Comfort Earth®

Bringing valuable "water" to you

KAWAMOTO PUMP

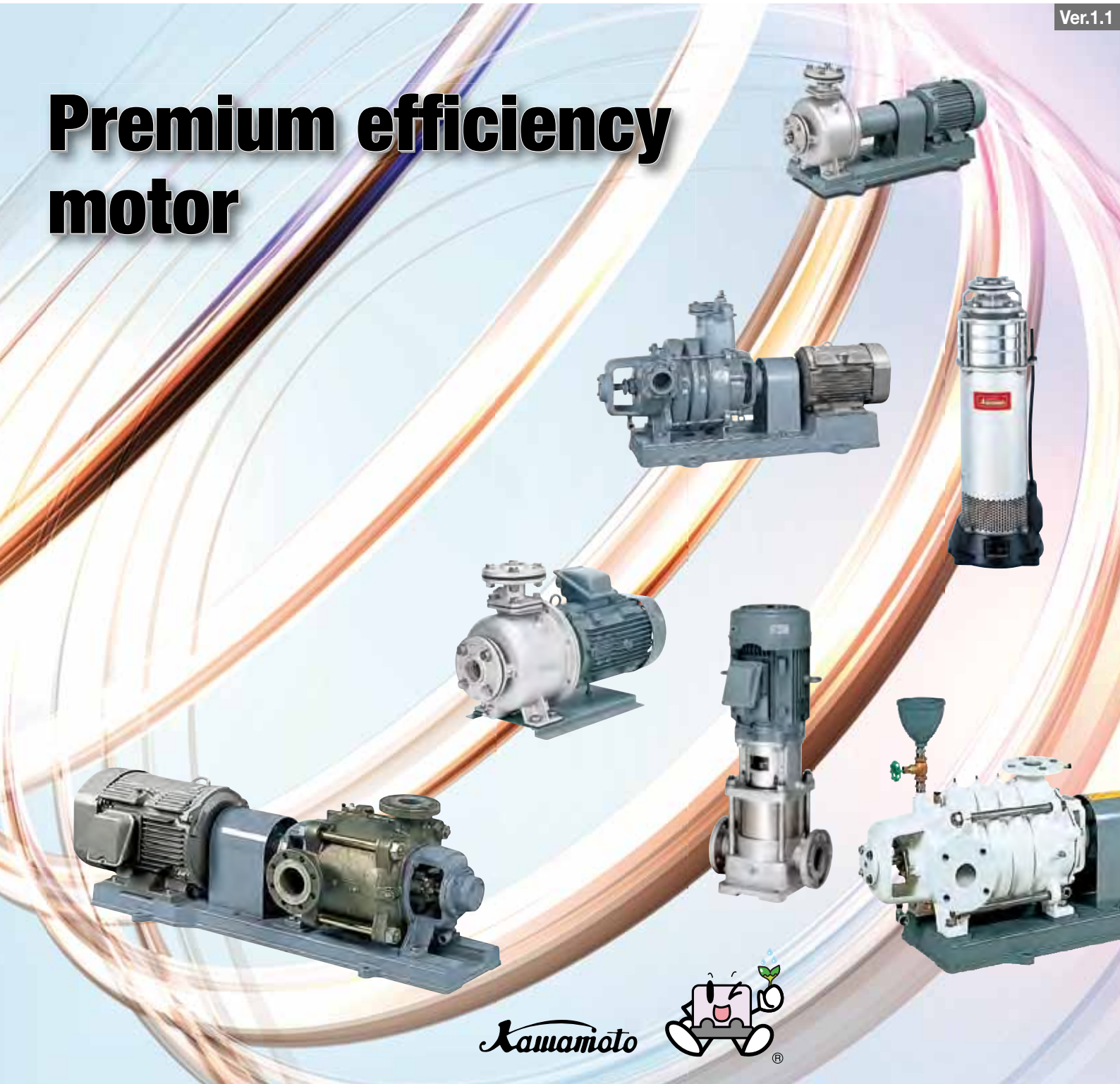
Multi-stage centrifugal

Turbine pump series

Vertical | High pressure | Self priming type | Submersible fresh water

Ver.1.1

Premium efficiency motor



Kawamoto®

High quality and high reliability Kawamoto Centrifugal Pump series can satisfy various applications

Multi-stage centrifugal

Kawamoto Turbine Pump Series

List of model

This catalogue put typical ground type multi-stage centrifugal pumps.
Please refer to out distributors or us about pumps without any description in this catalogue

Application ●Water supply to buildings and factories ●Factory production equipment ●Cooling water ●Small regional drinking water ●Other general water supply

Compact multi-stage (horizontal and vertical)


KVS


KR^{4}_{5}-C


KN(2)-C

Compact self-priming


GS^{2}_{3}-C


GSN(2)-C


GSS3-C

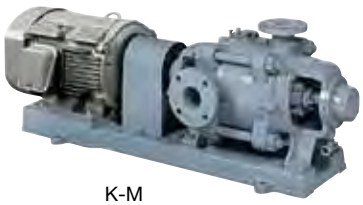
Multi-stage


KR5-M


TN·TKN
Nylon coating


T·TK

High pressure


K-M


KR-M

Application Icon list

Industry
Building equipment
General water supply
Industrial water
Water supply to buildings and factories
Cooling water
Small regional drinking water
General water supply
Preventing red discolourment water supply
Agriculture
Setting for machinery equipment
Filteration and circulation (swimming pool etc.)
Food, beverage, liquor industry
Hot water
Self priming type
Drinking water
Hot water supply
Hot spring
Hot water circulation

The standard configuration for pump systems with that those with an output of 0.75 kW or more are equipped with a Premium efficiency motor (IE3), and those with an output of 0.4 kW or less are equipped with a standard efficiency motor. Please consult your distributor for the motor specifications.

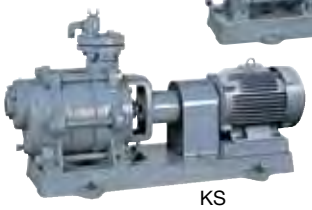
Self priming type

GS-M · KS 2 pole P.41

TVS 4 pole P.45


GS-M


TVS


KS

Submersible fresh water

KUR$^{2}_{3}$ · KURH$^{2}_{3}$
Stainless steel In water tank installation P.49

KUR3-Y Only for horizontal installation
Stainless steel In water tank horizontal installation P.57


KUR$^{2}_{3}$


KUR3-Y

Explanation of the Model Name (ex.)
KVS ① 25 ② 5 ③ M 0.75 ④
① Pump model
② Suction bore (mm)
③ Frequency (5:50 Hz 6:60Hz)
④ Motor output (kW)

Standard accessory

- Pump control panel
- Vibration proof bed
- Vibration proof joint
- Pipe silencer
- Pump heater
- Valve Sluice valve·Check valve
- Foot valve
- Suction unit

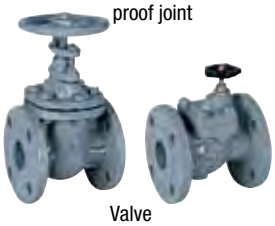

Control panel


Vibration proof bed


Vibration proof joint


Pipe silencer


Pump heater


Valve


Foot valve


Suction unit

KVS Type Stainless steel vertical turbine pump 2 pole

Application

Features

- Compact, light and space saving design
- Adoption of precision cast stainless steel for main parts (Casing, stage casing, etc.) (Press forming is adopted in a part of model of bore size 25·32mm)
- Mechanical seal can be changed without removing electric motor due to outstanding construction feature (unit type mechanical seal cover with mechanical seal support and spacer shaft coupling) (5.5kW or more)

Maximum suction total head (20˚C)

Bore 25～50mm	-6m
Bore 65mm	-5m
Bore 80～100mm (5.5kW · 50Hz)	-4m
Bore 80～100mm (7.5～30kW · 50Hz)	-5m
Bore 80～100mm (60Hz)	-3m

Standard specifications

• Liquid	Clean water 0~90˚C (however there should be no freezing) KVS-HM: 0~40˚C
• Materials	Impeller : SCS13 or SUS304 Shaft : SUS316 Casing : SCS13
• Shaft sealing	Mechanical seal (Mechanical seal cover unit type)
• Motor	TEFC outdoor or Indoor, Three phase
• Flange	JIS 20K equivalent

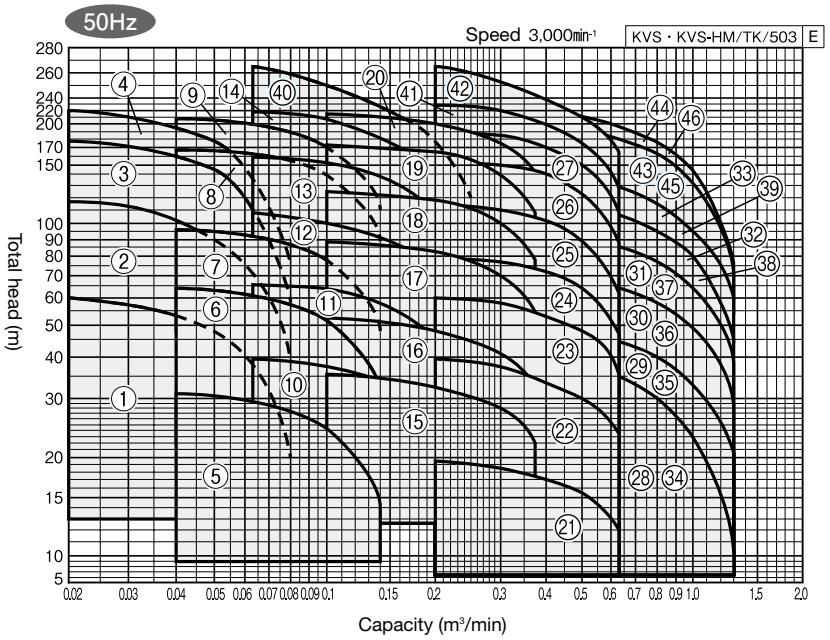
Maximum operating pressure (MPa)

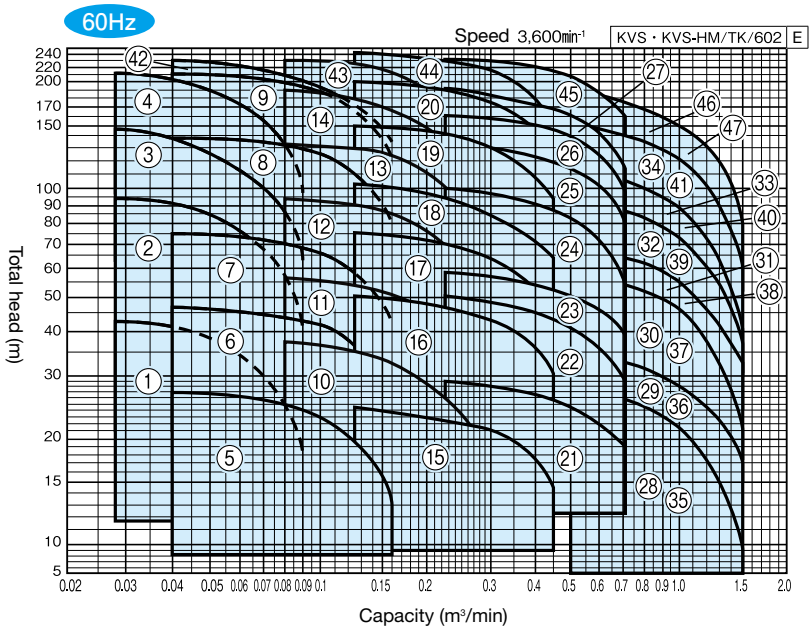
Bore 25～32mm (0.75～5.5kW)	2.3
Bore 40～50mm (1.5～3.7kW)	1.37
Bore 40～50mm (5.5～15kW)	2.3
Bore 65mm (2.2～7.5kW)	1.37
Bore 65mm (11～22kW)	2.0
Bore 80～100mm (5.5～7.5kW)	1.37
Bore 80～100mm (11～30kW)	2.0

*KVS-HM: 2.5MPa

Selection chart

These charts show the performance in case of Kawamoto standard motor. Inquire specification sheets and drawings in case of actual work planing.





Specification table

KVS 50Hz

KVS/SI/501 E

Bored mm	Ref	Model	Motor kW	No. of stage	Standard specifications Capacity m³/min	Total head m	Capacity m³/min	Total head m	Maximum back pressure MPa	Vibration isolator application table	
25	1	KVS255ME0.75	0.75	10	0.02	60	0.08	20	1.66	PBKV-MBT27	VP55-J045
	2	KVS255ME1.5	1.5	19	0.02	117	0.08	37	1.01	PBKV-MBT27	VP55-J045
	3	KVS255ME2.2	2.2	29	0.02	179	0.08	58	0.38	PBKV-MBT27	VP55-J045
	4	KVS255ME3.7	3.7	35	0.02	220	0.08	75	0.005	PBKV-MBT27	VP55-J045
32	5	KVS325ME0.75	0.75	5	0.04	31	0.14	14	1.96	PBKV-MBT27	VP55-J045
	6	KVS325ME1.5	1.5	10	0.04	64	0.14	31	1.61	PBKV-MBT27	VP55-J045
	7	KVS325ME2.2	2.2	15	0.04	96	0.14	48	1.29	PBKV-MBT27	VP55-J045
	8	KVS325ME3.7	3.7	26	0.04	168	0.14	89	0.49	PBKV-MBT27	VP55-J045
	9	KVS325ME5.5	5.5	32	0.04	208	0.14	110	0.04	PBKV-MBT27	VP90-J035
40	10	KVS405ME1.5	1.5	3	0.063	39.5	0.25	17.5	0.95	PBKV-MBT01	VP55-J015
	11	KVS405ME2.2	2.2	5	0.063	65.5	0.25	30	0.68	PBKV-MBT01	VP55-J015
	12	KVS405ME3.7	3.7	8	0.063	108	0.25	49	0.26	PBKV-MBT01	VP55-J015
	13	KVS405ME5.5	5.5	12	0.063	159	0.25	69.5	0.64	PBKV-MBT01	VP55-J015
	14	KVS405ME7.5	7.5	16	0.063	218	0.25	95	0.02	PBKV-MBT01	VP55-J015
50	15	KVS505ME2.2	2.2	2	0.1	35.5	0.375	22	1.00	PBKV-MBT01	VP55-J015
	16	KVS505ME3.7	3.7	3	0.1	52.5	0.375	32	0.83	PBKV-MBT01	VP55-J015
	17	KVS505ME5.5	5.5	5	0.1	88.5	0.375	54.5	1.39	PBKV-MBT01	VP55-J015
	18	KVS505ME7.5	7.5	7	0.1	125	0.375	78	1.01	PBKV-MBT01	VP55-J015
	19	KVS505ME11	11	10	0.1	173	0.375	108	0.5	PBKV-1014-1340	VP55-J015
	20	KVS505ME15	15	12	0.1	215	0.375	142	0.1	PBKV-1014-1340	VP90-J045
65	21	KVS655ME2.2	2.2	1	0.2	19.5	0.63	12	1.16	PBKV-MBT02	VP55-J025
	22	KVS655ME3.7	3.7	2	0.2	39.5	0.63	23.5	0.95	PBKV-MBT02	VP55-J025
	23	KVS655ME5.5	5.5	3	0.2	60	0.63	36.5	0.74	PBKV-MBT02	VP55-J025
	24	KVS655ME7.5	7.5	4	0.2	79	0.63	47	0.55	PBKV-MBT02	VP55-J025
	25	KVS655ME11	11	6	0.2	113	0.63	61	0.8	PBKV-1014-1344	VP55-J025
	26	KVS655ME15	15	8	0.2	154	0.63	87	0.37	PBKV-1014-1344	VP55-J025
	27	KVS655ME18	18.5	10	0.2	190	0.63	106	0.02	PBKV-1014-1344	VP55-J025
80	28	KVS805ME5.5	5.5	2	0.4	40	1.3	9.5	0.88	PBKV-MBT03	VP55-J035
	29	KVS805ME7.5	7.5	2	0.4	48.5	1.3	20.5	0.76	PBKV-MBT03	VP55-J035
	30	KVS805ME11	11	3	0.4	67.5	1.3	26.5	1.13	PBKV-1014-1348	VP55-J035
	31	KVS805ME15	15	4	0.4	94	1.3	38	0.84	PBKV-1014-1348	VP55-J035
	32	KVS805ME18	18.5	5	0.4	116	1.3	45	0.57	PBKV-1014-1348	VP55-J035
	33	KVS805ME22	22	6	0.4	141	1.3	57	0.26	PBKV-1014-1348	VP90-J025
100	34	KVS1005ME5.5	5.5	2	0.4	40	1.3	9.5	0.88	PBKV-MBT03	VP55-J035
	35	KVS1005ME7.5	7.5	2	0.4	48.5	1.3	20.5	0.76	PBKV-MBT03	VP55-J035
	36	KVS1005ME11	11	3	0.4	67.5	1.3	26.5	1.13	PBKV-1014-1348	VP55-J035
	37	KVS1005ME15	15	4	0.4	94	1.3	38	0.84	PBKV-1014-1348	VP55-J035
	38	KVS1005ME18	18.5	5	0.4	116	1.3	45	0.57	PBKV-1014-1348	VP55-J035
	39	KVS1005ME22	22	6	0.4	141	1.3	57	0.26	PBKV-1014-1348	VP90-J025

KVS-HM 50Hz

KVS-HM/SI/502 E

Bored mm	Ref	Model	Motor kW	No. of stage	Standard specifications Capacity m³/min	Total head m	Capacity m³/min	Total head m	Maximum back pressure MPa	Vibration isolator application table	
40	40	KVS405HME11	11	20	0.063	265	0.25	120	0.02	PBKV-1015-0486	VP55-J015
65	41	KVS655HME22	22	12	0.2	228	0.63	126	0.13	PBKV-1014-1344	VP90-J015
	42	KVS655HME30	30	14	0.2	265	0.63	165	0.02	PBKV-1015-0488	VP90-J015
80	43	KVS805HME30	30	9	0.4	198	1.3	72	0.02	PBKV-1014-1348	VP90-J025
	44	KVS805HME37	37	10	0.4	220	1.3	75	0.02	PBKV-1015-0489	VP90-J025
100	45	KVS1005HME30	30	9	0.4	198	1.3	72	0.02	PBKV-1014-1286	VP90-J025
	46	KVS1005HME37	37	10	0.4	220	1.3	75	0.02	PBKV-1015-0489	VP90-J025

KVS Type

■ KVS 60Hz

KVS/SI/601 E

Bored mm	Ref	Model	Motor kW	No. of stage	Standard specifications Capacity m³/min	Total head m	Capacity m³/min	Total head m	Maximum back pressure MPa	Vibration isolator application table	
25	1	KVS256ME0.75	0.75	5	0.028	43	0.09	18	1.83	PBKV-MBT27	VP55-J045
	2	KVS256ME1.5	1.5	11	0.028	95	0.09	40	1.27	PBKV-MBT27	VP55-J045
	3	KVS256ME2.2	2.2	17	0.028	148	0.09	63	0.70	PBKV-MBT27	VP55-J045
	4	KVS256ME3.7	3.7	24	0.028	211	0.09	97	0.03	PBKV-MBT27	VP55-J045
32	5	KVS326ME0.75	0.75	3	0.04	27	0.16	13	2.00	PBKV-MBT27	VP55-J045
	6	KVS326ME1.5	1.5	5	0.04	47	0.16	24	1.80	PBKV-MBT27	VP55-J045
	7	KVS326ME2.2	2.2	8	0.04	75	0.16	42	1.49	PBKV-MBT27	VP55-J045
	8	KVS326ME3.7	3.7	15	0.04	138	0.16	78	0.80	PBKV-MBT27	VP55-J045
	9	KVS326ME5.5	5.5	22	0.04	210	0.16	120	0.08	PBKV-MBT27	VP55-J045
40	10	KVS406ME1.5	1.5	2	0.08	37.5	0.28	19.5	0.97	PBKV-MBT01	VP55-J015
	11	KVS406ME2.2	2.2	3	0.08	56.5	0.28	29	0.77	PBKV-MBT01	VP55-J015
	12	KVS406ME3.7	3.7	5	0.08	94	0.28	50.5	0.38	PBKV-MBT01	VP55-J015
	13	KVS406ME5.5	5.5	7	0.08	133	0.28	72	0.96	PBKV-MBT01	VP55-J015
	14	KVS406ME7.5	7.5	10	0.08	190	0.28	96	0.26	PBKV-MBT01	VP55-J015
50	15	KVS506ME2.2	2.2	1	0.125	24.5	0.45	14.5	1.11	PBKV-MBT01	VP55-J015
	16	KVS506ME3.7	3.7	2	0.125	50.5	0.45	30.5	0.85	PBKV-MBT01	VP55-J015
	17	KVS506ME5.5	5.5	3	0.125	75.5	0.45	45	1.51	PBKV-MBT01	VP55-J015
	18	KVS506ME7.5	7.5	4	0.125	103	0.45	64	1.23	PBKV-MBT01	VP55-J015
	19	KVS506ME11	11	6	0.125	147	0.45	93	0.77	PBKV-1014-1340	VP55-J015
	20	KVS506ME15	15	8	0.125	197	0.45	125	0.24	PBKV-1014-1340	VP55-J015
65	21	KVS656ME3.7	3.7	1	0.225	29	0.71	19	1.07	PBKV-MBT02	VP55-J025
	22	KVS656ME5.5	5.5	2	0.225	50.5	0.71	29	0.84	PBKV-MBT02	VP55-J025
	23	KVS656ME7.5	7.5	2	0.225	58.5	0.71	39	0.77	PBKV-MBT02	VP55-J025
	24	KVS656ME11	11	6	0.225	100	0.71	54	0.95	PBKV-1014-1344	VP55-J025
	25	KVS656ME15	15	8	0.225	131	0.71	76	0.61	PBKV-1014-1344	VP55-J025
	26	KVS656ME18	18.5	10	0.225	160	0.71	95	0.32	PBKV-1014-1344	VP55-J025
	27	KVS656ME22	22	7	0.225	192	0.71	117	0	PBKV-1014-1344	VP55-J025
80	28	KVS806ME5.5	5.5	1	0.5	28	1.5	9	1.03	PBKV-MBT03	VP55-J035
	29	KVS806ME7.5	7.5	1	0.5	35	1.5	17	0.94	PBKV-MBT03	VP55-J035
	30	KVS806ME11	11	2	0.5	57.5	1.5	18.5	1.26	PBKV-1014-1348	VP55-J035
	31	KVS806ME15	15	2	0.5	68	1.5	33	1.15	PBKV-1014-1348	VP55-J035
	32	KVS806ME18	18.5	3	0.5	94	1.5	37	0.83	PBKV-1014-1348	VP55-J035
	33	KVS806ME22	22	4	0.5	116	1.5	40	0.52	PBKV-1014-1348	VP55-J035
	34	KVS806ME30	30	5	0.5	154	1.5	60	0.02	PBKV-1014-1348	VP90-J025
100	35	KVS1006ME5.5	5.5	1	0.5	28	1.5	9	1.03	PBKV-MBT03	VP55-J035
	36	KVS1006ME7.5	7.5	1	0.5	35	1.5	17	0.94	PBKV-MBT03	VP55-J035
	37	KVS1006ME11	11	2	0.5	57.5	1.5	18.5	1.26	PBKV-1014-1348	VP55-J035
	38	KVS1006ME15	15	2	0.5	68	1.5	33	1.15	PBKV-1014-1348	VP55-J035
	39	KVS1006ME18	18.5	3	0.5	94	1.5	37	0.83	PBKV-1014-1348	VP55-J035
	40	KVS1006ME22	22	4	0.5	116	1.5	40	0.52	PBKV-1014-1348	VP55-J035
	41	KVS1006ME30	30	5	0.5	154	1.5	60	0.02	PBKV-1014-1348	VP90-J025

■ KVS-HM 60Hz

KVS-HM/SI/601 E

Bored mm	Ref	Model	Motor kW	No. of stage	Standard specifications Capacity m³/min	Total head m	Capacity m³/min	Total head m	Maximum back pressure MPa	Vibration isolator application table	
32	42	KVS326HME7.5	7.5	24	0.04	230	0.16	135	0.08	PBKV-MBT27	VP55-J045
40	43	KVS406HME11	11	12	0.08	236	0.28	135	0.06	PBKV-1014-1340	VP55-J015
50	44	KVS506HME18	18.5	10	0.125	242	0.45	146	0.02	PBKV-1014-1340	VP55-J015
65	45	KVS656HME30	30	8	0.225	232	0.71	156	0.13	PBKV-1014-1344	VP90-J015
80	46	KVS806HME37	37	6	0.5	188	1.5	80	0.1	PBKV-1014-1348	VP90-J025
100	47	KVS1006HME37	37	6	0.5	188	1.5	80	0.1	PBKV-1014-1286	VP90-J025

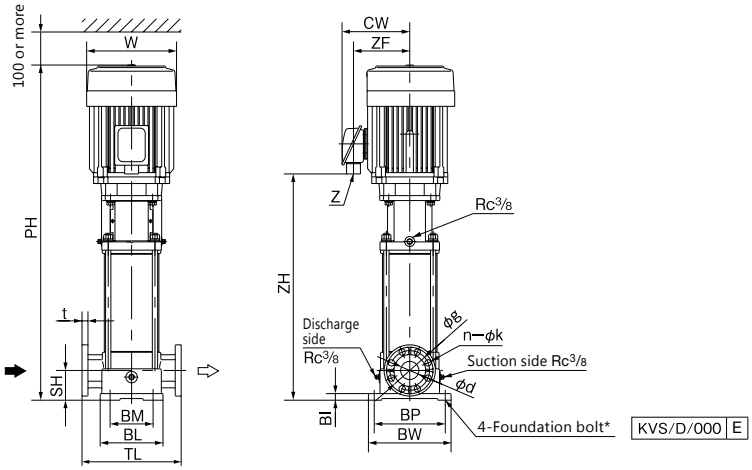
Outline dimension table

Inquire specification sheets and drawings in case of actual work planing

● Flange dimension Unit : mm

Bore	d	g	n	k	t
25	25	90	4	19	16
32	32	100	4	19	18
40	40	105	4	19	18
50	50	120	8	19	18
65	65	140	8	19	20
80	80	160	8	23	22
100	100	185	8	23	24

* Foundation bolts are optional accessories
(Recommend foundation bolt size
Bore 50mm or less models ····· M10×160
In case bore 65mm or more··· M12×250)



KVS/D/000 E

KVS 50Hz

Unit : mm

Bore	Model	Motor	Pump										Motor terminal box			Mass
d		kW	PH	SH	TL	W	CW	BI	BL	BM	BW	BP	Z	ZH	ZF	kg
25	KVS255ME0.75	0.75	694	75	250	131	143	20	149	100	210	180	G3/4	461	109	29
	KVS255ME1.5	1.5	885	75	250	172	155	20	149	100	210	180	G3/4	632	120	42
	KVS255ME2.2	2.2	1057	75	250	202	167	20	149	100	210	180	G3/4	818	132	52
	KVS255ME3.7	3.7	1205	75	250	202	167	20	149	100	210	180	G3/4	926	132	61
32	KVS325ME0.75	0.75	662	75	250	131	143	20	149	100	210	180	G3/4	429	109	29
	KVS325ME1.5	1.5	826	75	250	172	155	20	149	100	210	180	G3/4	623	120	40
	KVS325ME2.2	2.2	953	75	250	202	167	20	149	100	210	180	G3/4	764	132	49
	KVS325ME3.7	3.7	1290	75	250	202	167	20	149	100	210	180	G3/4	1061	132	63
	KVS325ME5.5	5.5	1563	75	250	235	194	20	149	100	210	180	G1	1277	158	83
40	KVS405ME1.5	1.5	659	80	280	172	155	20	190	130	250	215	G3/4	407	120	47
	KVS405ME2.2	2.2	721	80	280	202	167	20	190	130	250	215	G3/4	482	132	57
	KVS405ME3.7	3.7	866	80	280	202	167	20	190	130	250	215	G3/4	587	132	71
	KVS405ME5.5	5.5	1118	80	280	235	194	20	190	130	250	215	G1	831	158	98
	KVS405ME7.5	7.5	1274	80	280	272	206	20	190	130	250	215	G1	945	170	128
50	KVS505ME2.2	2.2	646	90	300	202	167	20	190	130	250	215	G3/4	407	132	52
	KVS505ME3.7	3.7	726	90	300	202	167	20	190	130	250	215	G3/4	447	132	60
	KVS505ME5.5	5.5	918	90	300	235	194	20	190	130	250	215	G1	631	158	84
	KVS505ME7.5	7.5	1014	90	300	272	206	20	190	130	250	215	G1	685	170	108
	KVS505ME11	11	1348	90	300	316	268	20	190	130	250	215	φ52	1137	217	174
	KVS505ME15	15	1428	90	300	316	268	20	190	130	250	215	φ52	1217	217	190
65	KVS655ME2.2	2.2	679	105	320	202	167	30	210	170	280	240	G3/4	440	132	59
	KVS655ME3.7	3.7	719	105	320	202	167	30	210	170	280	240	G3/4	440	132	66
	KVS655ME5.5	5.5	876	105	320	235	194	30	210	170	280	240	G1	589	158	86
	KVS655ME7.5	7.5	937	105	320	272	206	30	210	170	280	240	G1	608	170	109
	KVS655ME11	11	1241	105	320	316	268	30	210	170	280	240	φ52	1030	217	174
	KVS655ME15	15	1331	105	320	316	268	30	210	170	280	240	φ52	1120	217	192
	KVS655ME18	18.5	1455	105	320	316	268	30	210	170	280	240	φ52	1065	217	222
80	KVS805ME5.5	5.5	932	140	365	235	194	45	250	190	330	266	G1	645	158	94
	KVS805ME7.5	7.5	948	140	365	272	206	45	250	190	330	266	G1	619	170	113
	KVS805ME11	11	1227	140	365	316	268	45	250	190	330	266	φ52	1016	217	180
	KVS805ME15	15	1307	140	365	316	268	45	250	190	330	266	φ52	1096	217	212
	KVS805ME18	18.5	1392	140	365	316	268	45	250	190	330	266	φ52	1181	217	230
	KVS805ME22	22	1605	140	365	364	287	45	250	190	330	266	φ65	1324	236	338
100	KVS1005ME5.5	5.5	932	140	365	235	194	45	250	190	330	266	G1	645	158	96
	KVS1005ME7.5	7.5	948	140	365	272	206	45	250	190	330	266	G1	619	170	115
	KVS1005ME11	11	1227	140	365	316	268	45	250	190	330	266	φ52	1016	217	182
	KVS1005ME15	15	1307	140	365	316	268	45	250	190	330	266	φ52	1096	217	214
	KVS1005ME18	18.5	1392	140	365	316	268	45	250	190	330	266	φ52	1181	217	232
	KVS1005ME22	22	1605	140	365	364	287	45	250	190	330	266	φ65	1324	236	340

KVS/d/500 E

KVS-HM 50Hz

40	KVS405HME11	11	1628	80	280	316	268	20	190	130	250	215	φ52	1417	217	198
65	KVS655HME22	22	1599	105	320	364	287	30	210	170	280	240	φ65	1318	236	320
	KVS655HME30	30	1857	105	320	365	325	30	210	170	280	240	φ78	1537	250	360
80	KVS805HME30	30	1910	140	365	364	325	45	250	190	330	266	φ78	1590	250	391
	KVS805HME37	37	2030	140	365	402	356	45	250	190	330	266	φ78	1674	281	487
100	KVS1005HME30	30	1910	140	365	364	325	45	250	190	330	266	φ78	1590	250	393
	KVS1005HME37	37	2030	140	365	402	356	45	250	190	330	266	φ78	1674	281	489

KVS-HM/d/500 E

KVS Type

■ KVS 60Hz

Unit : mm

Bore d	Model	Motor kW	Pump										Motor terminal box			Mass
			PH	SH	TL	W	CW	BI	BL	BM	BW	BP	Z	ZH	ZF	kg
25	KVS256ME0.75	0.75	604	75	250	131	143	20	149	100	210	180	G3/4	371	109	28
	KVS256ME1.5	1.5	741	75	250	172	155	20	149	100	210	180	G3/4	488	120	38
	KVS256ME2.2	2.2	841	75	250	202	167	20	149	100	210	180	G3/4	602	132	46
	KVS256ME3.7	3.7	1007	75	250	202	167	20	149	100	210	180	G3/4	728	132	55
32	KVS326ME0.75	0.75	608	75	250	131	143	20	149	100	210	180	G3/4	375	109	28
	KVS326ME1.5	1.5	691	75	250	172	155	20	149	100	210	180	G3/4	488	120	36
	KVS326ME2.2	2.2	764	75	250	202	167	20	149	100	210	180	G3/4	575	132	43
	KVS326ME3.7	3.7	993	75	250	202	167	20	149	100	210	180	G3/4	764	132	55
	KVS326ME5.5	5.5	1293	75	250	235	194	20	149	100	210	180	G1	1007	158	75
40	KVS406ME1.5	1.5	624	80	280	172	155	20	190	130	250	215	G3/4	372	120	45
	KVS406ME2.2	2.2	651	80	280	202	167	20	190	130	250	215	G3/4	412	132	52
	KVS406ME3.7	3.7	761	80	280	202	167	20	190	130	250	215	G3/4	482	132	63
	KVS406ME5.5	5.5	943	80	280	235	194	20	190	130	250	215	G1	656	158	85
	KVS406ME7.5	7.5	1064	80	280	272	206	20	190	130	250	215	G1	735	170	112
50	KVS506ME2.2	2.2	646	90	300	202	167	20	190	130	250	215	G3/4	407	132	50
	KVS506ME3.7	3.7	686	90	300	202	167	20	190	130	250	215	G3/4	407	132	57
	KVS506ME5.5	5.5	838	90	300	235	194	20	190	130	250	215	G1	551	158	77
	KVS506ME7.5	7.5	894	90	300	272	206	20	190	130	250	215	G1	565	170	98
	KVS506ME11	11	1188	90	300	316	268	20	190	130	250	215	φ52	977	217	160
	KVS506ME15	15	1268	90	300	316	268	20	190	130	250	215	φ52	1057	217	176
65	KVS656ME3.7	3.7	719	105	320	202	167	30	210	170	280	240	G3/4	440	132	65
	KVS656ME5.5	5.5	831	105	320	235	194	30	210	170	280	240	G1	544	158	82
	KVS656ME7.5	7.5	847	105	320	272	206	30	210	170	280	240	G1	518	170	100
	KVS656ME11	11	1151	105	320	316	268	30	210	170	280	240	φ52	940	217	165
	KVS656ME15	15	1196	105	320	316	268	30	210	170	280	240	φ52	985	217	179
	KVS656ME18	18.5	1276	105	320	316	268	30	210	170	280	240	φ52	1065	217	204
	KVS656ME22	22	1374	105	320	364	287	30	210	170	280	240	φ65	1093	236	291
80	KVS806ME5.5	5.5	867	140	365	235	194	45	250	190	330	266	G1	580	158	83
	KVS806ME7.5	7.5	883	140	365	272	206	45	250	190	330	266	G1	554	170	102
	KVS806ME11	11	1162	140	365	316	268	45	250	190	330	266	φ52	951	217	169
	KVS806ME15	15	1177	140	365	316	268	45	250	190	330	266	φ52	966	217	190
	KVS806ME18	18.5	1262	140	365	316	268	45	250	190	330	266	φ52	1051	217	208
	KVS806ME22	22	1380	140	365	364	287	45	250	190	330	266	φ65	1099	236	302
	KVS806ME30	30	1613	140	365	364	325	45	250	190	330	266	φ78	1293	250	347
100	KVS1006ME5.5	5.5	867	140	365	235	194	45	250	190	330	266	G1	580	158	85
	KVS1006ME7.5	7.5	883	140	365	272	206	45	250	190	330	266	G1	554	170	104
	KVS1006ME11	11	1162	140	365	316	268	45	250	190	330	266	φ52	951	217	171
	KVS1006ME15	15	1177	140	365	316	268	45	250	190	330	266	φ52	966	217	192
	KVS1006ME18	18.5	1262	140	365	316	268	45	250	190	330	266	φ52	1051	217	210
	KVS1006ME22	22	1380	140	365	364	287	45	250	190	330	266	φ65	1099	236	304
	KVS1006ME30	30	1613	140	365	364	325	45	250	190	330	266	φ78	1293	250	349

KVS/d/600 E

■ KVS-HM 60Hz

32	KVS326HME7.5	7.5	1364	75	250	272	206	20	149	100	210	180	G1	1034	170	96
40	KVS406HME11	11	1348	80	280	316	268	20	190	130	250	215	φ52	1137	217	174
50	KVS506HME18	18.5	1368	90	300	316	268	20	190	130	250	215	φ52	1157	217	194
65	KVS656HME30	30	1587	105	320	364	325	30	210	170	280	240	φ78	1267	250	324
80	KVS806HME37	37	1770	140	365	401	356	45	250	190	330	266	φ78	1414	281	443
100	KVS1006HME37	37	1770	140	365	401	356	45	250	190	330	266	φ78	1414	281	445

KVS-HM/d/600 E

KR$^{4}_{5}$-C Type Stainless steel multi-stage turbine pump 2 pole

Maximum suction total head (20˚C)

−6m

Application

Features

- Stainless steel precision casting
- Quiet sound design of pump and electric motor enable pump unit operation with lower noise
- Easy maintenance and inspection due to back pull out construction
- TEFC electric motor as standard
- Compact and light weight design

Standard specifications

• Liquid	Clean water 0~40˚C (however there should be no freezing)
• Materials	Impeller : Resin or SCS13 or Bronze Shaft : SUS304 (portion contacting liquid) Casing : SCS13
• Shaft sealing	Mechanical seal (Ceramic x Carbon)
• Motor	TEFC indoor, Single phase, Three phase
• Companion flanges	Exclusive flange

Maximum back pressure

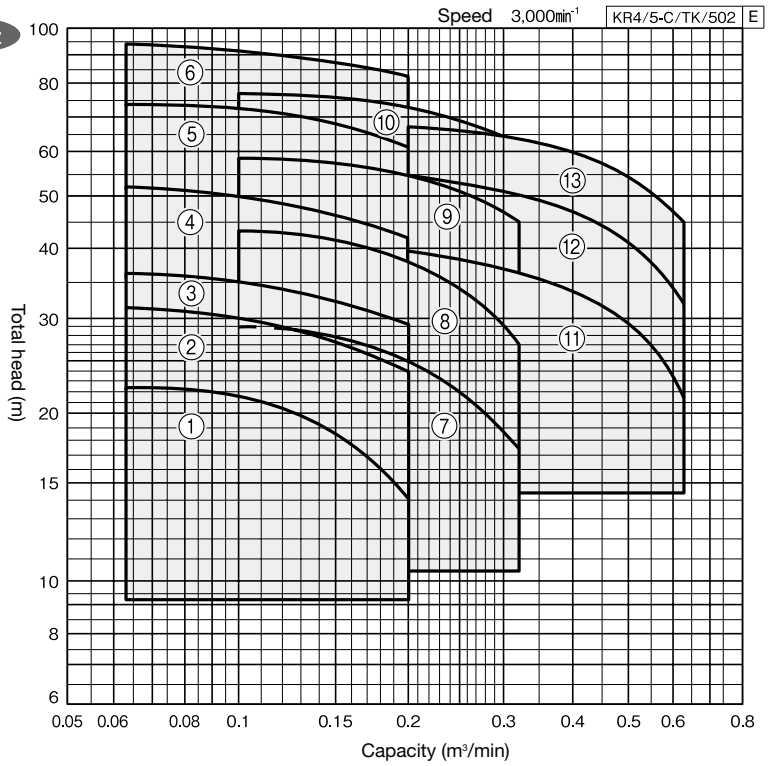
(1−Zero-discharge head of pump) MPa

Standard accessories

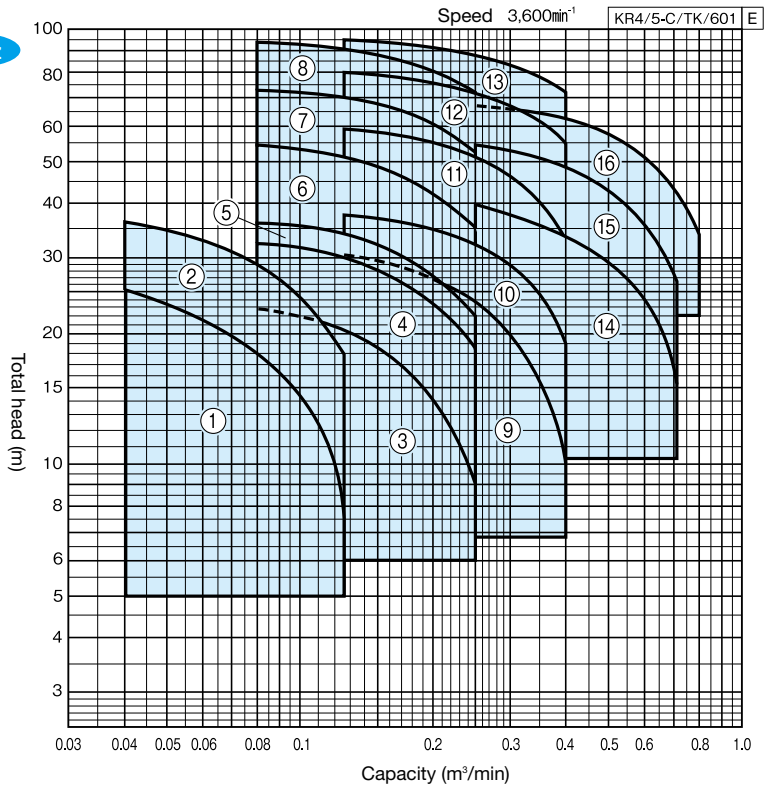
Base, Companion flanges (bolts & nuts), connect pipe

Selection chart

50Hz



60Hz



KR4/5-C Type

Specification table

50Hz

KR4/5-C/SI/501 E

Bore d1	Bore d2	Ref	Model	Motor	No. of stage	Performance						Maximum back pressure	Vibration isolator application table	
						Capacity	Total head	Capacity	Total head	Capacity	Total head			
mm	mm			kW		m³/min	m	m³/min	m	m³/min	m	MPa		
40	40	1	KR4-405CE0.75	0.75	2	0.063	22.5	0.125	20	0.2	14	0.75	PBKV-47-404-01	PX-60Z
		2	KR4-405CE1.1	1.1	2	0.063	31	0.125	28.5	0.2	24	0.68		
		3	KR5-405CE1.5	1.5	2	0.063	36	0.125	33.5	0.2	29	0.63		
		4	KR5-405CE2.2	2.2	3	0.063	51	0.125	48	0.2	42	0.48		
		5	KR5-405CE3.7	3.7	3	0.063	74	0.125	70	0.2	61	0.25	QRE-01A	
		6	KR5-405CE5.5	5.5	3	0.063	93.5	0.125	89.5	0.2	81	0.059		
50	40	7	KR5-505CE1.5	1.5	2	0.1	29	0.2	25	0.315	17.5	0.70	PBKV-47-404-01	PX-60Z
		8	KR5-505CE2.2	2.2	3	0.1	43	0.2	38	0.315	27	0.56		
		9	KR5-505CE3.7	3.7	3	0.1	58	0.2	54	0.315	45	0.41		
		10	KR5-505CE5.5	5.5	3	0.1	76	0.2	72	0.315	63	0.24	QRE-01A	
65	50	11	KR5-655CE3.7	3.7	2	0.2	39.5	0.4	34	0.63	21.5	0.59	QRE-01A	PX-60Z
		12	KR5-655CE5.5	5.5	2	0.2	54.5	0.4	47	0.63	32	0.44		
		13	KR5-655CE7.5	7.5	2	0.2	67	0.4	60	0.63	45	0.32		

60Hz

KR4/5-C/SI/601 E

Bore d1	Bore d2	Ref	Model	Motor	No. of stage	Performance						Maximum back pressure	Vibration isolator application table	
						Capacity	Total head	Capacity	Total head	Capacity	Total head			
mm	mm			kW		m³/min	m	m³/min	m	m³/min	m	MPa		
32	40	1	KR4-326-CN0.4S	0.4※1	3	0.04	25	0.08	18	0.125	7.5	0.44	—	PX-60Z
		2	KR4-326-CN0.75S2	0.75※2	3	0.04	36	0.08	29	0.125	18	0.63		
40	40	3	KR4-406CE0.75	0.75	2	0.08	22.5	0.16	17.5	0.25	9	0.75	PBKV-47-404-01	PX-60Z
		4	KR4-406CE1.1	1.1	2	0.08	32	0.16	27.5	0.25	18.5	0.67		
		5	KR5-406CE1.5	1.5	2	0.08	36	0.16	31	0.25	22	0.63		
		6	KR5-406CE2.2	2.2	3	0.08	54	0.16	47.5	0.25	35	0.45		
		7	KR5-406CE3.7	3.7	3	0.08	72	0.16	66.5	0.25	53	0.27		
		8	KR5-406CE5.5	5.5	3	0.08	93.5	0.16	87	0.25	72	0.059	QRE-01A	
50	40	9	KR5-506CE1.5	1.5	2	0.125	30.5	0.25	23.5	0.4	10	0.68	PBKV-47-404-01	PX-60Z
		10	KR5-506CE2.2	2.2	2	0.125	37.5	0.25	32	0.4	19	0.61		
		11	KR5-506CE3.7	3.7	3	0.125	59.5	0.25	51.5	0.4	33	0.39		
		12	KR5-506CE5.5	5.5	3	0.125	80	0.25	72	0.4	54	0.20	QRE-01A	
		13	KR5-506CE7.5	7.5	3	0.125	95	0.25	88	0.4	71	0.049	QRE-02A	
65	50	14	KR5-656CE3.7	3.7	2	0.25	39.5	0.5	29.5	0.71	15.5	0.59	QRE-01A	PX-60Z
		15	KR5-656CE5.5	5.5	2	0.25	54.5	0.5	43	0.71	26.5	0.44		
		16	KR5-656CE7.5	7.5	2	0.25	67	0.5	58	0.8	33	0.32		

Note 1) Single phase 100V Note 2) Single phase 200V

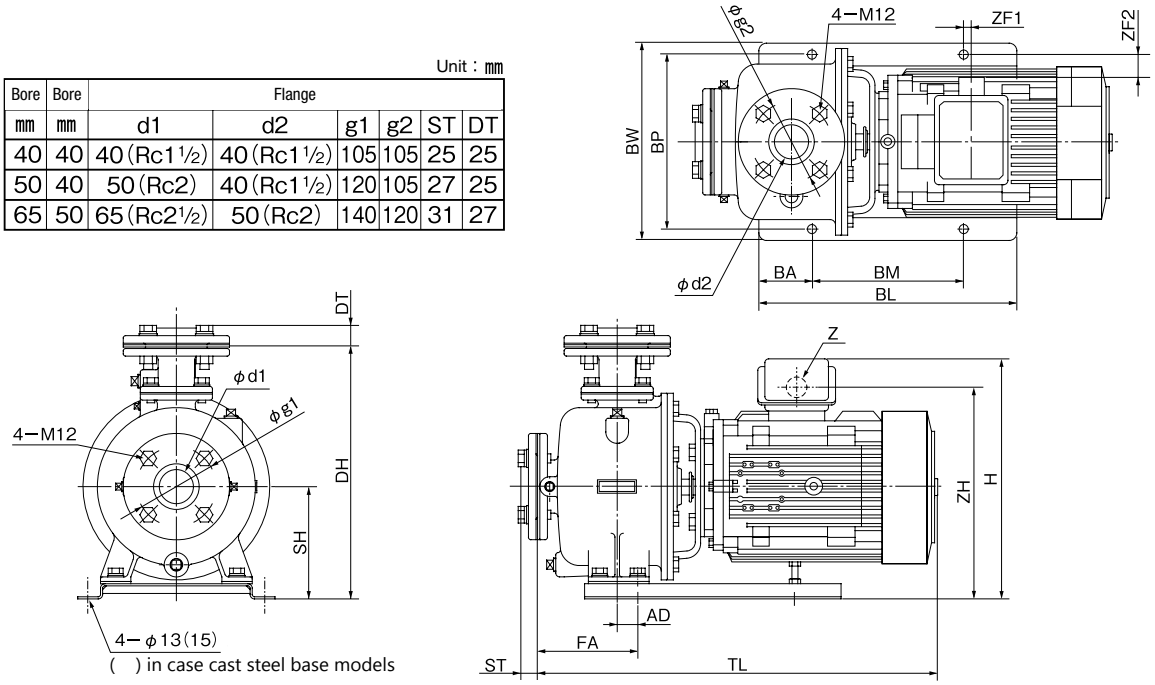
Outline dimension table

Inquire specification sheets and drawings in case of actual work planing

The drawing shows a example of bore size 50mm or less and 3.7kW or less model.
(Cast iron base models: 5.5kW or more, or bore size 65mm and 3.7kW, or 50Hz and bore size 40mm and 3.7kW)

Unit : mm

Bore	Bore	Flange					
mm	mm	d1	d2	g1	g2	ST	DT
40	40	40 (Rc1 ½)	40 (Rc1 ½)	105	105	25	25
50	40	50 (Rc2)	40 (Rc1 ½)	120	105	27	25
65	50	65 (Rc2 ½)	50 (Rc2)	140	120	31	27



* Foundation bolts are optional accessories
· Recommend foundation bolt size: M10×125 (Cast iron base models: M12×160)

50Hz

Unit : mm

Bore	Bore	Model	Motor	Material of impeller	Combinations															Mass
d1	d2		kW		TL	DH	SH	AD	FA	H	ZF1	ZF2	ZH	BL	BA	BM	BP	BW	Z	kg
40	40	KR4-405CE0.75	0.75	SCS13	420	332	148	27	87	268	−42	65	240	340	70	200	230	260	G3/4	32
		KR4-405CE1.1	1.1		460	332	148	27	87	303	34	28	268	340	70	200	230	260	G3/4	36
		KR5-405CE1.5	1.5		460	332	148	27	87	303	8	28	268	340	70	200	230	260	G3/4	42
		KR5-405CE2.2	2.2		494	332	148	27	129	315	13	28	280	340	70	200	230	260	G3/4	46
		KR5-405CE3.7	3.7	Bronze	538	375	173	22	127	–	32	53	305	410	80	250	280	314	G3/4	61
		KR5-405CE5.5	5.5		599	375	173	22	127	–	−27	49	331	410	80	250	280	314	G1	82
50	40	KR5-505CE1.5	1.5	SCS13	460	332	148	27	87	303	8	28	268	340	70	200	230	260	G3/4	43
		KR5-505CE2.2	2.2		494	332	148	27	129	315	13	28	280	340	70	200	230	260	G3/4	49
		KR5-505CE3.7	3.7		534	332	148	27	129	315	13	28	280	340	70	200	230	260	G3/4	52
		KR5-505CE5.5	5.5	Bronze	599	375	173	22	127	–	−27	49	331	410	80	250	280	314	G1	82
65	50	KR5-655CE3.7	3.7	Bronze	518	338	173	20	120	340	45	53	305	410	80	250	280	314	G3/4	60
		KR5-655CE5.5	5.5		579	383	193	20	120	387	−14	49	351	410	80	250	280	314	G1	82
		KR5-655CE7.5	7.5		596	383	193	20	120	399	13	49	363	410	80	250	280	314	G1	101

Note 1) H is omitted in case H ≦ DH
Note 2) <-> shows revers direction to the drawing in this table

KR4/5-C/Hd/500 E

60Hz

Bore	Bore	Model	Motor	Material of impeller	Combinations															Mass
d1	d2		kW		TL	DH	SH	AD	FA	H	ZF1	ZF2	ZH	BL	BA	BM	BP	BW	Z	kg
32	40	KR4-326-CN0.4S	0.4	Resin	419	332	148	27	99	289	55	65	243	340	70	200	230	260	G3/4	29
		KR4-326-CN0.75S2	0.75		465	332	148	27	99	297	39	65	250	340	70	200	230	260	G3/4	33
40	40	KR4-406CE0.75	0.75	SCS13	420	332	148	27	87	268	−42	65	240	340	70	200	230	260	G3/4	32
		KR4-406CE1.1	1.1		460	332	148	27	87	303	34	28	268	340	70	200	230	260	G3/4	36
		KR5-406CE1.5	1.5		460	332	148	27	87	303	8	28	268	340	70	200	230	260	G3/4	42
		KR5-406CE2.2	2.2		494	332	148	27	129	315	13	28	280	340	70	200	230	260	G3/4	46
		KR5-406CE3.7	3.7		534	332	148	27	129	315	13	28	280	340	70	200	230	260	G3/4	52
		KR5-406CE5.5	5.5	Bronze	599	375	173	22	127	–	−27	49	331	410	80	250	280	314	G1	82
50	40	KR5-506CE1.5	1.5	SCS13	460	332	148	27	87	303	8	28	268	340	70	200	230	260	G3/4	43
		KR5-506CE2.2	2.2		452	332	148	27	87	315	13	28	280	340	70	200	230	260	G3/4	48
		KR5-506CE3.7	3.7		534	332	148	27	129	315	13	28	280	340	70	200	230	260	G3/4	54
		KR5-506CE5.5	5.5	Bronze	599	375	173	22	127	–	−27	49	331	410	80	250	280	314	G1	82
		KR5-506CE7.5	7.5		616	375	173	22	127	379	0	49	343	410	80	250	280	314	G1	100
65	50	KR5-656CE3.7	3.7	Bronze	518	338	173	20	120	340	45	53	305	410	80	250	280	314	G3/4	59
		KR5-656CE5.5	5.5		579	383	193	20	120	387	−14	49	351	410	80	250	280	314	G1	82
		KR5-656CE7.5	7.5		596	383	193	20	120	399	13	49	363	410	80	250	280	314	G1	101

Note 1) H is omitted in case H ≦ DH
Note 2) <-> shows revers direction to the drawing in this table

KR4/5-C/Hd/600 E

KN(2)-C Type Nylon coating multi-stage turbine pump 2 pole

Application

Features

- Quiet sound design of pump and electric motor enable pump unit operation with lower noise
- Preventing red discolorment of water by exclusively design as nylon coating
- TEFC electric motor as standard
- Heater is easily able to attach with the pump for preventing freeze in winter
- Easy maintenance and inspection due to back pull out construction

Standard specifications

• Liquid	Clean water 0~40˚C (however there should be no freezing)
• Materials	Impeller: Bronze Shaft : SUS304 (portion contacting liquid) Casing : Cast iron + Nylon coating
• Shaft sealing	Mechanical seal (Ceramic x Carbon)
• Motor	TEFC indoor Single phase, Three phase
• Companion flanges	Exclusive square flange or JIS 10K Thin type

Standard accessories

Base, Companion flanges (bolts & nuts)

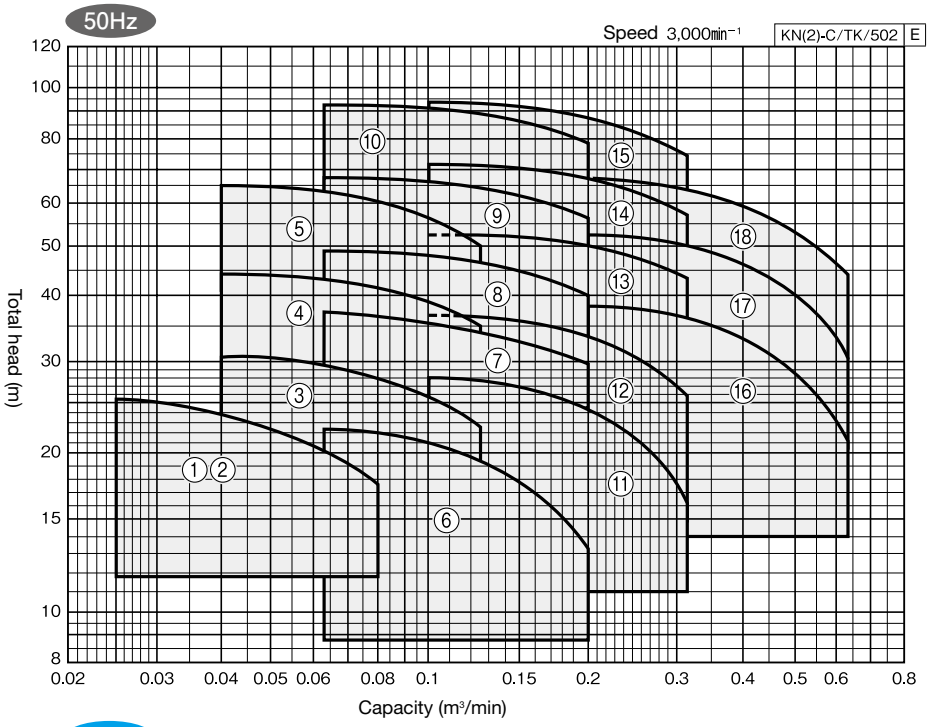
Maximum suction total head (20˚C)

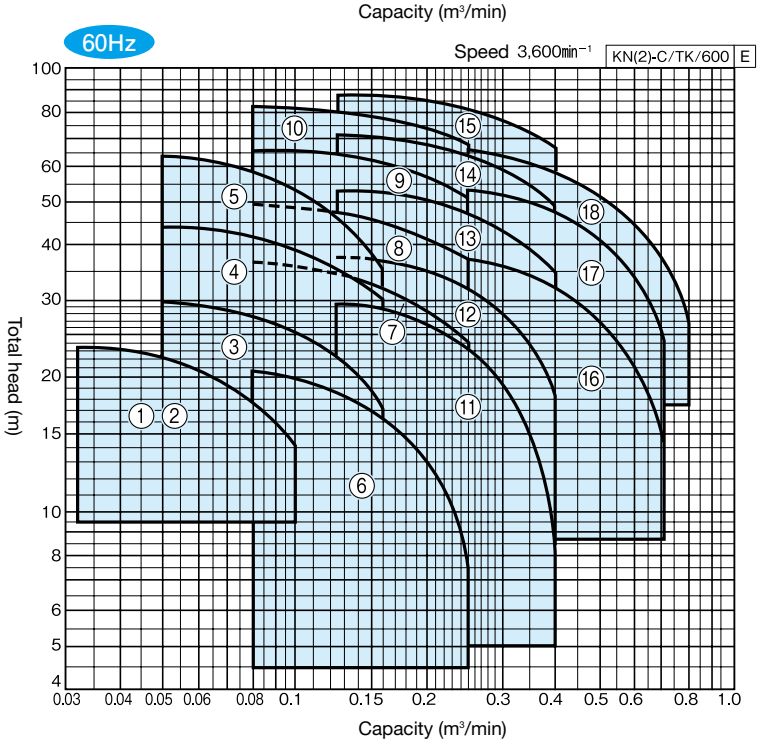
−6m

Maximum back pressure (Refer to Specification table)

(0.49 (a part of models 0.69, 0.98) Zero-discharge head of pump) MPa

Selection chart





Specification table

50Hz

KN(2)-C/SI/501 E

Bore d1×d2	Ref	Model	Motor	No. of stage	Power supply	Performance						Maximum back pressure	Vibration isolator application table		
						Capacity	Total head	Capacity	Total head	Capacity	Total head				
mm			kW		Phase	m³/min	m	m³/min	m	m³/min	m	MPa			
32	1	KN2-325-C0.4S	0.4	2	Single	0.025	25.5	0.05	22.5	0.08	17.8	0.21	—	—	PX-60Z
	2	KN-325-CN0.4T	0.4	2	Three	0.025	25.5	0.05	22.5	0.08	17.8	0.21	—	—	PX-60ZY
	3	KN325CE0.75	0.75	2	Three	0.04	30.5	0.08	27.5	0.125	22.5	0.37	—	QGP-10	PX-60Z
	4	KN2-325CE1.5	1.5	2	Three	0.04	44.5	0.08	41	0.125	35	0.24	—	QGP-12	PX-60Z
	5	KN2-325CE2.2	2.2	3	Three	0.04	65	0.08	60	0.125	50	0.02	—	QGP-12	PX-60Z
40 × 32	6	KN405CE0.75	0.75	2	Three	0.063	22.2	0.125	19.2	0.2	13.2	0.25	QRE-01A	—	PX-60Z
	7	KN2-405CE1.5	1.5	2	Three	0.063	37	0.125	34.5	0.2	29.5	0.11	—	QGP-11	PX-60Z
	8	KN2-405CE2.2	2.2	2	Three	0.063	49	0.125	46.5	0.2	40	0.20	—	QGP-11	PX-60Z
	9	KN2-405CE3.7	3.7	2	Three	0.063	67	0.125	64	0.2	56	0.049	QRE-01A	—	PX-60Z
	10	KN2-405CE5.5	5.5	3	Three	0.063	92	0.125	88	0.2	78	0.059	QRE-01A	—	PX-60Z
50 × 40	11	KN2-505CE1.5	1.5	2	Three	0.1	28.2	0.2	24.5	0.315	16.5	0.21	—	QGP-12	PX-60Z
	12	KN2-505CE2.2	2.2	2	Three	0.1	37	0.2	33.5	0.315	26	0.12	—	QGP-12	PX-60Z
	13	KN2-505CE3.7	3.7	2	Three	0.1	52.5	0.2	50	0.315	43.5	0.15	QRE-01A	—	PX-60Z
	14	KN2-505CE5.5	5.5	2	Three	0.1	70.5	0.2	66.5	0.315	57.5	0.049	QRE-03A	—	PX-60Z
	15	KN2-505CE7.5	7.5	2	Three	0.1	93	0.2	87	0.315	74	0.049	QRE-03A	—	PX-75Z
65 × 50	16	KN2-655CE3.7	3.7	2	Three	0.2	38.5	0.4	33.5	0.63	21	0.088	QRE-01A	—	PX-60Z
	17	KN2-655CE5.5	5.5	2	Three	0.2	52.5	0.4	45.5	0.63	30.5	0.17	QRE-03A	—	PX-60Z
	18	KN2-655CE7.5	7.5	2	Three	0.2	66	0.4	59	0.63	44.5	0.049	QRE-03A	—	PX-60Z

60Hz

KN(2)-C/SI/601 E

Bore d1×d2	Ref	Model	Motor	No. of stage	Power supply	Performance						Maximum back pressure	Vibration isolator application table		
						Capacity	Total head	Capacity	Total head	Capacity	Total head				
mm			kW		Phase	m³/min	m	m³/min	m	m³/min	m	MPa			
32	1	KN2-326-C0.4S	0.4	2	Single	0.032	23.5	0.063	20.2	0.1	14.2	0.24	—	—	PX-60Z
	2	KN-326-CN0.4T	0.4	2	Three	0.032	23.5	0.063	20.2	0.1	14.2	0.24	—	—	PX-60ZY
	3	KN326CE0.75	0.75	2	Three	0.05	29.5	0.1	25.5	0.16	17	0.38	—	QGP-10	PX-60Z
	4	KN2-326CE1.5	1.5	2	Three	0.05	44	0.1	39.5	0.16	30	0.049	—	QGP-10	PX-60Z
	5	KN2-326CE2.2	2.2	3	Three	0.05	64	0.1	54	0.16	35.5	0.0098	—	QGP-12	PX-60Z
40 × 32	6	KN406CE0.75	0.75	2	Three	0.08	20.5	0.16	16.2	0.25	6.8	0.26	QRE-01A	—	PX-60Z
	7	KN2-406CE1.5	1.5	2	Three	0.08	36.5	0.16	32.5	0.25	24	0.11	—	QGP-11	PX-60Z
	8	KN2-406CE2.2	2.2	2	Three	0.08	49.5	0.16	45	0.25	37	0.18	—	QGP-11	PX-60Z
	9	KN2-406CE3.7	3.7	2	Three	0.08	65.5	0.16	60.5	0.25	51	0.049	QRE-01A	—	PX-60Z
	10	KN2-406CE5.5	5.5	2	Three	0.08	82	0.16	78	0.25	67	0.16	QRE-01A	—	PX-60Z
50 × 40	11	KN2-506CE1.5	1.5	2	Three	0.125	29.5	0.25	23.5	0.4	7.5	0.18	—	QGP-12	PX-60Z
	12	KN2-506CE2.2	2.2	2	Three	0.125	37.5	0.25	31.5	0.4	18	0.098	—	QGP-12	PX-60Z
	13	KN2-506CE3.7	3.7	2	Three	0.125	53	0.25	47.5	0.4	34.5	0.16	QRE-01A	—	PX-60Z
	14	KN2-506CE5.5	5.5	2	Three	0.125	70.5	0.25	64.5	0.4	49	0.049	QRE-03A	—	PX-60Z
	15	KN2-506CE7.5	7.5	2	Three	0.125	87	0.25	81	0.4	67	0.088	QRE-03A	—	PX-75Z
65 × 50	16	KN2-656CE3.7	3.7	2	Three	0.25	37.5	0.5	27	0.71	13	0.088	QRE-01A	—	PX-60Z
	17	KN2-656CE5.5	5.5	2	Three	0.25	53	0.5	41	0.71	24	0.15	QRE-03A	—	PX-60Z
	18	KN2-656CE7.5	7.5	2	Three	0.25	65.5	0.5	52	0.8	26.5	0.049	QRE-03A	—	PX-60Z

KN(2)-C Type

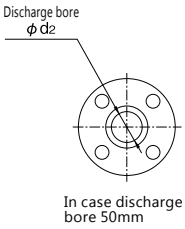
Outline dimension table

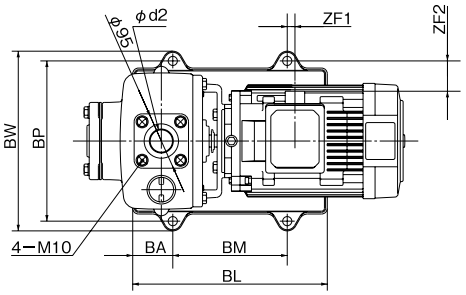
Inquire specification sheets and drawings in case of actual work planing

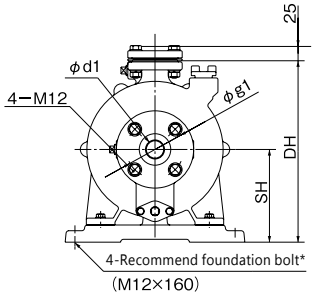
● KN2-C Type

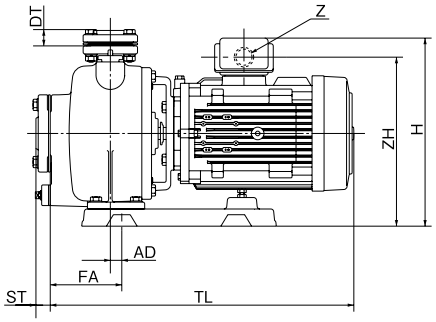
Unit : mm

Bore	ST	DT
32	25	25
40	25	25
50	27	27
65	31	31



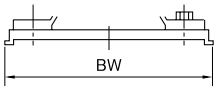


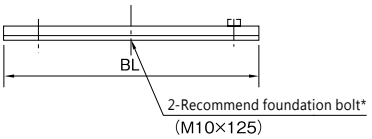




2.2kW or less

except bore 40mm and 0.75kW models





* Foundation bolts are optional accessories

KN(2)-C/HD/000 E

50Hz

Unit : mm

bore d1×d2	Model	Motor kW	Combinations TL	DH	SH	AD	FA	H	BL	BA	BM	BP	BW	ZF1	ZF2	ZH	Z	Flange dimension d1	d2	g1	Mass kg
32	KN2-325-C0.4S	0.4	416	278	143	75	140	284	250	110	-	160	200	101	30	237	–	32 (Rc1 1/4)	32 (Rc1 1/4)	100	30
	KN-325-CN0.4T	0.4	416	278	143	75	140	284	250	110	-	160	200	101	30	237	–	32 (Rc1 1/4)	32 (Rc1 1/4)	100	30
	KN325CE0.75	0.75	421	278	143	75	140	-	250	110	-	160	200	106	26	235	G3/4	32 (Rc1 1/4)	32 (Rc1 1/4)	100	33
	KN2-325CE1.5	1.5	461	305	150	115	180	-	320	160	-	210	260	115	18	270	G3/4	32 (Rc1 1/4)	32 (Rc1 1/4)	100	45
	KN2-325CE2.2	2.2	493	305	150	115	220	317	320	160	-	210	260	121	18	282	G3/4	32 (Rc1 1/4)	32 (Rc1 1/4)	100	57
40 × 32	KN405CE0.75	0.75	425	305	160	20	100	-	340	70	200	250	284	−50	71	252	G3/4	40 (Rc1 1/2)	32 (Rc1 1/4)	105	38
	KN2-405CE1.5	1.5	466	288	143	80	160	298	250	125	-	180	230	140	3	263	G3/4	40 (Rc1 1/2)	32 (Rc1 1/4)	105	40
	KN2-405CE2.2	2.2	458	288	143	80	160	310	250	125	-	180	230	146	3	275	G3/4	40 (Rc1 1/2)	32 (Rc1 1/4)	105	47
	KN2-405CE3.7	3.7	498	340	170	20	100	-	340	70	200	280	314	6	53	302	G3/4	40 (Rc1 1/2)	32 (Rc1 1/4)	105	71
	KN2-405CE5.5	5.5	604	340	170	30	155	364	410	80	250	280	314	3	49	328	G1	40 (Rc1 1/2)	32 (Rc1 1/4)	105	93
50 × 40	KN2-505CE1.5	1.5	466	305	150	115	195	-	320	160	-	210	260	105	18	270	G3/4	50 (Rc2)	40 (Rc1 1/2)	120	42
	KN2-505CE2.2	2.2	458	305	150	115	195	317	320	160	-	210	260	111	18	282	G3/4	50 (Rc2)	40 (Rc1 1/2)	120	48
	KN2-505CE3.7	3.7	498	317	162	20	100	329	340	70	200	280	314	6	53	294	G3/4	50 (Rc2)	40 (Rc1 1/2)	120	72
	KN2-505CE5.5	5.5	559	355	180	30	110	374	410	80	250	280	314	3	49	338	G1	50 (Rc2)	40 (Rc1 1/2)	120	93
	KN2-505CE7.5	7.5	621	355	180	30	155	386	410	80	250	280	314	−23	49	350	G1	50 (Rc2)	40 (Rc1 1/2)	120	108
65 × 50	KN2-655CE3.7	3.7	518	335	170	10	110	337	340	70	200	280	314	16	53	302	G3/4	65 (Rc2 1/2)	50 (Rc2)	140	74
	KN2-655CE5.5	5.5	579	390	200	45	145	394	460	105	250	315	349	−12	67	358	G1	65 (Rc2 1/2)	50 (Rc2)	140	98
	KN2-655CE7.5	7.5	596	390	200	45	145	406	460	105	250	315	349	−38	67	370	G1	65 (Rc2 1/2)	50 (Rc2)	140	111

Note 1) H is omitted in case H ≦ DH
Note 2) <-> shows revers direction to the drawing in this table

KN(2)-C/Hd/500 E

60Hz

Unit : mm

bore d1×d2	Model	Motor kW	Combinations TL	DH	SH	AD	FA	H	BL	BA	BM	BP	BW	ZF1	ZF2	ZH	Z	Flange dimension d1	d2	g1	Mass kg
32	KN2-326-C0.4S	0.4	416	278	143	75	140	284	250	110	–	160	200	101	30	237	–	32 (Rc1 1/4)	32 (Rc1 1/4)	100	30
	KN-326-CN0.4T	0.4	416	278	143	75	140	284	250	110	–	160	200	101	30	237	–	32 (Rc1 1/4)	32 (Rc1 1/4)	100	30
	KN326CE0.75	0.75	421	278	143	75	140	–	250	110	–	160	200	106	26	235	G3/4	32 (Rc1 1/4)	32 (Rc1 1/4)	100	33
	KN2-326CE1.5	1.5	461	278	143	75	140	298	250	110	–	160	200	155	−7	263	G3/4	32 (Rc1 1/4)	32 (Rc1 1/4)	100	39
	KN2-326CE2.2	2.2	493	305	150	115	220	317	320	160	–	210	260	121	18	282	G3/4	32 (Rc1 1/4)	32 (Rc1 1/4)	100	57
40 × 32	KN406CE0.75	0.75	425	305	160	20	100	–	340	70	200	250	284	−50	71	252	G3/4	40 (Rc1 1/2)	32 (Rc1 1/4)	105	38
	KN2-406CE1.5	1.5	466	288	143	80	160	298	250	125	–	180	230	140	3	263	G3/4	40 (Rc1 1/2)	32 (Rc1 1/4)	105	40
	KN2-406CE2.2	2.2	458	288	143	80	160	310	250	125	–	180	230	146	3	275	G3/4	40 (Rc1 1/2)	32 (Rc1 1/4)	105	46
	KN2-406CE3.7	3.7	498	340	170	20	100	–	340	70	200	280	314	6	53	302	G3/4	40 (Rc1 1/2)	32 (Rc1 1/4)	105	70
	KN2-406CE5.5	5.5	559	340	170	30	110	364	410	80	250	280	314	3	49	328	G1	40 (Rc1 1/2)	32 (Rc1 1/4)	105	87
50 × 40	KN2-506CE1.5	1.5	466	305	150	115	195	–	320	160	–	210	260	105	18	270	G3/4	50 (Rc2)	40 (Rc1 1/2)	120	42
	KN2-506CE2.2	2.2	458	305	150	115	195	317	320	160	–	210	260	111	18	282	G3/4	50 (Rc2)	40 (Rc1 1/2)	120	48
	KN2-506CE3.7	3.7	498	317	162	20	100	329	340	70	200	280	314	6	53	294	G3/4	50 (Rc2)	40 (Rc1 1/2)	120	72
	KN2-506CE5.5	5.5	559	355	180	30	110	374	410	80	250	280	314	3	49	338	G1	50 (Rc2)	40 (Rc1 1/2)	120	93
	KN2-506CE7.5	7.5	576	355	180	30	110	386	410	80	250	280	314	−23	49	350	G1	50 (Rc2)	40 (Rc1 1/2)	120	101
65 × 50	KN2-656CE3.7	3.7	518	335	170	10	110	337	340	70	200	280	314	16	53	302	G3/4	65 (Rc2 1/2)	50 (Rc2)	140	74
	KN2-656CE5.5	5.5	579	390	200	45	145	394	460	105	250	315	349	−12	67	358	G1	65 (Rc2 1/2)	50 (Rc2)	140	98
	KN2-656CE7.5	7.5	596	390	200	45	145	406	460	105	250	315	349	−38	67	370	G1	65 (Rc2 1/2)	50 (Rc2)	140	110

Note 1) H is omitted in case H ≦ DH
Note 2) <-> shows revers direction to the drawing in this table

KN(2)-C/Hd/600 E

GS$^{2}_{3}$-C Type Self-priming turbine pump 2 pole

Application

(Please inquire in case drinking water application)

Features

- Compact and light weight
- Self-priming pump construction does not require foot valve
- Pump and motor are mono-block construction, shaft alignment works is not necessary
- Easy maintenance and inspection due to back pull out construction
- TEFC electric motor as standard

Standard specifications

• Liquid	Clean water 0~45˚C (however there should be no freezing) (0.25kW : 0~40˚C)
• Materials	Impeller : Cast iron (A part of models : Bronze or Resin) Shaft : SUS304, SUS403 (5.5kW or more) (portion contacting liquid) Casing : Cast iron
• Shaft sealing	Mechanical seal (Ceramic x Carbon)
• Motor	TEFC indoor (Pump should be installed indoor) Single phase (only 0.4kW or less), Three phase

Maximum back pressure

0.1MPa

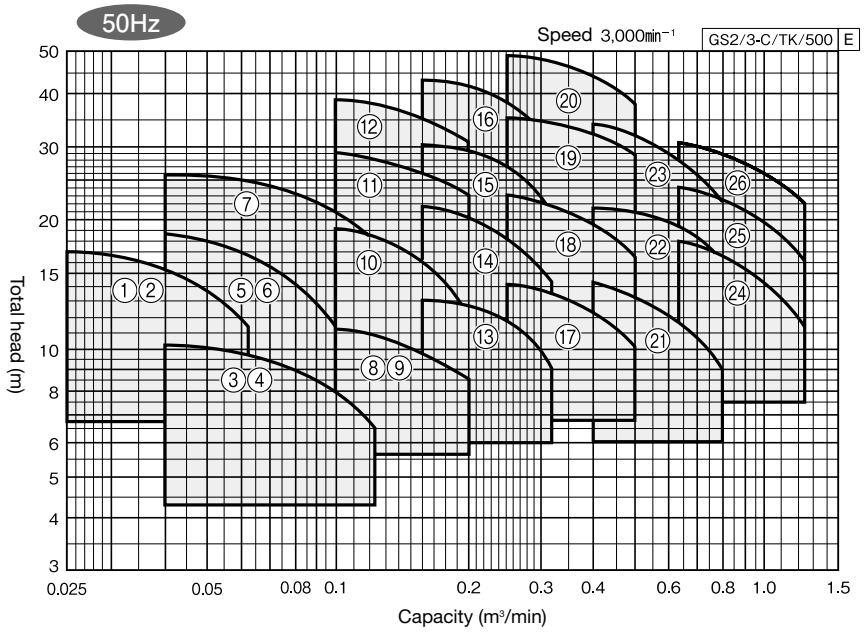
Standard accessories

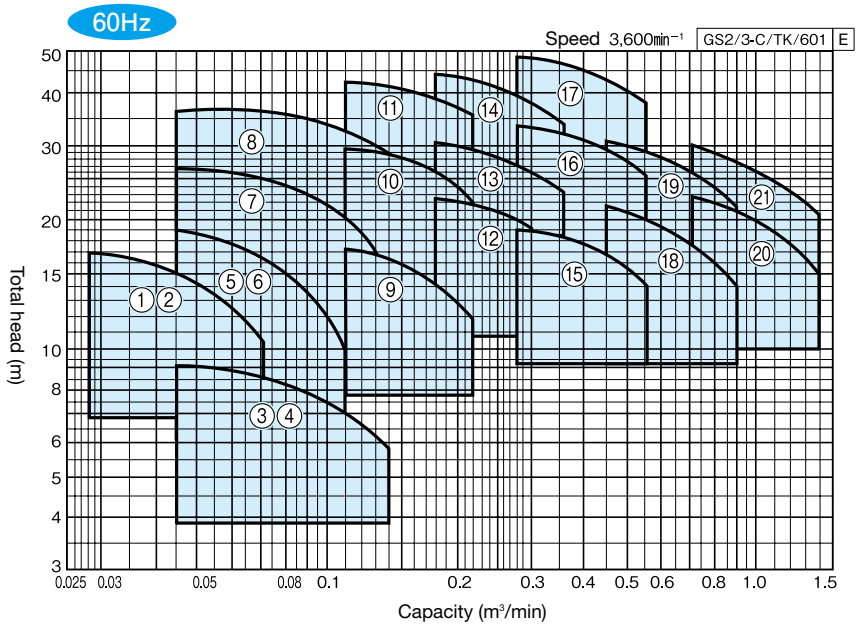
Base, Strainer, Companion flanges,
Priming and exhaust valve (except bore 25mm and 32mm models)

Maximum suction total head (20℃)

Model	Maximum suction total head
GS2-325-C0.25$^{S}_{T}$、326-C0.25$^{S}_{T}$	−4.5m
GS2-405-C0.4S	−5m
Others	−6m

Selection chart





Specification table

50Hz

GS2/3-C/SI/501 E

Bore	Ref	Model	Motor	Power supply	Standard specifications				Vibration isolator application table	
					Capacity	Total head	Capacity	Total head		
mm			kW	Phase	m³/min	m	m³/min	m		
25	1	GS2-255-C0.25S	0.25	Single	0.025	17	0.063	11.5	QRE-01A	PX-60ZY
	2	GS2-255-C0.25T	0.25	Three	0.025	17	0.063	11.5	QRE-01A	PX-60ZY
32	3	GS2-325-C0.25S	0.25	Single	0.04	10.2	0.125	6.5	QRE-01A	PX-60ZY
	4	GS2-325-C0.25T	0.25	Three	0.04	10.2	0.125	6.5	QRE-01A	PX-60ZY
	5	GS2-325-C0.4S	0.4	Single	0.04	18.8	0.1	11.5	QRE-01A	PX-60Z
	6	GS2-325-C0.4T	0.4	Three	0.04	18.8	0.1	11.5	QRE-01A	PX-60Z
	7	GS3-325CE0.75	0.75	Three	0.04	25.5	0.125	18	QRE-01A	PX-60Z
40	8	GS2-405-C0.4S	0.4	Single	0.1	11.2	0.2	8.5	QRE-01A	PX-60Z
	9	GS2-405-C0.4T	0.4	Three	0.1	11.2	0.2	8.5	QRE-01A	PX-60Z
	10	GS3-405CE0.75	0.75	Three	0.1	19	0.2	12	QRE-01A	PX-60Z
	11	GS3-405CE1.5	1.5	Three	0.1	29	0.2	23	QRE-01A	PX-60Z
	12	GS3-405CE2.2	2.2	Three	0.1	38.5	0.2	30.5	QRE-01A	PX-60Z
50	13	GS3-505CE0.75	0.75	Three	0.16	13	0.32	9.2	QRE-01A	PX-60Z
	14	GS3-505CE1.5	1.5	Three	0.16	21.5	0.32	14.5	QRE-01A	PX-60Z
	15	GS3-505CE2.2	2.2	Three	0.16	30.5	0.32	21.5	QRE-01A	PX-60Z
	16	GS3-505CE3.7	3.7	Three	0.16	43	0.32	32	QRE-01A	PX-60Z
65	17	GS3-655CE1.5	1.5	Three	0.25	14.2	0.5	10.2	QRE-01A	PX-60Z
	18	GS3-655CE2.2	2.2	Three	0.25	23	0.5	16.5	QRE-01A	PX-60Z
	19	GS3-655CE3.7	3.7	Three	0.25	35.5	0.5	28.5	QRE-02A	PX-85Z
	20	GS3-655CE5.5	5.5	Three	0.25	49	0.5	38	QRE-03A	PX-85Z
80	21	GS3-805CE2.2	2.2	Three	0.4	14.2	0.8	9	QRE-01A	PX-60Z
	22	GS3-805CE3.7	3.7	Three	0.4	21.5	0.8	16.5	QRE-01A	PX-60Z
	23	GS3-805CE5.5	5.5	Three	0.4	34.5	0.8	22	QRE-03A	PX-85Z
100	24	GS3-1005CE3.7	3.7	Three	0.63	17.8	1.25	11.5	QRE-03A	PX-85Z
	25	GS3-1005CE5.5	5.5	Three	0.63	24	1.25	16.5	QRE-05A	PX-85Z
	26	GS3-1005CE7.5	7.5	Three	0.63	30.5	1.25	22	QRE-05A	PX-85Z

60Hz

GS2/3-C/SI/602 E

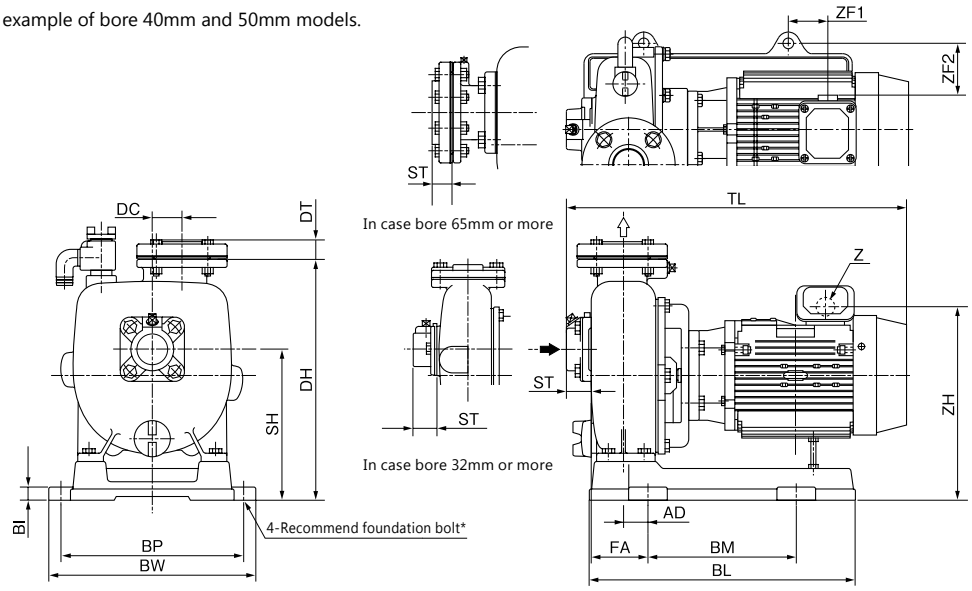
Bore	Ref	Model	Motor	Power supply	Standard specifications				Vibration isolator application table	
					Capacity	Total head	Capacity	Total head		
mm			kW	Phase	m³/min	m	m³/min	m		
25	1	GS2-256-C0.25S	0.25	Single	0.028	17	0.071	10.2	QRE-01A	PX-60ZY
	2	GS2-256-C0.25T	0.25	Three	0.028	17	0.071	10.2	QRE-01A	PX-60ZY
32	3	GS2-326-C0.25S	0.25	Single	0.045	9.2	0.14	5.8	QRE-01A	PX-60ZY
	4	GS2-326-C0.25T	0.25	Three	0.045	9.2	0.14	5.8	QRE-01A	PX-60ZY
	5	GS2-326-C0.4S	0.4	Single	0.045	19	0.11	10	QRE-01A	PX-60Z
	6	GS2-326-C0.4T	0.4	Three	0.045	19	0.11	10	QRE-01A	PX-60Z
	7	GS3-326CE0.75	0.75	Three	0.045	26.5	0.14	15	QRE-01A	PX-60Z
	8	GS3-326CE1.5	1.5	Three	0.045	36.5	0.16	25	QRE-01A	PX-60Z
40	9	GS3-406CE0.75	0.75	Three	0.11	17.2	0.22	11.8	QRE-01A	PX-60Z
	10	GS3-406CE1.5	1.5	Three	0.11	29.5	0.22	22	QRE-01A	PX-60Z
	11	GS3-406CE2.2	2.2	Three	0.11	42	0.22	35	QRE-01A	PX-60Z
50	12	GS3-506CE1.5	1.5	Three	0.18	22.5	0.36	16.2	QRE-01A	PX-60Z
	13	GS3-506CE2.2	2.2	Three	0.18	30.5	0.36	23	QRE-02A	PX-60Z
	14	GS3-506CE3.7	3.7	Three	0.18	44	0.36	33	QRE-01A	PX-60Z
65	15	GS3-656CE2.2	2.2	Three	0.28	19.2	0.56	14.2	QRE-01A	PX-60Z
	16	GS3-656CE3.7	3.7	Three	0.28	33.5	0.56	25.5	QRE-01A	PX-60Z
	17	GS3-656CE5.5	5.5	Three	0.28	47	0.56	37	QRE-03A	PX-85Z
80	18	GS3-806CE3.7	3.7	Three	0.45	21.5	0.9	14	QRE-01A	PX-60Z
	19	GS3-806CE5.5	5.5	Three	0.45	30.5	0.9	21.5	QRE-03A	PX-85Z
100	20	GS3-1006CE5.5	5.5	Three	0.71	22.5	1.4	15	QRE-05A	PX-85Z
	21	GS3-1006CE7.5	7.5	Three	0.71	30	1.4	20.5	QRE-05A	PX-85Z

GS$^{2}_{3}$-C Type

Outline dimension table

Inquire specification sheets and drawings in case of actual work planing

The drawing shows a example of bore 40mm and 50mm models.



Note) No terminal box in case 0.25kW or less.

* Foundation bolts are optional accessories

· Recommend foundation bolt size
M12×160 (Bore 65mm 3.7kW or more and bore 80mm 5.5kW models and Bore 100 mm: M16×200)

GS2/3-C/D/500 E

50Hz

Unit : mm

Bore	Model	Motor kW	Material of impeller	Pump DC	ST	DT	Base BI	BL	BM	BW	BP	Combinations TL	FA	AD	SH	DH	Others ZF1	ZF2	ZH	Z	Mass kg
25	GS2-255-C0.25S	0.25	Resin	40	43	25	20	280	170	284	250	407	47	10	165	260	16	71	210	φ16	24
	GS2-255-C0.25T	0.25		40	43	25	20	280	170	284	250	407	47	10	165	260	16	71	210	φ16	20
32	GS2-325-C0.25S	0.25	Bronze	30	38	23	20	280	170	244	210	413	65	15	165	250	5	51	225	φ16	23
	GS2-325-C0.25T	0.25		30	38	23	20	280	170	244	210	413	65	15	165	250	5	51	225	φ16	19
	GS2-325-C0.4S	0.4		40	38	23	20	357	200	284	250	408	50	12	190	305	25	71	247	φ16	30
	GS2-325-C0.4T	0.4		40	38	23	20	357	200	284	250	408	50	12	190	305	25	71	245	φ16	26
	GS3-325CE0.75	0.75		40	38	23	20	357	200	284	250	465	55	5	212	327	65	62	289	G3/4	40
40	GS2-405-C0.4S	0.4	Cast Iron	35	38	25	20	357	200	284	250	426	57	2	212	327	14	71	259	φ16	33
	GS2-405-C0.4T	0.4		35	38	25	20	357	200	284	250	426	57	2	212	327	14	71	257	φ16	32
	GS3-405CE0.75	0.75		35	38	25	20	357	200	284	250	467	57	2	212	327	65	62	289	G3/4	40
	GS3-405CE1.5	1.5	Bronze	50	38	25	20	398	250	314	280	493	63	13	232	377	19	80	316	G3/4	53
	GS3-405CE2.2	2.2		50	38	25	20	450	250	344	310	517	88	38	245	400	18	95	329	G3/4	60
50	GS3-505CE0.75	0.75	Cast Iron	40	38	27	20	357	200	284	250	484	72	7	217	327	67	62	289	G3/4	42
	GS3-505CE1.5	1.5		40	38	27	20	357	200	284	250	502	72	7	217	327	69	65	296	G3/4	47
	GS3-505CE2.2	2.2		50	38	27	20	398	250	314	280	527	73	18	237	377	43	80	316	G3/4	57
	GS3-505CE3.7	3.7		50	38	27	20	450	250	344	310	552	98	43	250	400	75	92	357	G3/4	72
65	GS3-655CE1.5	1.5	Cast Iron	52	31	31	20	398	250	314	280	584	136	−7	247	397	44	80	316	G3/4	61
	GS3-655CE2.2	2.2		52	31	31	20	398	250	314	280	608	136	−7	247	397	68	80	316	G3/4	65
	GS3-655CE3.7	3.7		55	31	31	25	531	320	404	360	634	160	17	285	460	31	117	382	G3/4	81
	GS3-655CE5.5	5.5		55	31	31	25	531	320	404	360	713	160	17	285	460	48	69	432	G1 1/2	123
80	GS3-805CE2.2	2.2	Cast Iron	50	33	33	20	398	250	314	280	645	171	3	252	417	68	80	316	G3/4	67
	GS3-805CE3.7	3.7		50	33	33	20	398	250	314	280	670	171	3	252	417	125	77	344	G3/4	78
	GS3-805CE5.5	5.5		50	33	33	25	531	320	404	360	750	195	27	290	480	48	69	432	G1 1/2	130
100	GS3-1005CE3.7	3.7	Cast Iron	60	39	39	25	531	320	404	360	697	188	5	300	480	58	117	382	G3/4	112
	GS3-1005CE5.5	5.5		60	39	39	25	531	320	404	360	776	188	5	300	480	75	69	432	G1 1/2	138
	GS3-1005CE7.5	7.5		60	39	39	25	531	320	404	360	776	188	5	300	480	75	69	432	G1 1/2	141

Note) <-> shows revers direction to the drawing in this table

GS2/3-C/d/500 E

60Hz

Unit : mm

Bore	Model	Motor	Material of impeller	Pump			Base					Combinations					Others				Mass
mm		kW		DC	ST	DT	Bl	BL	BM	BW	BP	TL	FA	AD	SH	DH	ZF1	ZF2	ZH	Z	kg
25	GS2-256-C0.25S	0.25	Resin	40	43	25	20	280	170	284	250	407	47	10	165	260	16	71	225	φ16	24
	GS2-256-C0.25T	0.25		40	43	25	20	280	170	284	250	407	47	10	165	260	16	71	225	φ16	20
32	GS2-326-C0.25S	0.25	Bronze	30	38	23	20	280	170	244	210	413	65	15	165	250	5	51	210	φ16	23
	GS2-326-C0.25T	0.25		30	38	23	20	280	170	244	210	413	65	15	165	250	5	51	210	φ16	19
	GS2-326-C0.4S	0.4	Resin	40	38	23	20	357	200	284	250	408	50	12	190	305	25	71	247	φ16	30
	GS2-326-C0.4T	0.4		40	38	23	20	357	200	284	250	408	50	12	190	305	25	71	245	φ16	26
	GS3-326CE0.75	0.75	Bronze	40	38	23	20	357	200	284	250	465	55	5	212	327	65	62	289	G3/4	40
	GS3-326CE1.5	1.5		40	38	23	20	357	200	284	250	485	55	5	212	327	69	65	296	G3/4	45
40	GS3-406CE0.75	0.75	Cast Iron	35	38	25	20	357	200	284	250	469	57	2	212	327	67	62	289	G3/4	40
	GS3-406CE1.5	1.5		35	38	25	20	357	200	284	250	487	57	2	212	327	69	65	296	G3/4	45
	GS3-406CE2.2	2.2	Bronze	50	38	25	20	398	250	314	280	517	63	13	232	377	43	80	316	G3/4	56
50	GS3-506CE1.5	1.5	Cast Iron	40	38	27	20	357	200	284	250	504	72	7	217	327	71	65	296	G3/4	47
	GS3-506CE2.2	2.2		40	38	27	20	357	200	284	250	526	72	7	217	327	93	65	296	G3/4	49
	GS3-506CE3.7	3.7		50	38	27	20	398	250	314	280	552	73	18	237	377	100	77	344	G3/4	69
65	GS3-656CE2.2	2.2	Cast Iron	52	31	31	20	398	250	314	280	608	136	−7	247	397	68	80	316	G3/4	64
	GS3-656CE3.7	3.7		52	31	31	20	398	250	314	280	633	136	−7	247	397	125	77	344	G3/4	74
	GS3-656CE5.5	5.5		55	31	31	25	531	320	404	360	713	160	17	285	460	48	69	432	G1 1/2	122
80	GS3-806CE3.7	3.7	Cast Iron	50	33	33	20	398	250	314	280	670	171	3	252	417	125	77	344	G3/4	78
	GS3-806CE5.5	5.5		50	33	33	25	531	320	404	360	750	195	27	290	480	48	69	432	G1 1/2	130
100	GS3-1006CE5.5	5.5	Cast Iron	60	39	39	25	531	320	404	360	776	188	5	300	480	75	69	432	G1 1/2	137
	GS3-1006CE7.5	7.5		60	39	39	25	531	320	404	360	776	188	5	300	480	75	69	432	G1 1/2	141

Note) <-> shows revers direction to the drawing in this table

GS2/3-C/d/600 E

Compact multi-stage

GSN(2)-C Type Nylon coating self-priming multi-stage pump 2 pole

Maximum suction total head (20˚C)

−6m

Application

(Please inquire in case drinking water application)

Features

- Adoption of low noise type TEFC motor
- Preventing red discolorment of water by exclusively design as nylon coating
- Self-priming pump construction does not require foot valve and makes priming works easier
- Easy maintenance and inspection due to back pull out construction
- Compact, light weight and less installation space by adoption of 2 pole electric motor
- Pump and motor are mono-block construction, shaft alignment works is not necessary
- Outdoor installation available (expect 0.4kW single phase model)

Standard specifications

- Liquid: Clean water 0~45˚C (however there should be no freezing)
- Materials: Impeller : Bronze
  Shaft : SUS304 (portion contacting liquid)
  Casing : Cast iron + Nylon coating
- Shaft sealing: Mechanical seal (Ceramic x Carbon)
- Motor: TEFC outdoor
  Single phase, Three phase

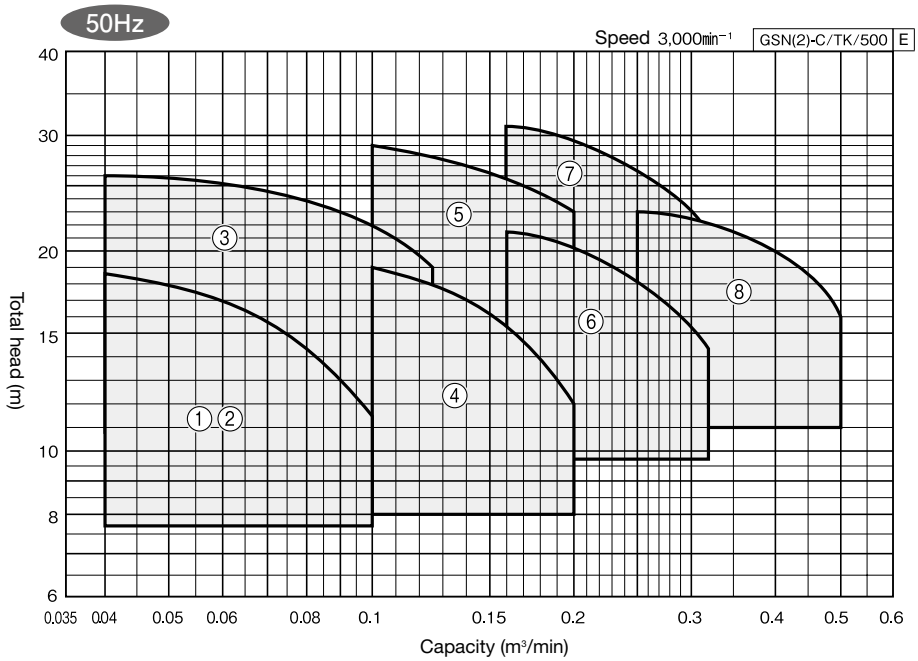
Standard accessories

Base, thermostat, Companion flanges

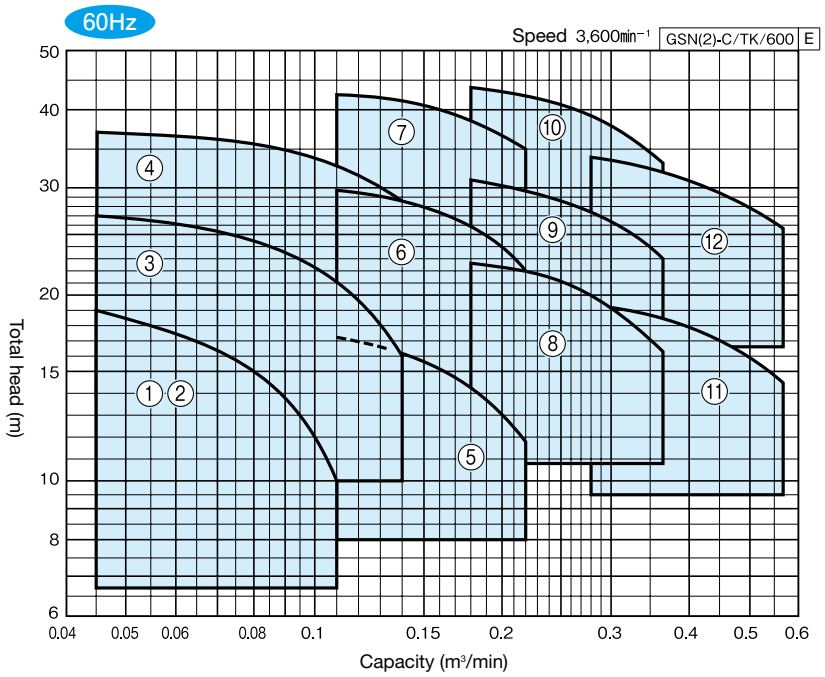
Maximum back pressure

0.1MPa

Selection chart



GSN(2)-C Type



Specification table

50Hz

GSN(2)-C/SI/500 E

Bore	Ref	Model	Motor	Power supply	Standard specifications				Vibration isolator application table	
					Capacity	Total head	Capacity	Total head		
mm			kW	Phase	m³/min	m	m³/min	m		
32	1	GSN-325-C0.4S	0.4	Single	0.04	18.8	0.1	11.5	QRE-01A	PX-60ZY
	2	GSN-325-C0.4T	0.4	Three	0.04	18.8	0.1	11.5		
	3	GSN2-325CE0.75	0.75	Three	0.04	26	0.125	19		PX-60Z
40	4	GSN2-405CE0.75	0.75	Three	0.1	19	0.2	12	QRE-01A	PX-60Z
	5	GSN2-405CE1.5	1.5	Three	0.1	29	0.2	23		
50	6	GSN2-505CE1.5	1.5	Three	0.16	21.5	0.32	14.5	QRE-01A	PX-60Z
	7	GSN2-505CE2.2	2.2	Three	0.16	30.5	0.32	21.5		
65	8	GSN2-655CE2.2	2.2	Three	0.25	23	0.5	16.5	QRE-01A	PX-60Z

60Hz

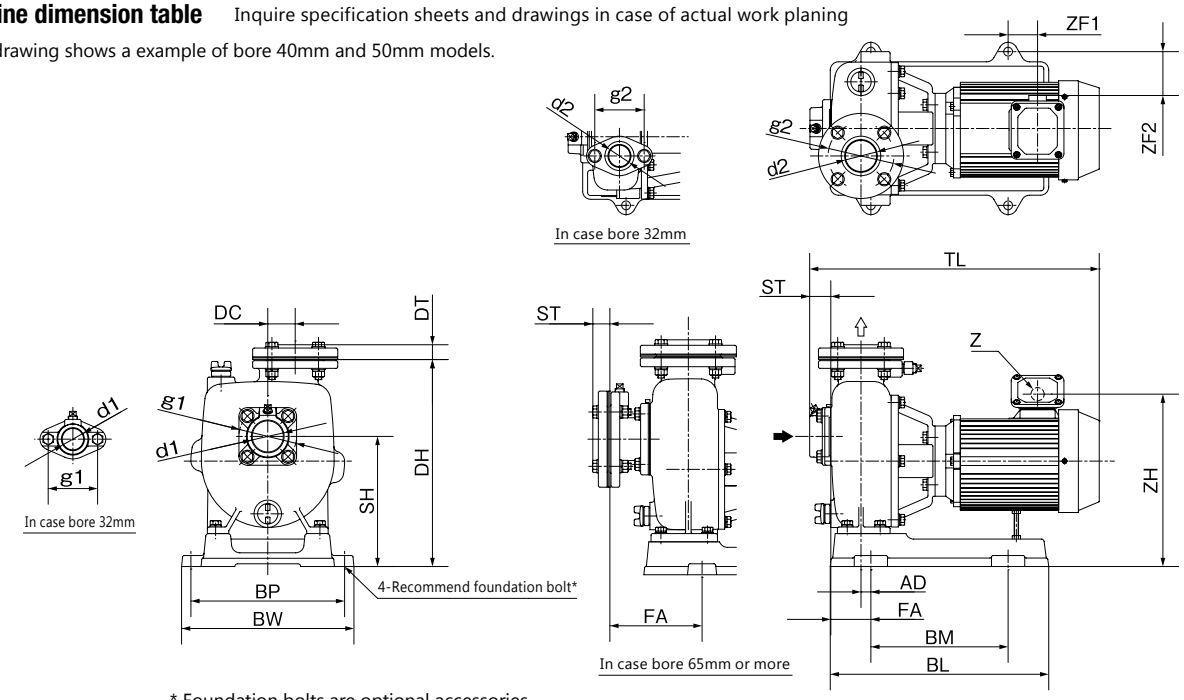
GSN(2)-C/SI/601 E

Bore	Ref	Model	Motor	Power supply	Standard specifications				Vibration isolator application table	
					Capacity	Total head	Capacity	Total head		
mm			kW	Phase	m³/min	m	m³/min	m		
32	1	GSN-326-C0.4S	0.4	Single	0.045	19	0.11	10	QRE-01A	PX-60ZY
	2	GSN-326-C0.4T	0.4	Three	0.045	19	0.11	10		
	3	GSN2-326CE0.75	0.75	Three	0.045	27	0.14	16		PX-60Z
	4	GSN2-326CE1.5	1.5	Three	0.045	36.5	0.16	25		
40	5	GSN2-406CE0.75	0.75	Three	0.11	17.2	0.22	11.8	QRE-01A	PX-60Z
	6	GSN2-406CE1.5	1.5	Three	0.11	29.5	0.22	22		
	7	GSN2-406CE2.2	2.2	Three	0.11	42	0.22	35		
50	8	GSN2-506CE1.5	1.5	Three	0.18	22.5	0.36	16.2		
	9	GSN2-506CE2.2	2.2	Three	0.18	30.5	0.36	23		
	10	GSN2-506CE3.7	3.7	Three	0.18	44	0.36	33		
65	11	GSN2-656CE2.2	2.2	Three	0.28	19.2	0.56	14.2	QRE-01A	PX-60Z
	12	GSN2-656CE3.7	3.7	Three	0.28	33.5	0.56	25.5		

Outline dimension table

Inquire specification sheets and drawings in case of actual work planing

The drawing shows a example of bore 40mm and 50mm models.



* Foundation bolts are optional accessories
· Recommend foundation bolt size: M12×160

GSN(2)-C/D/000 E

50Hz

Unit : mm

Bore	Model	Pump			Base				Combinations					Others				Mass
d		DC	ST	DT	BL	BM	BW	BP	TL	FA	AD	SH	DH	ZF1	ZF2	ZH	Z	kg
32	GSN-325-C0.4S	40	38	23	357	200	284	250	408	52	12	190	305	−27	71	247	φ16	28.5
	GSN-325-C0.4T	40	38	23	357	200	284	250	408	52	12	190	305	−27	71	245	φ16	24.0
	GSN2-325CE0.75	40	38	23	357	200	284	250	465	55	5	212	327	65	62	289	G3/4	40.0
40	GSN2-405CE0.75	35	38	25	357	200	284	250	467	57	2	212	327	65	62	289	G3/4	40.0
	GSN2-405CE1.5	50	38	25	398	250	314	280	493	63	13	232	377	19	80	316	G3/4	53.0
50	GSN2-505CE1.5	40	38	27	357	200	284	250	502	72	7	217	327	69	65	291	G3/4	47.0
	GSN2-505CE2.2	50	38	27	398	250	314	280	527	73	18	237	377	43	80	316	G3/4	57.0
65	GSN2-655CE2.2	52	31	31	398	250	314	280	608	136	−7	247	397	68	80	316	G3/4	65.0

Note) <-> shows revers direction to the drawing in this table

GSN(2)-C/d/500 E

60Hz

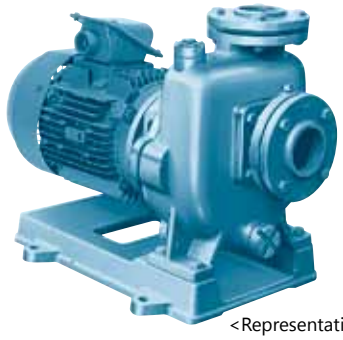
Unit : mm

Bore	Model	Pump			Base				Combinations					Others				Mass
d		DC	ST	DT	BL	BM	BW	BP	TL	FA	AD	SH	DH	ZF1	ZF2	ZH	Z	kg
32	GSN-326-C0.4S	40	38	23	357	200	284	250	408	52	12	190	305	−27	71	247	φ16	28.5
	GSN-326-C0.4T	40	38	23	357	200	284	250	408	52	12	190	305	−27	71	245	φ16	24.0
	GSN2-326CE0.75	40	38	23	357	200	284	250	465	55	5	212	327	65	62	289	G3/4	40.0
	GSN2-326CE1.5	40	38	23	357	200	284	250	485	55	5	212	327	69	65	296	G3/4	45.0
40	GSN2-406CE0.75	35	38	25	357	200	284	250	469	57	2	212	327	67	62	291	G3/4	40.0
	GSN2-406CE1.5	35	38	25	357	200	284	250	487	57	2	212	327	69	65	296	G3/4	45.0
	GSN2-406CE2.2	50	38	25	398	250	314	280	517	63	13	232	377	43	80	316	G3/4	56.0
50	GSN2-506CE1.5	40	38	27	357	200	284	250	504	72	7	217	327	71	65	296	G3/4	47.0
	GSN2-506CE2.2	40	38	27	357	200	284	250	526	72	7	217	327	93	65	296	G3/4	49.0
	GSN2-506CE3.7	50	38	27	398	250	314	280	552	73	18	237	377	100	77	344	G3/4	69.0
65	GSN2-656CE2.2	52	31	31	398	250	314	280	608	136	−7	247	397	68	80	316	G3/4	64.0
	GSN2-656CE3.7	52	31	31	398	250	314	280	633	136	−7	247	397	125	77	344	G3/4	74.0

Note) <-> shows revers direction to the drawing in this table

GSN(2)-C/d/600 E

GSS3-C Type Stainless steel self-priming multi-stage pump 2 pole



<Representative>

Application

Features

- Superior corrosion resistance according to all stainless steel materials (portion contacting liquid) are used.
- Suitable for food and beverage industry because pumping liquid does not contain rust and is clean
- Easy maintenance and inspection due to mono-block construction

Standard specifications

- Liquid: Clean water 0~90°C (however there should be no freezing)
- Materials: Impeller : SCS13
Shaft : SUS304
Casing : SCS13
- Motor: TEFC outdoor
(0.4kW model is Open drip proof type),
Three phase

Standard accessories

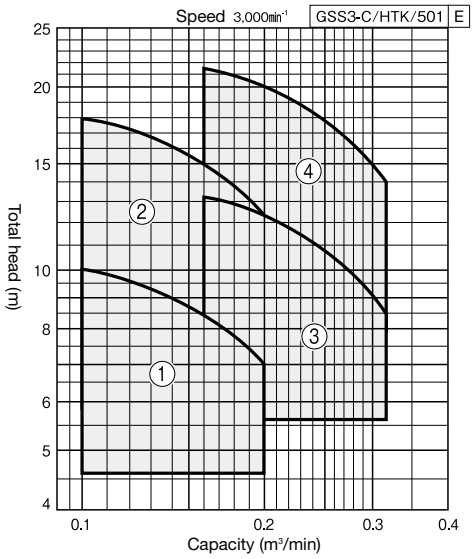
Base, Companion flanges (with packing and bolts)

Maximum suction total head (20℃)

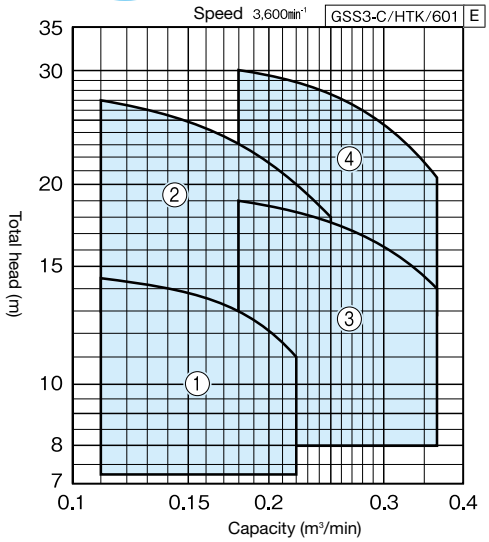
Model	Maximum suction total head
GSS2-405-C0.4	−4.5m
Others	−6m

Selection chart

50Hz



60Hz



Specification table

50Hz

GSS3-C/SI/501 E

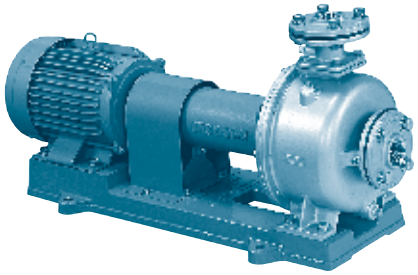
Bore	Ref	Model	Motor	Standard specifications				Vibration isolator application table
				Capacity	Total head	Capacity	Total head	
mm			kW	m³/min	m	m³/min	m	
40	1	GSS-405-C0.4	0.4	0.1	10	0.2	7	QRE-01A
	2	GSS3-405CE0.75	0.75	0.1	17.8	0.2	12.2	
50	3	GSS3-505CE0.75	0.75	0.16	13.2	0.32	8.5	
	4	GSS3-505CE1.5	1.5	0.16	21.5	0.32	14	

60Hz

GSS3-C/SI/601 E

Bore	Ref	Model	Motor	Standard specifications				Vibration isolator application table
				Capacity	Total head	Capacity	Total head	
mm			kW	m³/min	m	m³/min	m	
40	1	GSS3-406CE0.75	0.75	0.11	14.5	0.22	11	QRE-01A
	2	GSS3-406CE1.5	1.5	0.11	27	0.25	18	
50	3	GSS3-506CE1.5	1.5	0.18	19	0.36	14	
	4	GSS3-506CE2.2	2.2	0.18	30	0.36	20.5	QRE-02A

KR5-M Type Stainless steel multi-stage turbine pump 2 pole



Application

Features

- Clean water supply with stainless and resin materials.
- Quiet sound design of pump and electric motor enable operation with lower noise
- Easy maintenance and inspection due to back pull out construction

Standard specifications

• Liquid	Clean water 0~90˚C (however there should be no freezing)
• Materials	Impeller: SCS13 Shaft : SUS304 (portion contacting liquid) Casing : SCS13
• Shaft sealing	Mechanical seal (Ceramic x Carbon)
• Motor	TEFC indoor, Three phase
• Companion flanges	Special flange

Maximum suction total head (20℃)

−6m (KR5-656ME3.7 : -2.5m)

Maximum back pressure

(1−Zero-discharge head of pump) MPa

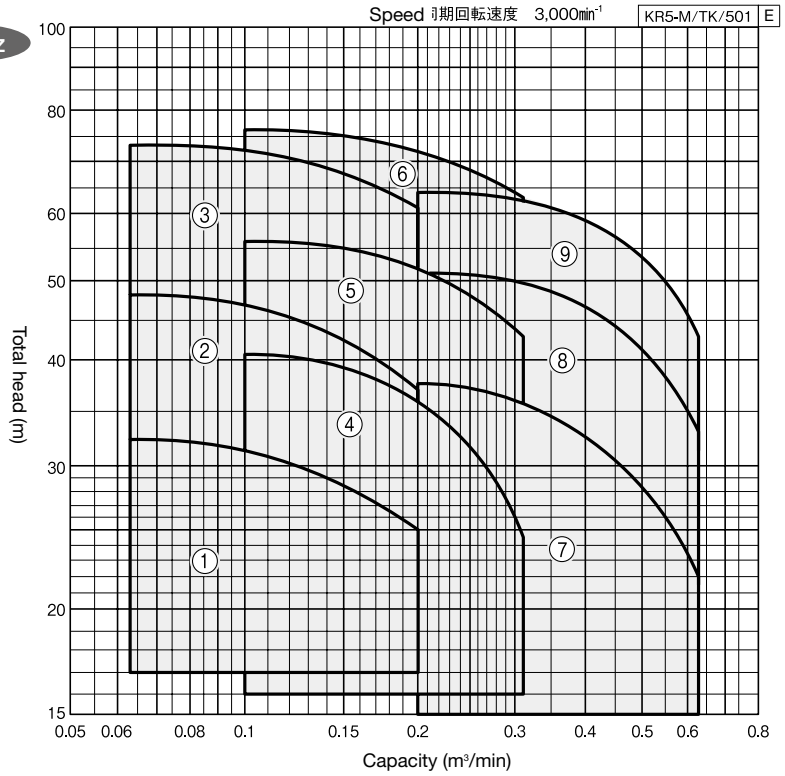
Standard accessories

Motor, Base, connect pipe, Coupling, Companion flanges

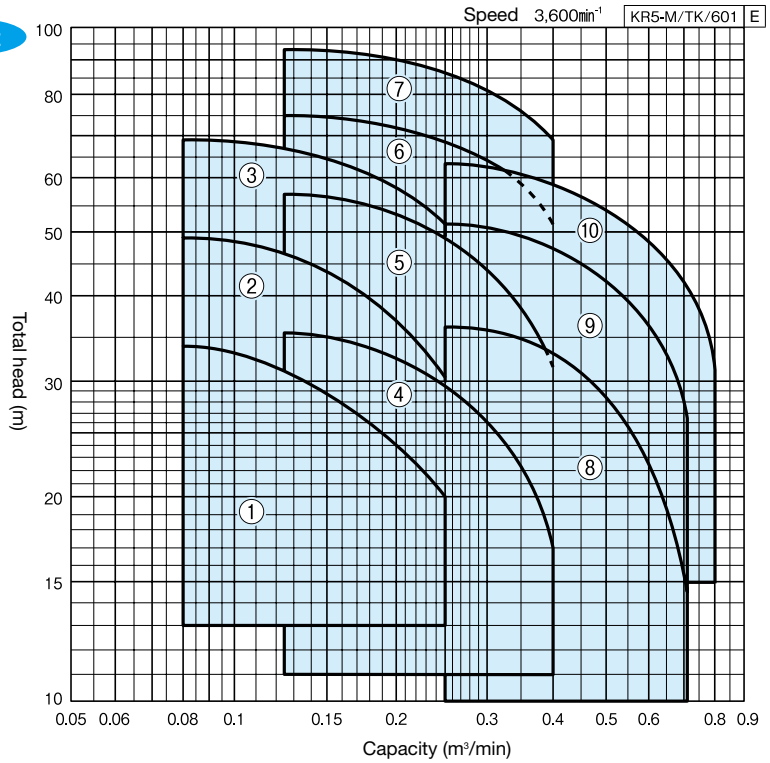
Selection chart

These charts show the performance in case of Kawamoto standard motor. Inquire specification sheets and drawings in case of actual work planing.

50Hz



60Hz



KR5-M Type

Specification table

50Hz

KR5-M/SI/502 E

Suction bore	Discharge bore	Ref	Model	Motor	Performance						Maximum back pressure	Vibration isolator application table	
					Capacity	Total head	Capacity	Total head	Capacity	Total head			
mm	mm			kW	m³/min	m	m³/min	m	m³/min	m	MPa		
40	40	1	KR5-405ME1.5	1.5	0.063	32.5	0.125	30	0.2	25	0.60	QRE-04D	PX-95Z
		2	KR5-405ME2.2	2.2	0.063	48	0.125	45	0.2	37.5	0.45		
		3	KR5-405ME3.7	3.7	0.063	73.5	0.125	70	0.2	61	0.15		
50	40	4	KR5-505ME2.2	2.2	0.1	40.5	0.2	35.5	0.315	24.5	0.50		
		5	KR5-505ME3.7	3.7	0.1	56.5	0.2	52.5	0.315	43	0.35		
		6	KR5-505ME5.5	5.5	0.1	75.5	0.2	72	0.315	63	0.15		
65	50	7	KR5-655ME3.7	3.7	0.2	37.5	0.4	33.5	0.63	22	0.50		
		8	KR5-655ME5.5	5.5	0.2	51	0.4	47	0.63	33	0.40		
		9	KR5-655ME7.5	7.5	0.2	64.5	0.4	58.5	0.63	43	0.25	QRE-05D	

60Hz

KR5-M/SI/602 E

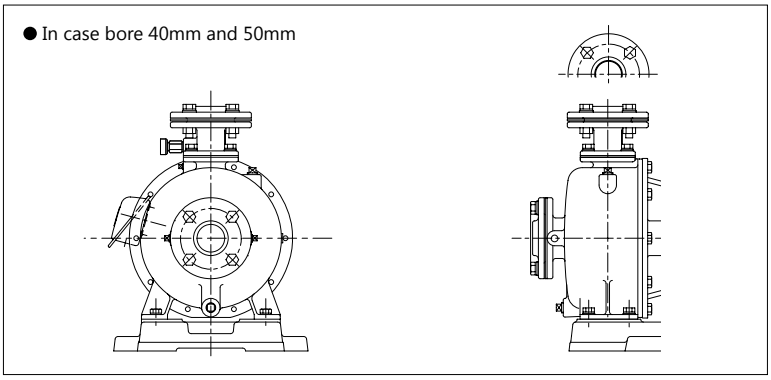
Suction bore	Discharge bore	Ref	Model	Motor	Performance						Maximum back pressure	Vibration isolator application table	
					Capacity	Total head	Capacity	Total head	Capacity	Total head			
mm	mm			kW	m³/min	m	m³/min	m	m³/min	m	MPa		
40	40	1	KR5-406ME1.5	1.5	0.08	33.5	0.16	28	0.25	20	0.60	QRE-04D	PX-95Z
		2	KR5-406ME2.2	2.2	0.08	49	0.16	42.5	0.25	30.5	0.40		
		3	KR5-406ME3.7	3.7	0.08	69.5	0.16	63.5	0.25	52	0.20		
50	40	4	KR5-506ME2.2	2.2	0.125	35.5	0.25	29.5	0.4	17	0.55		
		5	KR5-506ME3.7	3.7	0.125	57	0.25	49	0.4	32	0.35		
		6	KR5-506ME5.5	5.5	0.125	75	0.25	68	0.4	51.5	0.15		
		7	KR5-506ME7.5	7.5	0.125	93.5	0.25	86.5	0.4	69.5	0.04	QRE-05D	
65	50	8	KR5-656ME3.7	3.7	0.25	36.5	0.5	28.5	0.71	14.5	0.50	QRE-04D	
		9	KR5-656ME5.5	5.5	0.25	52	0.5	42	0.71	26.5	0.40		
		10	KR5-656ME7.5	7.5	0.25	63	0.5	54	0.8	32	0.30	QRE-05D	

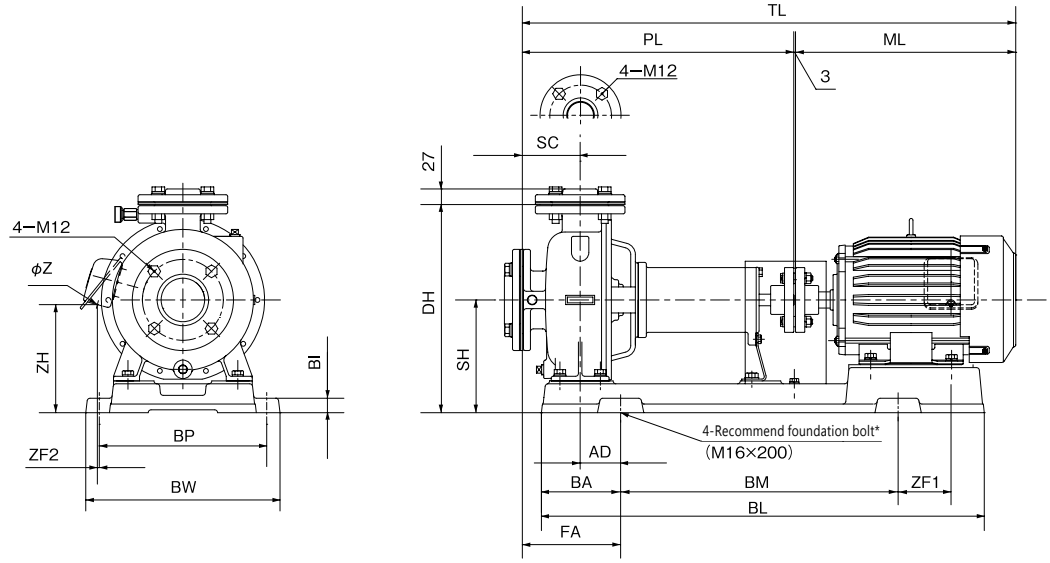
Outline dimension table

Inquire specification sheets and drawings in case of actual work planing

The drawing shows a example of bore 65mm models.

● In case bore 40mm and 50mm





* Foundation bolts are optional accessories

KR5-M/HD/000 E

Unit : mm

50Hz

Suction bore	Discharge bore	Model	Motor	Pump		Base						Combinations										Mass
			kW	SC	PL	Bl	BL	BA	BM	BP	BW	DH	SH	TL	AD	FA	ML	ZH	ZF1	ZF2	Z	kg
40	40	KR5-405ME1.5	1.5	60	444	25	766	137	480	290	336	365	180	759	70	130	312	167	59	−15	27	66
		KR5-405ME2.2	2.2	102	486	25	766	137	480	290	336	365	180	801	70	172	312	167	59	−15	27	69
		KR5-405ME3.7	3.7	105	490	25	766	137	480	290	336	398	195	874	70	175	381	188	107	7	27	93
50	40	KR5-505ME2.2	2.2	102	486	25	766	137	480	290	336	365	180	801	70	172	312	167	59	−15	27	72
		KR5-505ME3.7	3.7	102	486	25	766	137	480	290	336	380	195	870	70	172	381	188	106	7	27	88
		KR5-505ME5.5	5.5	105	480	25	819	138	540	350	396	428	225	934	70	175	451	215	82	−4	27	117
65	50	KR5-655ME3.7	3.7	100	470	25	766	137	480	290	336	360	195	854	70	170	381	188	92	7	27	94
		KR5-655ME5.5	5.5	100	460	25	819	138	540	350	396	415	225	914	70	170	451	215	67	−4	27	115
		KR5-655ME7.5	7.5	100	460	25	819	138	540	350	396	415	225	914	70	170	451	215	67	−4	27	128

Note) <-> shows revers direction to the drawing in this table

KR5-M/Hd/500 E

60Hz

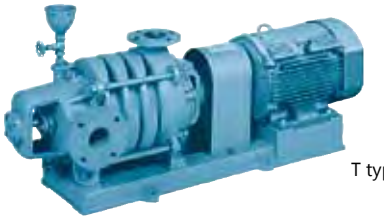
Unit : mm

Suction bore	Discharge bore	Model	Motor	Pump		Base						Combinations										Mass
			kW	SC	PL	Bl	BL	BA	BM	BP	BW	DH	SH	TL	AD	FA	ML	ZH	ZF1	ZF2	Z	kg
40	40	KR5-406ME1.5	1.5	60	444	25	766	137	480	290	336	365	180	759	70	130	312	167	59	−15	27	66
		KR5-406ME2.2	2.2	102	486	25	766	137	480	290	336	365	180	801	70	172	312	167	59	−15	27	69
		KR5-406ME3.7	3.7	102	486	25	766	137	480	290	336	380	195	870	70	172	381	188	106	7	27	88
50	40	KR5-506ME2.2	2.2	60	444	25	766	137	480	290	336	365	180	759	70	130	312	167	59	−15	27	71
		KR5-506ME3.7	3.7	102	486	25	766	137	480	290	336	380	195	870	70	172	381	188	106	7	27	88
		KR5-506ME5.5	5.5	105	480	25	819	138	540	350	396	428	225	934	70	175	451	215	82	−4	27	117
		KR5-506ME7.5	7.5	105	480	25	819	138	540	350	396	428	225	934	70	175	451	215	82	−4	27	129
65	50	KR5-656ME3.7	3.7	100	470	25	766	137	480	290	336	360	195	854	70	170	381	188	92	7	27	94
		KR5-656ME5.5	5.5	100	460	25	819	138	540	350	396	415	225	914	70	170	451	215	67	−4	27	115
		KR5-656ME7.5	7.5	100	460	25	819	138	540	350	396	415	225	914	70	170	451	215	67	−4	27	128

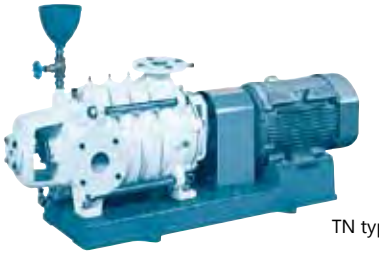
Note) <-> shows revers direction to the drawing in this table

KR5-M/Hd/600 E

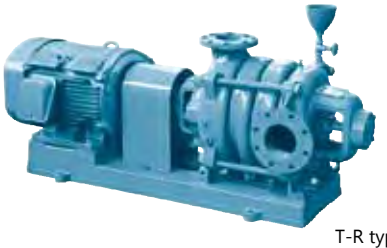
T(N)·TK(N) Type Turbine pump (Multi-stage pump) 4 pole



T type



TN type



T-R type

Application

(TN·TKN type)

Features

- Less installation space according to simple and compact pump construction with light weight
- Other than stadard model (T·TK), Nylon coating type (TN·TKN) is also available
- Evaluated item of <Horizontal centrifugal pump> by (C) Public Buildings Association., Ltd. in Japan.

Maximum suction total head (20℃)

Bore	Maximum suction total head
40~100mm	−6m
125·150mm	−5.5m
200mm	−4m (in case foot valve size 250mm)

Maximum suction total head (20℃)

except a part of models

Standard specifications

- Liquid: Clean water 0~40˚ (however there should be no freezing)
- Materials: Impeller : Bronze
  Shaft : SUS403 (T·TK) SUS304 (TN·TKN)
  Casing : Cast iron (T·TK) Cast iron + Nylon coating (TN·TKN)
- Shaft sealing: Gland packing
- Motor: TEFC indoor Three phase
- Flange: Suction side : JIS 10K thin type
  Discharge side : JIS 10K standard type

Standard accessories

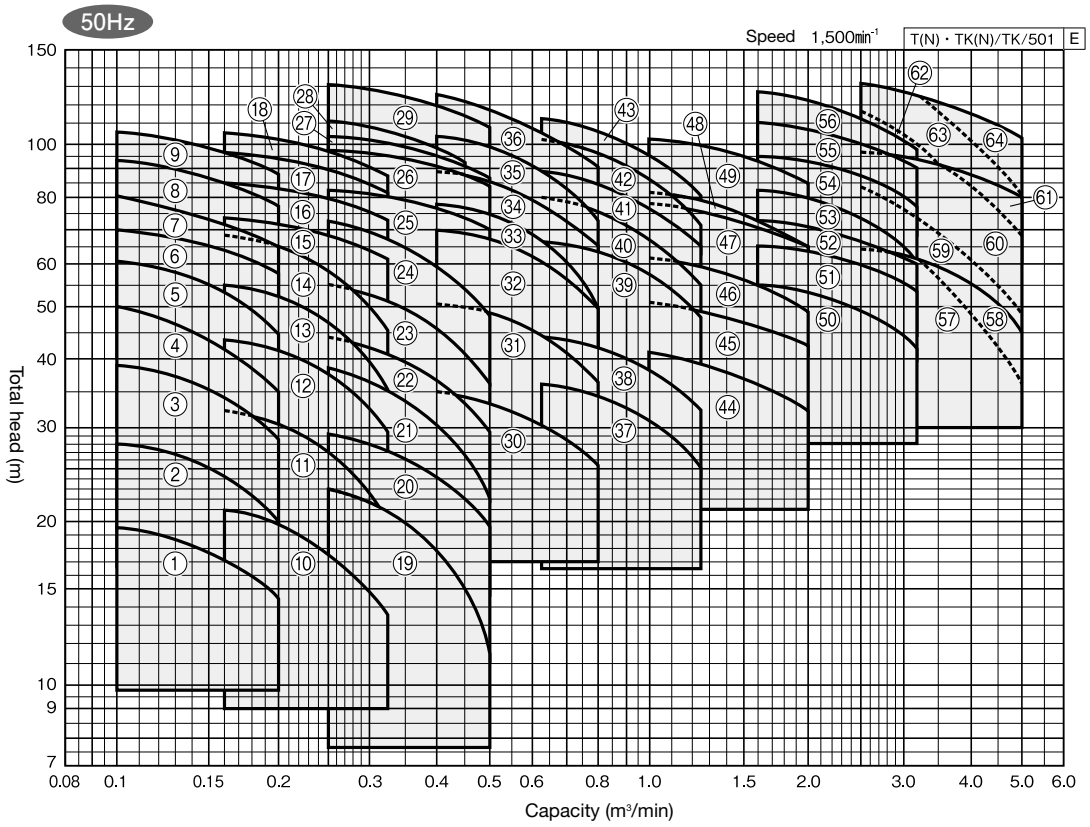
Motor, Base, Coupling, Exhaust valve, Coupling cover, Priming funnel, Priming valve

Variation

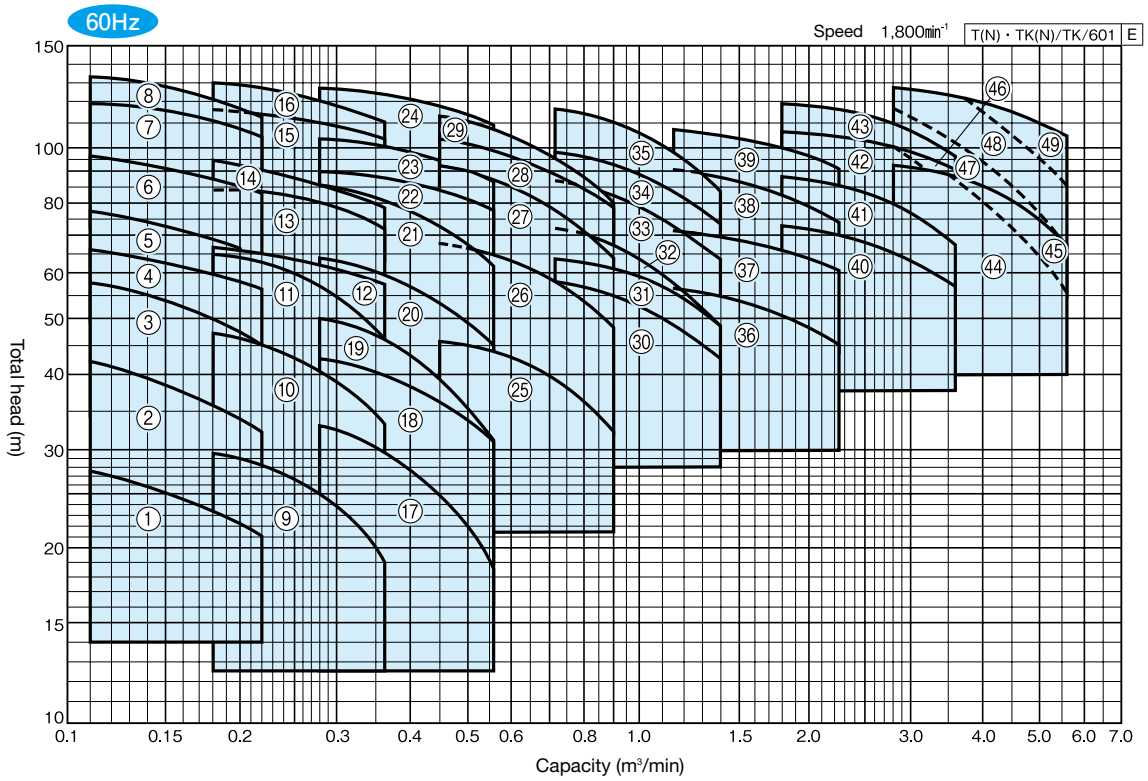
- T(N)·TK(N): Suction direction is left side (viewing from motor)
  T(N)-R·TK(N)-R: Right side suction

Selection chart

These charts show the performance in case of Kawamoto standard motor.
Inquire specification sheets and drawings in case of actual work planing.



These charts show the performance in case of Kawamoto standard motor.
Inquire specification sheets and drawings in case of actual work planing.



Specification table

50Hz

T(N) · TK(N)/HSI/512 E

Bore	Ref	Model	TN TKN	Motor	No. of stage	Performance						Maximum back pressure	Vibration isolator application table	
						Capacity	Total head	Capacity	Total head	Capacity	Total head			
mm				kW		m³/min	m	m³/min	m	m³/min	m	MPa		
40	1	T405×2ME1.5	○	1.5	2	0.1	19.5	0.14	18	0.2	14.5	0.20	QRE-02A	PX-85Z
	2	T405×3ME1.5	○	1.5	3	0.1	28	0.14	26	0.2	20	0.20	QRE-02A	PX-85Z
	3	T405×4ME2.2	○	2.2	4	0.1	39	0.14	36	0.2	28.5	0.20	QRE-04A	PX-95Z
	4	T405×5ME3.7	○	3.7	5	0.1	50	0.14	45	0.2	35	0.20	QRE-04A	PX-110Z
	5	T405×6ME3.7	○	3.7	6	0.1	60	0.14	56	0.2	44.5	0.20	QRE-05A	PX-110Z
	6	TK405×6ME3.7	○	3.7	6	0.1	70	0.14	66	0.2	58	0.20	QRE-07B	PX-120Z
	7	TK405×7ME3.7	○	3.7	7	0.1	80	0.14	74	0.2	64	0.20	QRE-07B	PX-120Z
	8	TK405×8ME5.5	○	5.5	8	0.1	93	0.14	88	0.2	77	0.20	QRE-07B	PX-130Z
	9	TK405×9ME5.5	○	5.5	9	0.1	105	0.14	100	0.2	88.5	0.049	QRE-11D	PX-S146Z
50	10	T505×2ME1.5	○	1.5	2	0.16	21	0.22	19	0.32	13.5	0.20	QRE-02A	PX-85Z
	11	T505×3ME2.2	○	2.2	3	0.16	32	0.22	29	0.32	20	0.20	QRE-04A	PX-95Z
	12	T505×4ME3.7	○	3.7	4	0.16	43	0.22	40	0.32	29	0.20	QRE-05A	PX-110Z
	13	T505×5ME3.7	○	3.7	5	0.16	55	0.22	50	0.32	35	0.20	QRE-05A	PX-110Z
	14	T505×6ME5.5	○	5.5	6	0.16	68	0.22	62	0.32	45	0.20	QRE-07B	PX-120Z
	15	TK505×6ME5.5	○	5.5	6	0.16	73	0.22	70	0.32	61	0.20	QRE-08B	PX-120Z
	16	TK505×7ME7.5	○	7.5	7	0.16	85	0.22	81	0.32	72	0.20	QRE-11D	PX-S146Z
	17	TK505×8ME7.5	○	7.5	8	0.16	97	0.22	92	0.32	81	0.098	QRE-11D	PX-S146Z
	18	TK505×9ME7.5	○	7.5	9	0.16	104	0.22	100	0.32	88.5	0.049	QRE-11D	PX-S146Z

This above notation are in case of T·TK type

Continued on next page

T(N)·TK(N) Type

50Hz

Bore	Ref	Model	TN TKN	Motor	No. of stage	Performance						Maximum back pressure	Vibration isolator application table	
						Capacity	Total head	Capacity	Total head	Capacity	Total head			
mm				kW		m³/min	m	m³/min	m	m³/min	m	MPa		
65	19	T655×2ME2.2	○	2.2	2	0.25	23	0.36	19.2	0.5	11.5	0.20	QRE-02A	PX-95Z
	20	T655×2ME3.7	○	3.7	2	0.25	29	0.36	25.5	0.5	19.5	0.20	QRE-05A	PX-95Z
	21	T655×3ME3.7	○	3.7	3	0.25	38.5	0.36	33	0.5	22	0.20	QRE-05A	PX-110Z
	22	T655×3ME5.5	○	5.5	3	0.25	44	0.36	38.5	0.5	29	0.20	QRE-05D	PX-110Z
	23	T655×4ME5.5	○	5.5	4	0.25	55	0.36	48.5	0.5	35.5	0.20	QRE-06D	PX-110Z
	24	T655×5ME7.5	○	7.5	5	0.25	72	0.36	63	0.5	47.5	0.20	QRE-08B	PX-120Z
	25	TK655×5ME11	○	11	5	0.25	82	0.36	78	0.5	70	0.20	QRE-11D	PX-S146Z
	26	TK655×6ME11	○	11	6	0.25	98	0.36	94	0.5	84	0.20	QRE-11D	PX-S146Z
	27	TK655×7ME11	○	11	7	0.25	103	0.36	98	0.5	86	0.20	QRE-11D	PX-S161Z
	28	TK655×8ME11		11	8	0.25	110	0.36	102	0.45	95	0.098	QRE-11D	PX-S161Z
	29	TK655×9ME15	○	15	9	0.25	130	0.36	123	0.5	108	0.049	PBKV-150-1007-03	PX-S181ZY
80	30	T805×2ME5.5	○	5.5	2	0.4	35	0.56	31.5	0.8	25.5	0.20	QRE-05D	PX-110Z
	31	T805×3ME7.5	○	7.5	3	0.4	51	0.56	46	0.8	36	0.20	QRE-08B	PX-130Z
	32	T805×4ME11	○	11	4	0.4	70	0.56	64	0.8	50	0.20	QRE-09B	PX-130Z
	33	T805×5ME11	○	11	5	0.4	77.5	0.56	70	0.8	50	0.20	QRE-11D	PX-S161Z
	34	T805×5ME15	○	15	5	0.4	89	0.56	81	0.8	65	0.20	QRE-11D	PX-S161Z
	35	T805×6ME15	○	15	6	0.4	103	0.56	93	0.8	72	0.20	QRE-12D	PX-S161Z
	36	T805×7ME18	○	18.5	7	0.4	124	0.56	112	0.8	90.5	0.049	QRE-12D	PX-S181Z
100	37	T1005×2ME7.5	○	7.5	2	0.63	36	0.9	32.5	1.25	24.5	0.20	QRE-09B	PX-120Z
	38	T1005×2ME11	○	11	2	0.63	44.5	0.9	40	1.25	32	0.20	QRE-09B	PX-S146Z
	39	T1005×3ME15	○	15	3	0.63	67	0.9	60	1.25	47.5	0.20	QRE-10B	PX-S146Z
	40	T1005×4ME18	○	18.5	4	0.63	80	0.9	71	1.25	55	0.20	QRE-13D	PX-S161Z
	41	T1005×4ME22	○	22	4	0.63	89	0.9	80	1.25	64	0.20	QRE-13D	PX-S161Z
	42	T1005×5ME22	○	22	5	0.63	101.5	0.9	91	1.25	71	0.20	QRE-13D	PX-S161Z
	43	T1005×5ME30	○	30	5	0.63	111	0.9	100	1.25	80	0.20	QRE-13D	PX-S161Z
125	44	T1255×2ME15	○	15	2	1.0	41	1.4	38	2.0	32	0.20	QRE-10F	PX-S146Z
	45	T1255×2ME18	○	18.5	2	1.0	50.5	1.4	48	2.0	42.5	0.20	QRE-13F	PX-S161Z
	46	T1255×3ME22	○	22	3	1.0	61	1.4	57	2.0	49	0.20	QRE-13F	PX-S161Z
	47	T1255×3ME30	○	30	3	1.0	77	1.4	73.5	2.0	65	0.20	QRE-13F	PX-S161Z
	48	T1255×4ME30	○	30	4	1.0	81	1.4	76	2.0	64.5	0.20	PBKV-145-1509-08	PX-S161Z
	49	T1255×4ME37	○	37	4	1.0	102	1.4	97	2.0	85	0.20	PBKV-155-20012-08	PX-S181Z
150	50	T1505×2ME30	○	30	2	1.6	55	2.24	51	3.15	42	0.20	Inquire	
	51	T1505×2ME37	○	37	2	1.6	65	2.24	61	3.15	54	0.20		
	52	T1505×2ME45	○	45	2	1.6	72.5	2.24	68.5	3.15	60	0.20		
	53	T1505×3ME45	○	45	3	1.6	82	2.24	76	3.15	62	0.20		
	54	T1505×3ME55	○	55	3	1.6	96	2.24	90	3.15	77	0.20		
	55	T1505×3ME75	○	75	3	1.6	110	2.24	103	3.15	90	0.20	PBKV-200-20012-04	OMT-P11553
	56	T1505×4ME75	○	75	4	1.6	125	2.24	116	3.15	99	0.20	PBKV-220-20014-06	OMT-P11593
200	57	T2005A×2ME45		45	2	Impeller diameter varies according to duty point, please inquire with pump specification (capacity and total head)						0.20	PBKV-155-20012-09	OMT-P11553
	58	T2005A×2ME55		55	2							0.20	PBKV-185-20016-10	OMT-P11593
	59	T2005B×2ME55		55	2							0.20	PBKV-185-20016-10	OMT-P11593
	60	T2005B×2ME75		75	2							0.20	PBKV-185-20016-11	OMT-P11593
	61	T2005B×2ME90		90	2							0.20	PBKV-185-20016-11	OMT-P11593
	62	T2005×3ME75		75	3							0.20	PBKV-185-25016-02	OMT-P11593
	63	T2005×3ME90		90	3							0.20	PBKV-185-25016-02	OMT-P11593
	64	T2005×3ME110		110	3							0.20	PBKV-240-20024-03	OMT-P11613

This above notation are in case of T·TK type

60Hz

T(N) · TK(N)/HSI/612 E

Bore	Ref	Model	TN TKN	Motor	No. of stage	Performance						Maximum back pressure	Vibration isolator application table	
						Capacity	Total head	Capacity	Total head	Capacity	Total head			
mm				kW		m³/min	m	m³/min	m	m³/min	m	MPa		
40	1	T406×2ME1.5	○	1.5	2	0.11	27.5	0.16	25	0.22	21	0.20	QRE-02A	PX-85Z
	2	T406×3ME2.2	○	2.2	3	0.11	42	0.16	38.5	0.22	32	0.20	QRE-02A	PX-95Z
	3	T406×4ME3.7	○	3.7	4	0.11	58	0.16	54	0.22	45	0.20	QRE-04A	PX-95Z
	4	TK406×4ME3.7	○	3.7	4	0.11	66	0.16	62	0.22	56	0.20	QRE-04D	PX-110Z
	5	TK406×5ME3.7	○	3.7	5	0.11	77	0.16	72	0.19	68	0.20	QRE-05D	PX-110Z
	6	TK406×6ME5.5	○	5.5	6	0.11	96	0.16	91	0.22	81	0.098	QRE-07B	PX-130Z
	7	TK406×7ME7.5	○	7.5	7	0.11	119	0.16	114	0.22	104	0.049	QRE-11D	PX-S146Z
	8	TK406×8ME7.5	○	7.5	8	0.11	132	0.16	125	0.22	113	0.049	QRE-11D	PX-S146Z
50	9	T506×2ME2.2	○	2.2	2	0.18	29.5	0.25	27	0.36	19	0.20	QRE-02A	PX-95Z
	10	T506×3ME3.7	○	3.7	3	0.18	47	0.25	43	0.36	33	0.20	QRE-05A	PX-110Z
	11	T506×4ME5.5	○	5.5	4	0.18	65	0.25	60	0.36	46	0.20	QRE-07B	PX-110Z
	12	TK506×4ME5.5	○	5.5	4	0.18	67	0.25	64	0.36	57	0.20	QRE-07B	PX-120Z
	13	TK506×5ME7.5	○	7.5	5	0.18	84	0.25	81	0.36	72	0.20	QRE-11D	PX-130Z
	14	TK506×6ME7.5	○	7.5	6	0.18	94	0.25	88	0.36	78	0.098	QRE-11D	PX-130Z
	15	TK506×7ME11	○	11	7	0.18	116	0.25	112	0.36	103	0.049	QRE-11D	PX-S161Z
	16	TK506×8ME11	○	11	8	0.18	130	0.25	124	0.36	110	0.049	QRE-11D	PX-S161Z

This above notation are in case of T·TK type

60Hz

T(N) · TK(N)/HSI/622 E

Bore	Ref	Model	TN TKN	Motor	No. of stage	Performance						Maximum back pressure	Vibration isolator application table	
						Capacity	Total head	Capacity	Total head	Capacity	Total head			
mm				kW		m³/min	m	m³/min	m	m³/min	m	MPa		
65	17	T656×2ME3.7	○	3.7	2	0.28	33	0.4	28	0.56	18.5	0.20	QRE-05A	PX-95Z
	18	T656×2ME5.5	○	5.5	2	0.28	42.5	0.4	38.5	0.56	31	0.20	QRE-05D	PX-95Z
	19	T656×3ME5.5	○	5.5	3	0.28	50	0.4	43.5	0.56	29	0.20	QRE-05D	PX-110Z
	20	T656×3ME7.5	○	7.5	3	0.28	64	0.4	57	0.56	45	0.20	QRE-06D	PX-110Z
	21	T656×4ME11	○	11	4	0.28	86	0.4	77	0.56	61	0.20	QRE-11D	PX-120Z
	22	TK656×4ME11	○	11	4	0.28	90	0.4	86	0.56	77	0.20	QRE-11D	PX-130Z
	23	TK656×5ME11	○	11	5	0.28	102	0.4	97	0.45	95	0.20	QRE-11D	PX-S146Z
	24	TK656×6ME15	○	15	6	0.28	126	0.4	120	0.56	108	0.049	PBKV-130-807-01	PX-S146Z
80	25	T806×2ME7.5	○	7.5	2	0.45	45.5	0.63	41.5	0.9	32	0.20	QRE-06D	PX-110Z
	26	T806×3ME11	○	11	3	0.45	68.5	0.63	62	0.9	48	0.20	QRE-08B	PX-130Z
	27	T806×4ME15	○	15	4	0.45	92	0.63	83	0.9	64	0.20	QRE-11D	PX-S161Z
	28	T806×4ME18	○	18.5	4	0.45	102	0.63	95	0.9	79	0.20	Inquire	
	29	T806×5ME18	○	18.5	5	0.45	114	0.63	103	0.9	80	0.098		
100	30	T1006×2ME15	○	15	2	0.71	58	1.0	52.5	1.4	42	0.20	QRE-10B	PX-S146Z
	31	T1006×2ME18	○	18.5	2	0.71	64.5	1.0	59	1.4	48	0.20	Inquire	
	32	T1006×3ME18	○	18.5	3	0.71	73.5	1.0	64.5	1.4	47	0.20		
	33	T1006×3ME22	○	22	3	0.71	86	1.0	78.5	1.4	63	0.20		
	34	T1006×3ME30	○	30	3	0.71	97	1.0	89	1.4	72.5	0.20	QRE-13D	PX-S161Z
	35	T1006×4ME30	○	30	4	0.71	116	1.0	105	1.4	83	0.20	QRE-13D	PX-S161Z
125	36	T1256×2ME22	○	22	2	1.12	56	1.6	52	2.24	45	0.20	QRE-13F	PX-S161Z
	37	T1256×2ME30	○	30	2	1.12	71	1.6	68	2.24	60	0.20	PBKV-170-10012-04	PX-S161Z
	38	T1256×3ME37	○	37	3	1.12	90	1.6	85	2.24	74	0.20	Inquire	
	39	T1256×3ME45	○	45	3	1.12	107	1.6	102	2.24	90	0.20		
150	40	T1506×2ME45	○	45	2	1.8	73	2.5	68	3.55	57	0.20		
	41	T1506×2ME55	○	55	2	1.8	88	2.5	82	3.55	67.5	0.20		
	42	T1506×2ME75	○	75	2	1.8	106	2.5	101	3.55	91	0.20	PBKV-200-20012-04	OMT-P11553
	43	T1506×3ME75	○	75	3	1.8	118	2.5	112	3.55	96	0.20	PBKV-200-20012-04	OMT-P11553
200	44	T2006A×2ME75		75	2	Impeller diameter varies according to duty point, please inquire with pump specification (capacity and total head)						0.20	PBKV-185-20016-11	OMT-P11593
	45	T2006A×2ME90		90	2							0.20	PBKV-185-20016-11	OMT-P11593
	46	T2006B×2ME75		75	2							0.20	PBKV-185-20016-11	OMT-P11593
	47	T2006B×2ME90		90	2							0.20	PBKV-185-20016-11	OMT-P11593
	48	T2006B×2ME110		110	2							0.20	PBKV-200-25016-01	OMT-P11593
	49	T2006B×2ME132		132	2							0.20	PBKV-240-20024-03	OMT-P11613

This above notation are in case of T·TK type

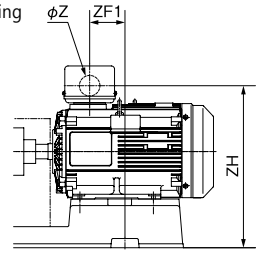
T(N)·TK(N) Type

Outline dimension table

Inquire specification sheets and drawings in case of actual work planing

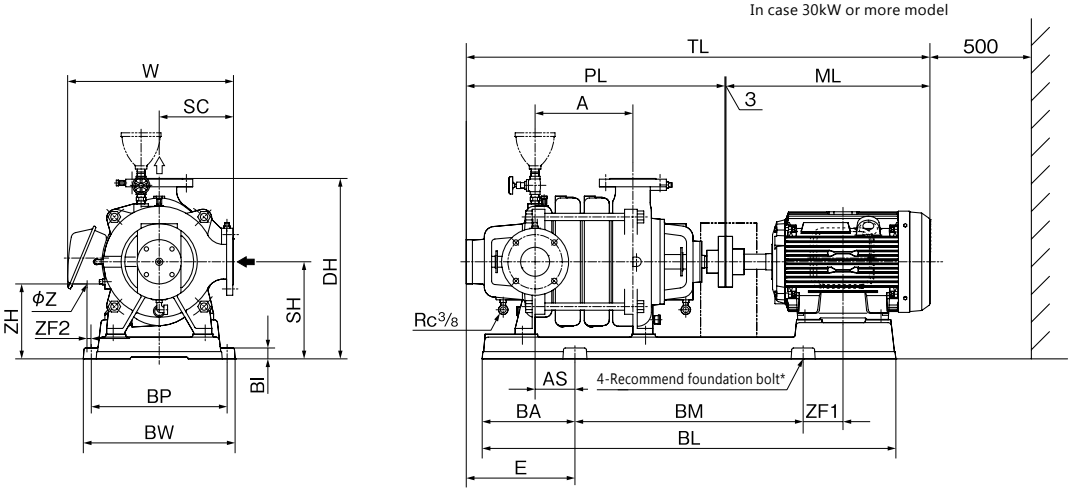
Bore 100mm or less models

Flange: Suction side JIS 10K thin type
Discharge side JIS 10K standard type

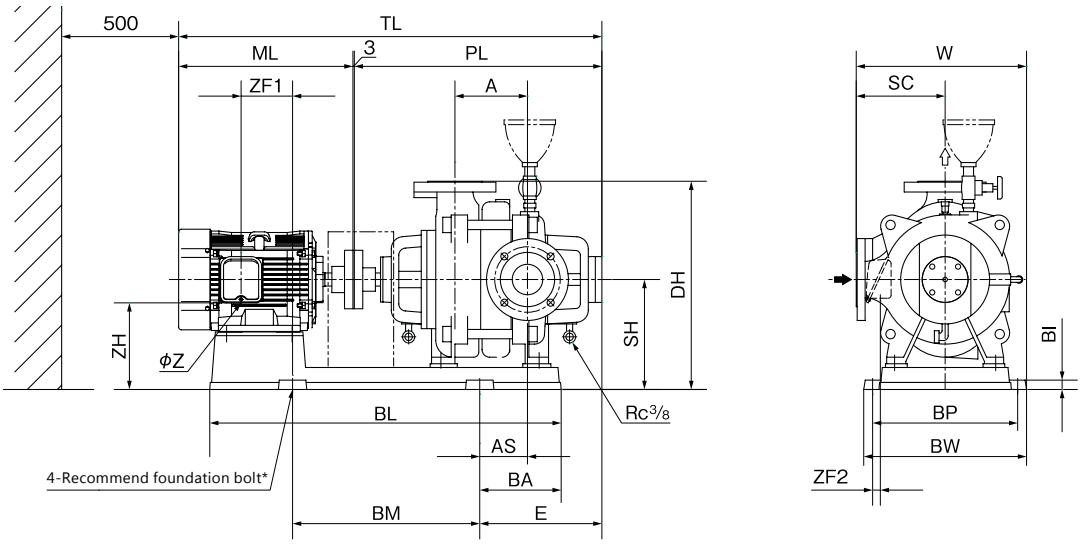


In case 30kW or more model

T·TK



T·TK-R



* Foundation bolts are optional accessories

Nylon coating type TN·TKN (-R) is same dimension
* Foundation bolts are optional accessories

● Recommend foundation bolt size (optional accessory)

Unit : mm

Bore	Foundation bolt	
40	M12×160	T
	M16×200	TK
50	M12×160	T
	M16×200	TK
65	M12×160	3.7kW or less
	M16×200	5.5kW or more
80	M16×200	——
100	M16×200	——

50Hz

Unit : mm

Bore	Model	Motor	Pump			Base						Combinations							Others				Mass
		kW	SC	A	PL	Bl	BL	BA	BM	BP	BW	DH	SH	TL	E	AS	W	ML	ZF1	ZF2	ZH	Z	kg
40	T405×2ME1.5	1.5	160	142	460	20	646	121	400	253	293	375	200	778	222	72	310 (307)	316	30	8	160	28	85
	T405×3ME1.5	1.5	160	194	522	20	646	121	400	253	293	375	200	841	257	107	310 (307)	316	56	8	160	28	99
	T405×4ME2.2	2.2	160	246	574	20	736	161	400	255	295	375	200	933	297	147	317 (308)	357	105	2	160	28	118
	T405×5ME3.7	3.7	160	298	626	20	855	173	500	280	316	388	213	1001	252	102	330 (328)	373	116	2	173	28	143
	T405×6ME3.7	3.7	160	350	678	20	855	173	500	280	316	388	213	1053	304	154	– (328)	373	116	2	173	28	152
	TK405×6ME3.7	3.7	165	375	711	25	1007	184	630	280	326	398	218	1087	197	58	335 (333)	373	126	−2	178	28	153
	TK405×7ME3.7	3.7	165	435	771	25	1007	184	630	280	326	398	218	1147	257	118	335 (333)	373	126	−2	178	28	163
	TK405×8ME5.5	5.5	165	495	836	35	1114	241	630	280	328	418	238	1267	314	175	379 (378)	428	193	31	183	36	200
	TK405×9ME5.5	5.5	165	555	896	35	1214	291	630	280	328	418	238	1327	359	220	379 (378)	428	208	31	183	36	210
50	T505×2ME1.5	1.5	170	162	530	20	648	121	400	251	291	405	215	849	274	112	320 (316)	316	47	−7	175	28	97
	T505×3ME2.2	2.2	170	219	587	20	728	161	400	259	299	405	215	946	314	152	327 (320)	357	100	−4	175	28	120
	T505×4ME3.7	3.7	170	276	644	25	818	157	500	280	320	415	225	1019	304	142	340 (330)	373	81	−2	185	28	147
	T505×5ME3.7	3.7	170	333	701	25	861	178	500	280	316	418	228	1076	327	165	340 (328)	373	116	−2	188	28	158
	T505×6ME5.5	5.5	170	390	763	25	964	223	500	280	316	418	228	1193	371	209	384 (372)	428	193	31	173	36	195
	TK505×6ME5.5	5.5	175	405	781	35	1034	266	500	280	328	448	248	1212	364	200	389 (378)	428	218	31	193	36	195
	TK505×7ME7.5	7.5	175	470	846	35	1204	281	630	280	328	448	248	1315	312	148	389 (378)	466	243	31	193	36	220
	TK505×8ME7.5	7.5	175	535	911	35	1204	281	630	280	328	448	248	1380	377	213	389 (378)	466	243	31	193	36	236
	TK505×9ME7.5	7.5	175	600	976	35	1269	346	630	280	328	448	248	1445	442	278	389 (378)	466	243	31	193	36	252
65	T655×2ME2.2	2.2	190	155	529	20	732	167	400	310	344	445	235	889	267	108	362 (362)	357	90	−30	195	28	129
	T655×2ME3.7	3.7	190	155	529	20	751	174	400	310	348	445	235	905	261	102	364 (364)	373	110	−17	195	28	137
	T655×3ME3.7	3.7	190	220	594	25	821	161	500	310	348	458	248	970	243	84	364 (364)	373	93	−17	208	28	159
	T655×3ME5.5	5.5	190	220	594	25	846	173	500	340	388	458	248	1025	272	113	404 (408)	428	123	1	193	36	176
	T655×4ME5.5	5.5	190	285	659	25	921	211	500	340	388	458	248	1090	300	141	404 (408)	428	160	1	193	36	192
	T655×5ME7.5	7.5	190	350	724	25	1011	188	630	340	388	458	248	1193	290	131	404 (408)	466	143	1	193	36	211
	TK655×5ME11	11	190	385	796	35	1222	270	630	310	358	488	268	1362	317	129	460 (449)	563	277	62	205	57	254
	TK655×6ME11	11	190	460	871	35	1222	270	630	310	358	488	268	1437	392	204	460 (449)	563	277	62	205	57	271
	TK655×7ME11	11	190	535	946	35	1372	420	630	310	358	488	268	1512	467	279	460 (449)	563	277	62	205	57	291
	TK655×8ME11	11	190	685	1021	35	1372	420	630	310	358	488	268	1587	542	354	460 (449)	563	277	62	205	57	307
	TK655×9ME15	15	190	685	1096	35	1492	325	800	310	358	488	268	1694	448	260	460 (449)	595	308	62	205	57	348
80	T805×2ME5.5	5.5	205	190	636	30	895	198	500	340	384	498	268	1067	324	134	419 (406)	428	111	1	213	36	192
	T805×3ME7.5	7.5	205	270	716	30	1080	225	630	340	384	498	268	1185	246	56	419 (406)	466	150	1	213	36	221
	T805×4ME11	11	205	350	796	30	1142	256	630	375	419	498	268	1362	380	190	475 (479)	563	214	30	205	52	263
	T805×5ME11	11	205	430	876	35	1354	275	800	380	428	518	288	1442	314	124	475 (484)	563	190	27	225	52	301
	T805×5ME15	15	205	430	876	35	1354	275	800	380	428	518	288	1474	314	124	475 (484)	595	222	27	225	52	322
	T805×6ME15	15	205	510	956	35	1354	275	800	380	428	518	288	1554	394	204	475 (484)	595	222	27	225	52	341
	T805×7ME18	18.5	205	590	1036	7	1450	325	800	420	450	515	285	1704	450	260	517 (517)	665	151	28	224	65	447
100	T1005×2ME7.5	7.5	250	225	714	35	970	170	630	380	424	583	313	1182	300	83	464 (462)	466	122	−19	258	36	269
	T1005×2ME11	11	250	225	714	35	1170	185	800	380	424	583	313	1279	245	28	520 (482)	563	96	27	250	52	296
	T1005×3ME15	15	250	315	804	35	1170	185	800	380	424	583	313	1401	335	118	520 (482)	595	128	27	250	52	343
	T1005×4ME18	18.5	250	405	894	35	1390	293	800	420	464	583	313	1561	357	140	542 (524)	665	101	28	252	65	464
	T1005×4ME22	22	250	405	894	35	1390	293	800	420	464	583	313	1561	357	140	542 (524)	665	101	28	252	65	468
	T1005×5ME22	22	250	495	984	35	1390	293	800	420	464	583	313	1651	447	230	542 (524)	665	101	28	252	65	498
	T1005×5ME30	30	250	495	984	35	1390	293	800	420	464	583	313	1724	447	230	482 (482)	738	−7	108	563	78	528

Model name is shown as T·TK. ( ) is in case T-R·TK-R type

Note 1) If the motor end is within the base, TL≧PL+3+ML applies. Note 2) <-> shows revers direction to the drawing in this table

T(N)·TK(N) Type

60Hz

Unit : mm

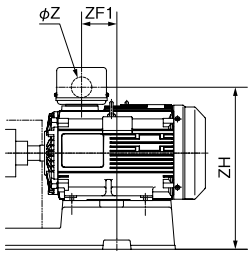
Bore	Model	Motor	Pump			Base						Combinations							Others				Mass
		kW	SC	A	PL	Bl	BL	BA	BM	BP	BW	DH	SH	TL	E	AS	W	ML	ZF1	ZF2	ZH	Z	kg
40	T406×2ME1.5	1.5	160	142	460	20	646	121	400	253	293	375	200	779	222	72	310 (307)	316	30	8	160	28	85
	T406×3ME2.2	2.2	160	194	522	20	726	161	400	255	295	375	200	881	270	120	317 (308)	357	80	2	160	28	109
	T406×4ME3.7	3.7	160	246	574	20	750	173	400	280	316	388	213	949	305	155	330 (328)	373	111	2	173	28	134
	TK406×4ME3.7	3.7	165	255	591	25	887	194	500	280	326	398	218	967	207	68	335 (333)	373	126	−2	178	28	131
	TK406×5ME3.7	3.7	165	315	651	25	887	194	500	280	326	398	218	1027	267	128	335 (333)	373	126	−2	178	28	141
	TK406×6ME5.5	5.5	165	375	716	35	1114	241	630	280	328	418	238	1194	194	55	379 (378)	428	193	31	183	36	181
	TK406×7ME7.5	7.5	165	435	776	35	1214	291	630	280	328	418	238	1297	239	100	379 (378)	466	246	31	183	36	198
	TK406×8ME7.5	7.5	165	495	836	35	1214	291	630	280	328	418	238	1305	299	160	379 (378)	466	246	31	183	36	208
50	T506×2ME2.2	2.2	170	162	530	20	728	161	400	259	299	405	215	889	284	122	327 (320)	357	74	4	175	28	108
	T506×3ME3.7	3.7	170	219	587	25	818	157	500	280	320	415	225	962	274	112	340 (330)	373	55	2	185	28	135
	T506×4ME5.5	5.5	170	276	649	25	849	208	400	280	316	418	228	1079	357	195	384 (372)	428	193	−31	173	36	171
	TK506×4ME5.5	5.5	175	275	651	35	1034	266	500	280	328	448	248	1114	234	70	389 (378)	428	208	31	193	36	170
	TK506×5ME7.5	7.5	175	340	716	35	1074	281	500	280	328	448	248	1185	312	148	389 (378)	466	243	31	193	36	189
	TK506×6ME7.5	7.5	175	405	781	35	1074	281	500	280	328	448	248	1250	377	213	389 (378)	466	243	31	193	36	204
	TK506×7ME11	11	175	470	852	35	1297	331	630	280	347	448	248	1418	359	195	445 (444)	563	291	77	185	52	245
	TK506×8ME11	11	175	535	917	35	1297	331	630	280	347	448	248	1483	424	260	445 (443)	563	291	77	185	52	261
65	T656×2ME3.7	3.7	190	155	529	20	751	174	400	310	348	445	235	905	261	102	360 (364)	373	110	17	195	28	137
	T656×2ME5.5	5.5	190	155	529	25	796	148	500	340	388	458	248	960	232	73	404 (408)	428	88	−1	193	36	162
	T656×3ME5.5	5.5	190	220	594	25	846	173	500	340	388	458	248	1025	272	113	404 (408)	428	123	−1	193	36	176
	T656×3ME7.5	7.5	190	220	594	25	896	198	500	340	388	458	248	1063	285	126	404 (408)	466	158	−1	193	36	185
	T656×4ME11	11	190	285	665	25	1033	223	500	340	386	458	248	1231	324	165	460 (463)	563	269	−47	185	36	226
	TK656×4ME11	11	190	310	721	35	1072	250	500	310	358	488	268	1287	372	184	460 (449)	563	277	62	205	52	232
	TK656×5ME11	11	190	385	796	35	1222	270	630	310	358	488	268	1362	317	129	460 (449)	563	277	62	205	52	251
	TK656×6ME15	15	190	460	871	35	1272	275	630	310	358	488	268	1469	391	203	460 (449)	595	310	62	205	52	294
80	T806×2ME7.5	7.5	205	190	636	30	895	198	500	340	384	498	268	1105	324	134	419 (406)	466	151	1	213	36	199
	T806×3ME11	11	205	270	716	30	1142	256	630	375	419	498	268	1282	300	110	475 (479)	563	214	30	205	52	244
	T806×4ME15	15	205	350	796	35	1354	275	800	380	428	518	288	1435	234	44	475 (484)	595	222	27	225	52	303
	T806×4ME18	18.5	Inquire																				
	T806×5ME18	18.5																					
100	T1006×2ME15	15	250	225	714	35	1170	185	800	380	424	583	313	1312	245	28	520 (504)	595	128	27	252	65	313
	T1006×2ME18	18.5	Inquire																				
	T1006×3ME18	18.5																					
	T1006×3ME22	22																					
	T1006×3ME30	30	250	315	804	35	1390	293	800	420	464	583	313	1570	267	50	482 (487)	738	7	108	563	78	468
	T1006×4ME30	30	250	405	894	35	1390	293	800	420	464	583	313	1634	357	140	482 (482)	738	7	108	563	78	498

Model name is shown as T·TK. ( ) is in case T-R·TK-R type

Note 1) If the motor end is within the base, TL≧PL+3+ML applies. Note 2) <-> shows revers direction to the drawing in this table

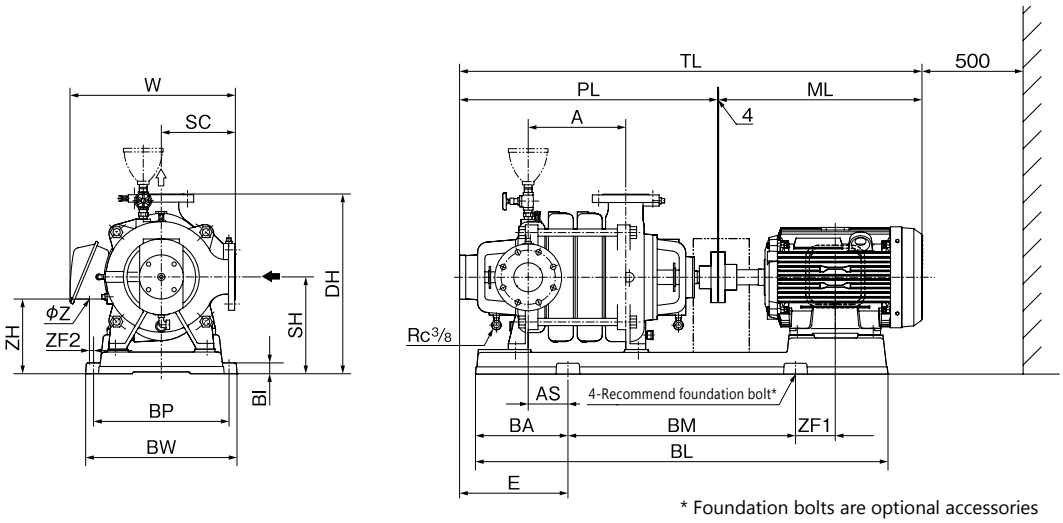
Bore 125mm or less models

Flange: Suction side JIS 10K thin type
Discharge side JIS 10K standard type



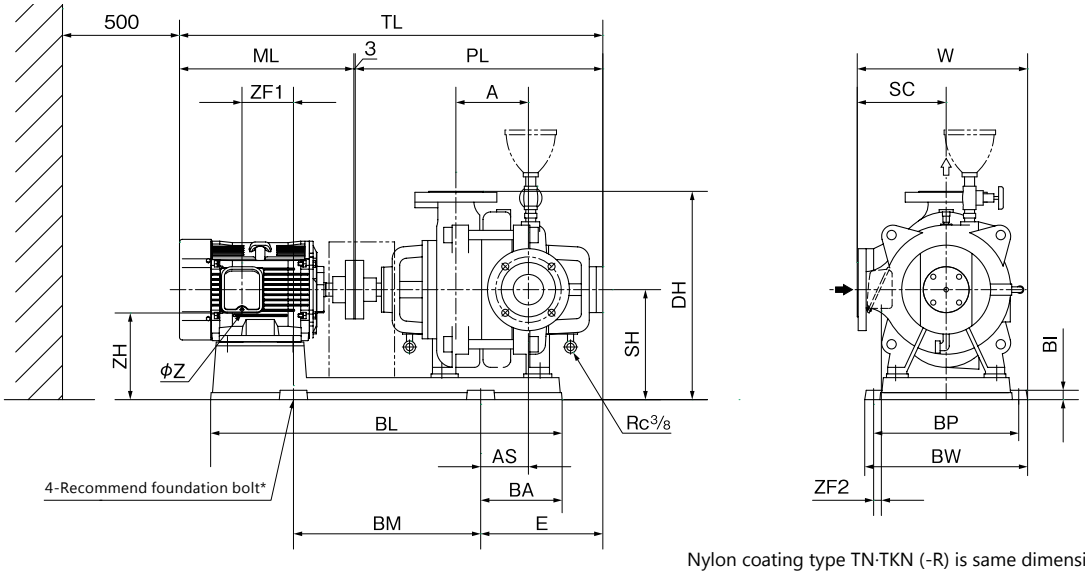
In case 30kW or more model

T·TK



* Foundation bolts are optional accessories

T·TK-R



Nylon coating type TN·TKN (-R) is same dimension
* Foundation bolts are optional accessories

● Recommend foundation bolt size (optional accessory)

Unit : mm

Bore	Foundation bolt
125	M20×250
150	M20×250
200	M20×250

T(N)·TK(N) Type

50Hz

Unit : mm

Bore	Model	Motor	Pump			Base						Combinations							Others				Mass
		kW	SC	A	PL	BI	BL	BA	BM	BP	BW	DH	SH	TL	E	AS	W	ML	ZF1	ZF2	ZH	Z	kg
125	T1255×2ME15	15	290	255	805	40	1174	185	800	435	503	688	368	1404	336	81	560 (542)	595	130	−1	305	52	418
	T1255×2ME18	18.5	290	255	805	50	1437	314	800	435	503	708	388	1541	247	−8	582 (544)	665	124	20	327	65	520
	T1255×3ME22	22	290	370	920	50	1437	314	800	435	503	708	388	1589	362	107	582 (544)	665	124	20	327	65	577
	T1255×3ME30	30	290	370	920	50	1437	314	800	435	503	708	388	1662	362	107	542 (542)	738	−30	115	638	78	615
	T1255×4ME30	30	290	485	1035	50	1437	314	800	435	503	708	388	1777	477	222	542 (542)	738	−30	115	638	78	667
	T1255×4ME37	37	290	485	1035	50	1524	263	1000	476	544	708	388	1883	415	160	562 (562)	844	58	136	669	78	769
150	T1505×2ME30	30	Inquire																				
	T1505×2ME37	37																					
	T1505×2ME45	45																					
	T1505×3ME45	45																					
	T1505×3ME55	55																					
	T1505×3ME75	75	320	435	1062	60	1629	315	1000	595	663	803	443	2090	501	218	− (−)	1024	110	88	786	G3	1064
	T1505×4ME75	75	320	570	1197	60	1729	416	1000	595	663	803	443	2225	601	318	− (−)	1024	75	88	786	G3	1125
200	T2005A×2ME45	45	370	360	1080	50	1516	335	800	540	600	898	488	1928	643	213	670 (670)	844	−59	168	769	78	952
	T2005A×2ME55	55	370	360	1080	50	1703	345	1000	540	600	898	488	1935	405	75	670 (670)	851	−3	168	794	92	997
	T2005B×2ME55	55	370	360	1080	50	1703	345	1000	540	600	898	488	1935	405	75	670 (670)	851	−3	168	794	92	997
	T2005B×2ME75	75	370	360	1080	50	1761	390	1000	540	600	898	488	2108	450	120	670 (670)	1024	41	60	831	G3	1145
	T2005B×2ME90	90	370	360	1080	50	1761	390	1000	540	600	898	488	2108	450	120	670 (670)	1024	41	60	831	G3	1180
	T2005×3ME75	75	370	520	1240	50	1761	390	1000	540	600	898	488	2268	610	280	670 (670)	1024	41	60	831	G3	1240
	T2005×3ME90	90	370	520	1240	50	1761	390	1000	540	600	898	488	2268	610	280	670 (670)	1024	41	60	831	G3	1275
	T2005×3ME110	110	370	520	1240	50	1880	390	1000	600	660	898	488	2392	610	280	700 (700)	1148	11	90	871	G3	1489

Model name is shown as T·TK. ( ) is in case T-R·TK-R type

T(N)·TK(N)/Hd/520 E

Note 1) If the motor end is within the base, TL≧PL+3+ML applies. Note 2) <-> shows revers direction to the drawing in this table

60Hz

Unit : mm

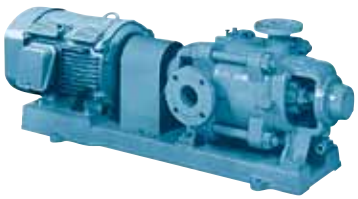
Bore	Model	Motor	Pump			Base						Combinations							Others				Mass
		kW	SC	A	PL	BI	BL	BA	BM	BP	BW	DH	SH	TL	E	AS	W	ML	ZF1	ZF2	ZH	Z	kg
125	T1256×2ME22	22	290	255	805	50	1437	314	800	435	503	708	388	1541	247	−8	582 (544)	665	124	20	327	65	532
	T1256×2ME30	30	290	255	805	50	1437	314	800	435	503	708	388	1614	247	−8	542 (542)	738	30	115	638	78	570
	T1256×3ME37	37	Inquire																				
	T1256×3ME45	45																					
150	T1506×2ME45	45																					
	T1506×2ME55	55																					
	T1506×2ME75	75	320	300	927	60	1629	315	1000	595	663	803	443	1955	366	83	− (−)	1024	110	88	786	G3	1009
	T1506×3ME75	75	320	300	1062	60	1629	315	1000	595	663	803	443	2090	501	218	− (−)	1024	110	88	786	G3	1064
200	T2006A×2ME75	75	370	360	1080	50	1761	390	1000	540	600	898	488	2108	450	120	670 (670)	1024	41	60	831	G3	1145
	T2006A×2ME90	90	370	360	1080	50	1761	390	1000	540	600	898	488	2108	450	120	670 (670)	1024	41	60	831	G3	1180
	T2006B×2ME75	75	370	360	1080	50	1761	390	1000	540	600	898	488	2108	450	120	670 (670)	1024	41	60	831	G3	1145
	T2006B×2ME90	90	370	360	1080	50	1761	390	1000	540	600	898	488	2108	450	120	670 (670)	1024	41	60	831	G3	1180
	T2006B×2ME110	110	370	360	1080	50	1880	390	1000	600	660	898	488	2232	450	120	700 (700)	1148	11	90	871	G3	1384
	T2006B×2ME132	132	370	360	1080	50	1880	390	1000	600	660	898	488	2232	450	120	700 (700)	1148	11	90	871	G3	1454

Model name is shown as T·TK. ( ) is in case T-R·TK-R type

T(N)·TK(N)/Hd/620 E

Note 1) If the motor end is within the base, TL≧PL+3+ML applies. Note 2) <-> shows revers direction to the drawing in this table

K-M Type High pressure turbine pump 2 pole



Application

(Please inquire in case drinking water application)

Features

- Suction direction is able to change, inspection and replace can be easily done, due to Kawamoto's outstanding pump construction (PAT. pend.)
- Evaluated item of <Horizontal centrifugal pump> by (C) Public Buildings Association., Ltd. in Japan
- Both mechanical seal and grand packing type are available

Maximum suction total head (20℃)

Bore	Maximum suction total head	
50×40	−6m	
65×50	50Hz : −6m	60Hz : −5.5m
80×65 (*)	50Hz : −5.5m	60Hz : −3m

(*) in case 100mm suction pipe

Standard specifications

- Liquid: Clean water 0~40˚C (however there should be no freezing)
- Materials: Impeller : Bronze
  Shaft : SUS403 (Sleeve SUS416)
  Casing : Cast iron (Suction)
  Ductile Cast iron (Discharge)
- Shaft sealing: Mechanical seal or Gland packing
- Motor: TEFC indoor, Three phase
- Flange figure: Suction side: JIS 10K standard type
  Discharge side: JIS 20K

Standard accessories

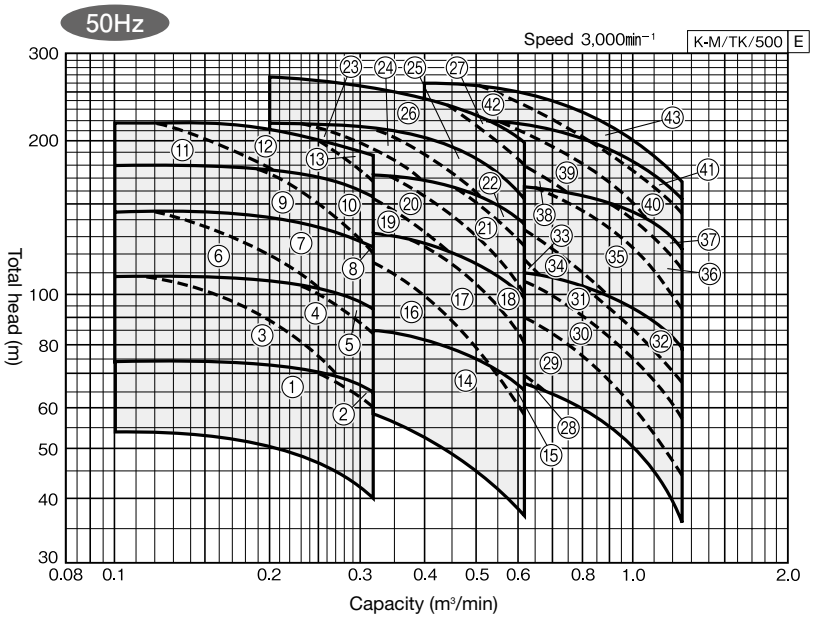
Motor, Base, Coupling, Exhaust valve, Coupling cover

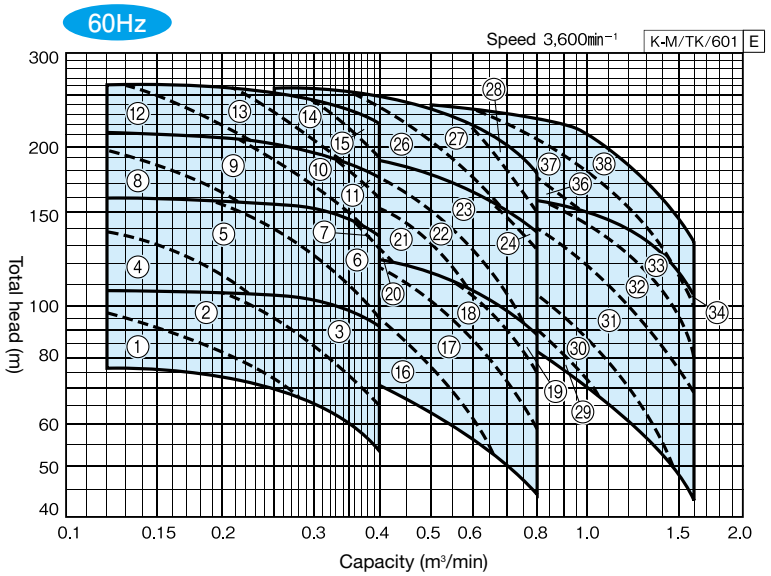
Maximum back pressure

(2.7−Zero-discharge head of pump) MPa
or 0.39MPa, Whichever is lower

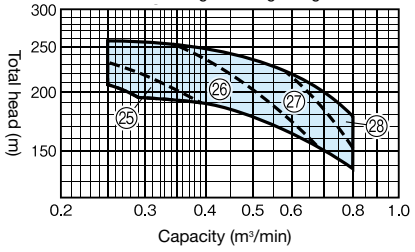
Selection chart

These charts show the performance in case of Kawamoto standard motor.
Inquire specification sheets and drawings in case of actual work planing.





Refer to the following chart regarding Ref. No.25



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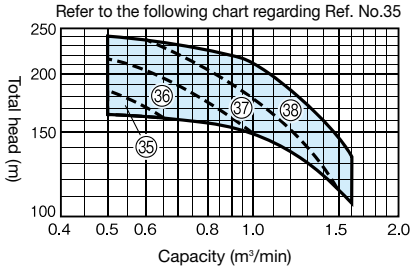


K-M Type

Specification table

Impeller diameter varies according to duty point, please inquire with pump specification (capacity x total head)
*Model names in upper stand shows Gland packing type, and in lower stand shows Mechanical seal type. (No.26, 27, 42, 43 : Mechanical seal type)

50Hz

Bore mm	Ref	Model	Motor kW
50 × 40	1	K505G×2ME5.5 K505M×2ME5.5	5.5
	2	K505G×2ME7.5 K505M×2ME7.5	7.5
	3	K505G×3ME5.5 K505M×3ME5.5	5.5
	4	K505G×3ME7.5 K505M×3ME7.5	7.5
	5	K505G×3ME11 K505M×3ME11	11
	6	K505G×4ME7.5 K505M×4ME7.5	7.5
	7	K505G×4ME11 K505M×4ME11	11
	8	K505G×4ME15 K505M×4ME15	15
	9	K505G×5ME11 K505M×5ME11	11
	10	K505G×5ME15 K505M×5ME15	15
	11	K505G×6ME11 K505M×6ME11	11
	12	K505G×6ME15 K505M×6ME15	15
	13	K505G×6ME18 K505M×6ME18	18.5
	14	K655G×2ME11 K655M×2ME11	11
	15	K655G×2ME15 K655M×2ME15	15

Bore mm	Ref	Model	Motor kW
65 × 50	16	K655G×3ME11 K655M×3ME11	11
	17	K655G×3ME15 K655M×3ME15	15
	18	K655G×3ME18 K655M×3ME18	18.5
	19	K655G×4ME15 K655M×4ME15	15
	20	K655G×4ME18 K655M×4ME18	18.5
	21	K655G×4ME22 K655M×4ME22	22
	22	K655G×4ME30 K655M×4ME30	30
	23	K655G×5ME18 K655M×5ME18	18.5
	24	K655G×5ME22 K655M×5ME22	22
	25	K655G×5ME30 K655M×5ME30	30
	26	K655M×6ME30	30
	27	K655M×6ME37	37
80 × 65	28	K805G×2ME11 K805M×2ME11	11
	29	K805G×2ME15 K805M×2ME15	15
	30	K805G×2ME18 K805M×2ME18	18.5
	31	K805G×2ME22 K805M×2ME22	22

Bore mm	Ref	Model	Motor kW
80 × 65	32	K805G×2ME30 K805M×2ME30	30
	33	K805G×3ME18 K805M×3ME18	18.5
	34	K805G×3ME22 K805M×3ME22	22
	35	K805G×3ME30 K805M×3ME30	30
	36	K805G×3ME37 K805M×3ME37	37
	37	K805G×3ME45 K805M×3ME45	45
	38	K805G×4ME30 K805M×4ME30	30
	39	K805G×4ME37 K805M×4ME37	37
	40	K805G×4ME45 K805M×4ME45	45
	41	K805G×4ME55 K805M×4ME55	55
	42	K805M×5ME45	45
	43	K805M×5ME55	55

60Hz

Bore mm	Ref	Model	Motor kW
50 × 40	1	K506G×2ME5.5 K506M×2ME5.5	5.5
	2	K506G×2ME7.5 K506M×2ME7.5	7.5
	3	K506G×2ME11 K506M×2ME11	11
	4	K506G×3ME7.5 K506M×3ME7.5	7.5
	5	K506G×3ME11 K506M×3ME11	11
	6	K506G×3ME15 K506M×3ME15	15
	7	K506G×3ME18 K506M×3ME18	18.5
	8	K506G×4ME11 K506M×4ME11	11
	9	K506G×4ME15 K506M×4ME15	15
	10	K506G×4ME18 K506M×4ME18	18.5
	11	K506G×4ME22 K506M×4ME22	22
	12	K506G×5ME15 K506M×5ME15	15
	13	K506G×5ME18 K506M×5ME18	18.5
	14	K506G×5ME22 K506M×5ME22	22
	15	K506G×5ME30 K506M×5ME30	30

Bore mm	Ref	Model	Motor kW
65 × 50	16	K656G×2ME11 K656M×2ME11	11
	17	K656G×2ME15 K656M×2ME15	15
	18	K656G×2ME18 K656M×2ME18	18.5
	19	K656G×2ME22 K656M×2ME22	22
	20	K656G×3ME15 K656M×3ME15	15
	21	K656G×3ME18 K656M×3ME18	18.5
	22	K656G×3ME22 K656M×3ME22	22
	23	K656G×3ME30 K656M×3ME30	30
	24	K656G×3ME37 K656M×3ME37	37
	25	K656G×4ME22 K656M×4ME22	22
	26	K656G×4ME30 K656M×4ME30	30
80 × 65	27	K656G×4ME37 K656M×4ME37	37
	28	K656G×4ME45 K656M×4ME45	45
	29	K806G×2ME18 K806M×2ME18	18.5
	30	K806G×2ME22 K806M×2ME22	22

Bore mm	Ref	Model	Motor kW
80 × 65	31	K806G×2ME30 K806M×2ME30	30
	32	K806G×2ME37 K806M×2ME37	37
	33	K806G×2ME45 K806M×2ME45	45
	34	K806G×2ME55 K806M×2ME55	55
	35	K806G×3ME30 K806M×3ME30	30
	36	K806G×3ME37 K806M×3ME37	37
	37	K806G×3ME45 K806M×3ME45	45
	38	K806G×3ME55 K806M×3ME55	55

KR-M Type Stainless steel high pressure turbine pump 2 pole

Application

Features

- Stainless steel and Bronze materials are adopted for portion contacting water, thus preventing pump from rusting and red discolorment of water.
- Suction direction is able to change, inspection and replace can be easily done.
- Long life mechanical seal is adopted for shaft sealing.
- Base figure prevents holding dew condensation water.
- Evaluated item of <Horizontal centrifugal pump> by (C) Public Buildings Association., Ltd. in Japan.

Standard specifications

• Liquid	Clean water 0~40˚C (however there should be no freezing)
• Materials	Impeller : Bronze Shaft : SUS403 (portion contacting liquid) Casing : SCS13
• Shaft sealing	Mechanical seal
• Motor	TEFC indoor, Three phase
• Flange figure	Suction side: JIS 10K standard type Discharge side: JIS 20K

Standard accessories

Motor, Base, Coupling, Exhaust valve, Coupling cover

Maximum suction total head (20℃)

Bore	Maximum suction total head
50×40	−6m
65×50	50Hz : −6m 60Hz : −5.5m
80×65 (*)	50Hz : −5.5m 60Hz : −3m
100×80	50Hz : −3m 60Hz : +1m

(*) in case 100mm suction pipe

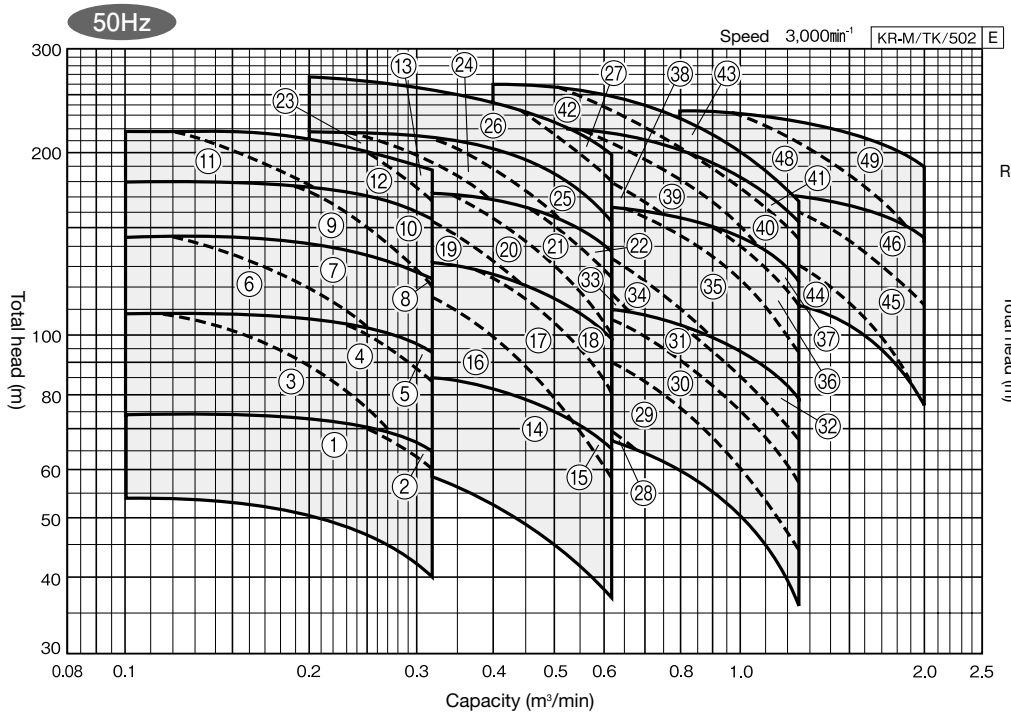
Maximum back pressure

(2.7−Zero-discharge head of pump) MPa
or 0.39MPa, Whichever is lower

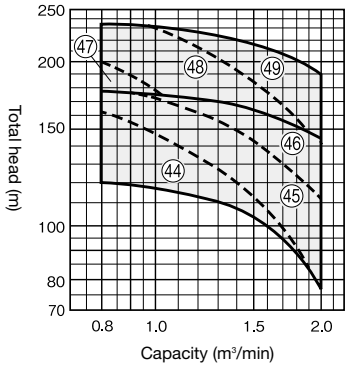
(*) Maximum back pressure varies according to each pump duty point

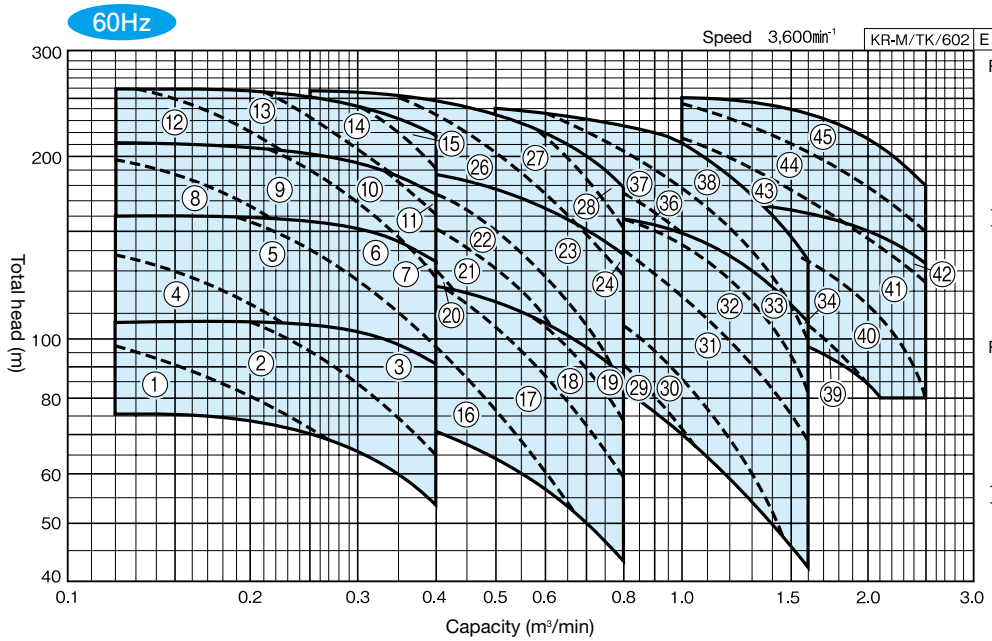
Selection chart

These charts show the performance in case of Kawamoto standard motor.
Inquire specification sheets and drawings in case of actual work planing.



Refer to the following chart regarding Ref. No.47





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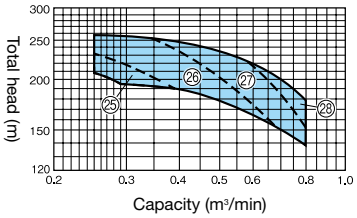

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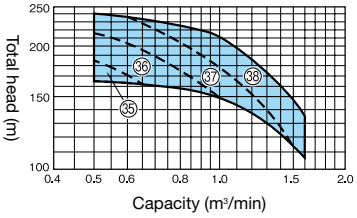


KR-M Type

Specification table

Impeller diameter varies according to duty point, please inquire with pump specification (capacity and total head)

50Hz

Bore d1×d2 mm	Ref	Model	Motor kW
50×40	1	KR505M×2ME5.5	5.5
	2	KR505M×2ME7.5	7.5
	3	KR505M×3ME5.5	5.5
	4	KR505M×3ME7.5	7.5
	5	KR505M×3ME11	11
	6	KR505M×4ME7.5	7.5
	7	KR505M×4ME11	11
	8	KR505M×4ME15	15
	9	KR505M×5ME11	11
	10	KR505M×5ME15	15
	11	KR505M×6ME11	11
	12	KR505M×6ME15	15
	13	KR505M×6ME18	18.5
65×50	14	KR655M×2ME11	11
	15	KR655M×2ME15	15
	16	KR655M×3ME11	11
	17	KR655M×3ME15	15

Bore d1×d2 mm	Ref	Model	Motor kW
65×50	18	KR655M×3ME18	18.5
	19	KR655M×4ME15	15
	20	KR655M×4ME18	18.5
	21	KR655M×4ME22	22
	22	KR655M×4ME30	30
	23	KR655M×5ME18	18.5
	24	KR655M×5ME22	22
	25	KR655M×5ME30	30
	26	KR655M×6ME30	30
	27	KR655M×6ME37	37
80×65	28	KR805M×2ME11	11
	29	KR805M×2ME15	15
	30	KR805M×2ME18	18.5
	31	KR805M×2ME22	22
	32	KR805M×2ME30	30
	33	KR805M×3ME18	18.5
	34	KR805M×3ME22	22

Bore d1×d2 mm	Ref	Model	Motor kW
80×65	35	KR805M×3ME30	30
	36	KR805M×3ME37	37
	37	KR805M×3ME45	45
	38	KR805M×4ME30	30
	39	KR805M×4ME37	37
	40	KR805M×4ME45	45
	41	KR805M×4ME55	55
	42	KR805M×5ME45	45
	43	KR805M×5ME55	55
100×80	44	KR1005M×3ME45	45
	45	KR1005M×3ME55	55
	46	KR1005M×3ME75	75
	47	KR1005M×4ME55	55
	48	KR1005M×4ME75	75
	49	KR1005M×4ME90	90

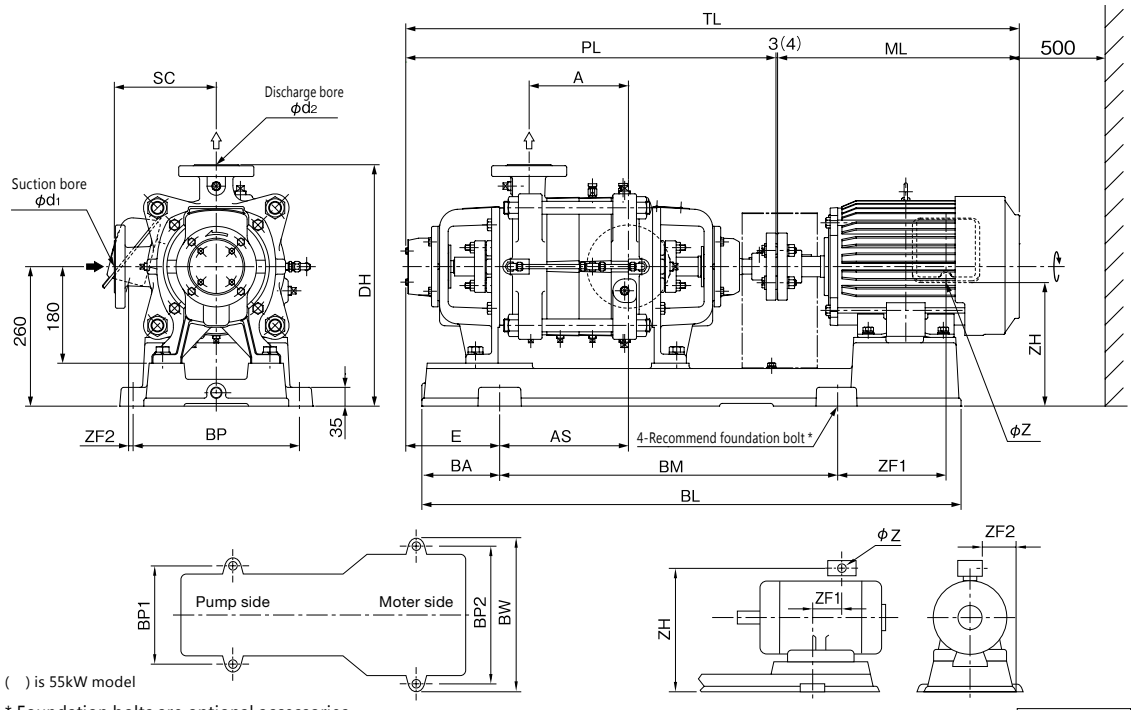
60Hz

Bore d1×d2 mm	Ref	Model	Motor kW
50×40	1	KR506M×2ME5.5	5.5
	2	KR506M×2ME7.5	7.5
	3	KR506M×2ME11	11
	4	KR506M×3ME7.5	7.5
	5	KR506M×3ME11	11
	6	KR506M×3ME15	15
	7	KR506M×3ME18	18.5
	8	KR506M×4ME11	11
	9	KR506M×4ME15	15
	10	KR506M×4ME18	18.5
	11	KR506M×4ME22	22
	12	KR506M×5ME15	15
	13	KR506M×5ME18	18.5
	14	KR506M×5ME22	22
	15	KR506M×5ME30	30
65×50	16	KR656M×2ME11	11
	17	KR656M×2ME15	15

Bore d1×d2 mm	Ref	Model	Motor kW
65×50	18	KR656M×2ME18	18.5
	19	KR656M×2ME22	22
	20	KR656M×3ME15	15
	21	KR656M×3ME18	18.5
	22	KR656M×3ME22	22
	23	KR656M×3ME30	30
	24	KR656M×3ME37	37
	25	KR656M×4ME22	22
	26	KR656M×4ME30	30
	27	KR656M×4ME37	37
	28	KR656M×4ME45	45
80×65	29	KR806M×2ME18	18.5
	30	KR806M×2ME22	22
	31	KR806M×2ME30	30
	32	KR806M×2ME37	37
	33	KR806M×2ME45	45
	34	KR806M×2ME55	55

Bore d1×d2 mm	Ref	Model	Motor kW
80×65	35	KR806M×3ME30	30
	36	KR806M×3ME37	37
	37	KR806M×3ME45	45
	38	KR806M×3ME55	55
100×80	39	KR1006M×2ME45	45
	40	KR1006M×2ME55	55
	41	KR1006M×2ME75	75
	42	KR1006M×2ME90	90
	43	KR1006M×3ME75	75
	44	KR1006M×3ME90	90
	45	KR1006M×3ME110	110

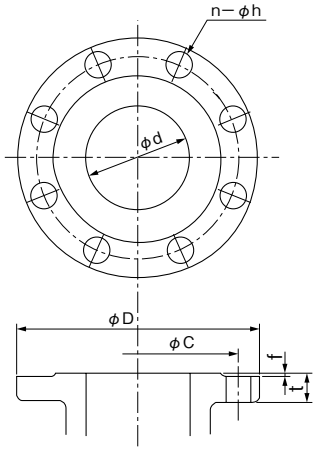
Outline dimension table
Inquire specification sheets and drawings in case of actual work planing.



* Foundation bolts are optional accessories
· Recommend foundation bolt size : M16×200

KR-M/HD/000 E

Flange
(Suction side JIS 10K standard type Discharge side JIS 20K)



Unit: mm

	Bore	d	C	D	t	f	n	h (bolt)
Suction	50	50	120	155	20	2	4	19 (M16)
	65	65	140	175	22	2	4	19 (M16)
	80	80	150	185	22	2	8	19 (M16)
Discharge	40	40	105	140	22	2	4	19 (M16)
	50	50	120	155	22	2	8	19 (M16)
	65	65	140	175	24	2	8	19 (M16)

KR-M Type

50Hz

Unit : mm

Bore d_1	Bore d_2	Model	Motor kW	Pump SC	Pump A	Pump PL	Base BL	Base BA	Base BM	Base BP1/BP2	Base BW	Combinations DH	Combinations TL	Combinations E	Combinations AS	Combinations ML	Combinations ZH	Combinations ZF1	Combinations ZF2	Combinations Z	Mass kg
50	40	KR505M×2ME5.5	5.5	190	125	630	1005	145	630	310	360	450	1114	115	240	451	248	250	16	27	178
		KR505M×2ME7.5	7.5	190	125	630	1005	145	630	310	360	450	1114	115	240	451	248	250	16	27	188
		KR505M×3ME5.5	5.5	190	185	690	1005	145	630	310	360	450	1144	175	240	451	248	250	16	27	191
		KR505M×3ME7.5	7.5	190	185	690	1005	145	630	310	360	450	1144	175	240	451	248	250	16	27	201
		KR505M×3ME11	11	190	185	695	1170	170	800	310/380	430	450	1268	205	210	575	242	116	32	56	237
		KR505M×4ME7.5	7.5	190	245	750	1005	145	630	310	360	450	1204	235	240	451	248	250	16	27	214
		KR505M×4ME11	11	190	245	750	1170	170	800	310/380	430	450	1328	265	210	575	242	116	32	56	250
		KR505M×4ME15	15	190	245	750	1170	170	800	310/380	430	450	1328	265	210	575	242	116	32	56	260
		KR505M×5ME11	11	190	305	810	1290	290	800	310/380	430	450	1388	325	210	575	242	116	32	56	265
		KR505M×5ME15	15	190	305	810	1290	290	800	310/380	430	450	1388	325	210	575	242	116	32	56	275
		KR505M×6ME11	11	190	365	870	1290	290	800	310/380	430	450	1488	385	210	575	242	116	32	56	278
		KR505M×6ME15	15	190	365	870	1290	290	800	310/380	430	450	1488	385	210	575	242	116	32	56	288
		KR505M×6ME18	18.5	190	365	870	1290	290	800	310/380	430	450	1492	385	210	619	242	160	32	56	308

Note) If the motor end is within the base, TL≧PL+3 (4)+ML applies.

KR-M/Hd/510 E

50Hz

Unit : mm

Bore d_1	Bore d_2	Model	Motor kW	Pump SC	Pump A	Pump PL	Base BL	Base BA	Base BM	Base BP1/BP2	Base BW	Combinations DH	Combinations TL	Combinations E	Combinations AS	Combinations ML	Combinations ZH	Combinations ZF1	Combinations ZF2	Combinations Z	Mass kg
65	50	KR655M×2ME11	11	210	135	645	1170	170	800	380	430	470	1233	170	210	575	242	116	32	56	239
		KR655M×2ME15	15	210	135	645	1170	170	800	380	430	470	1233	170	210	575	242	116	32	56	249
		KR655M×3ME11	11	210	200	710	1170	170	800	380	430	470	1288	225	210	575	242	116	32	56	255
		KR655M×3ME15	15	210	200	710	1170	170	800	380	430	470	1288	225	210	575	242	116	32	56	265
		KR655M×3ME18	18.5	210	200	710	1170	170	800	380	430	470	1332	225	210	619	242	160	32	56	285
		KR655M×4ME15	15	210	265	775	1290	290	800	380	430	470	1353	290	210	575	242	116	32	56	283
		KR655M×4ME18	18.5	210	265	775	1290	290	800	380	430	470	1397	290	210	619	242	160	32	56	303
		KR655M×4ME22	22	210	265	775	1310	260	800	310/420	420	470	1422	290	210	644	248	167	35	56	346
		KR655M×4ME30	30	210	265	775	1310	260	800	310/420	470	470	1498	290	210	720	509	243	35	56	424
		KR655M×5ME18	18.5	210	330	840	1290	290	800	380	430	470	1462	355	210	619	242	160	32	56	319
		KR655M×5ME22	22	210	330	840	1310	260	800	310/420	420	470	1487	355	210	644	248	167	35	56	362
		KR655M×5ME30	30	210	330	840	1310	260	800	310/420	470	470	1563	355	210	720	509	243	135	56	440
		KR655M×6ME30	30	210	395	905	1360	280	800	415	450	485	1628	385	245	720	524	278	133	56	450
		KR655M×6ME37	37	210	395	905	1400	300	800	465	500	490	1659	405	245	751	578	244	101	90	500
80	65	KR805M×2ME11	11	230	155	665	1170	170	800	310/380	430	490	1243	180	210	575	242	116	32	56	251
		KR805M×2ME15	15	230	155	665	1170	170	800	310/380	430	490	1243	180	210	575	242	116	32	56	261
		KR805M×2ME18	18.5	230	155	665	1170	170	800	310/380	430	490	1287	180	210	619	242	160	32	56	281
		KR805M×2ME22	22	230	155	665	1210	160	800	310/420	470	490	1312	180	210	644	248	167	35	56	324
		KR805M×2ME30	30	230	155	665	1210	160	800	310/420	470	490	1388	180	210	720	509	243	135	56	400
		KR805M×3ME18	18.5	230	230	740	1170	170	800	310/380	430	490	1362	255	210	619	242	160	32	56	301
		KR805M×3ME22	22	230	230	740	1210	160	800	310/420	470	490	1387	255	210	644	248	127	35	56	344
		KR805M×3ME30	30	230	230	740	1210	160	800	310/420	470	490	1463	255	210	720	509	243	135	56	420
		KR805M×3ME37	37	230	230	740	1320	235	800	340/460	510	490	1494	255	210	751	578	229	98	90	479
		KR805M×3ME45	45	230	230	740	1320	235	800	340/460	510	490	1538	255	210	751	578	229	98	90	489
		KR805M×4ME30	30	230	305	815	1310	260	800	310/420	470	490	1569	330	210	720	509	243	135	56	444
		KR805M×4ME37	37	230	305	815	320	235	800	340/460	510	490	1569	330	210	751	578	229	98	90	501
		KR805M×4ME45	45	230	305	815	320	235	800	340/460	510	490	1569	330	210	751	578	229	98	90	511
		KR805M×4ME55	55	230	380	898	1450	325	800	525	560	530	1654	340	200	827	592	294	131	90	516
		KR805M×5ME45	45	230	380	890	1400	300	800	465	500	510	1644	390	225	751	579	244	101	90	586
		KR805M×5ME55	55	230	294	823	1450	325	800	525	560	530	1729	280	335	827	592	294	131	90	610
100	80	KR1005M×3ME45	45	260	265	831	1350	275	800	475	515	610	1585	375	150	751	642	200	106	90	576
		KR1005M×3ME55	55	260	350	916	1450	325	800	520	560	610	1747	425	185	827	642	302	128	90	590
		KR1005M×3ME75	75	260	265	831	1500	250	1000	575	615	610	1847	265	260	1012	693	135	78	G3	783
		KR1005M×4ME55	55	260	350	916	1450	325	800	520	560	610	1747	425	185	827	642	302	128	90	590
		KR1005M×4ME75	75	260	350	916	1500	250	1000	575	615	610	1932	350	260	1012	693	135	78	G3	828
		KR1005M×4ME90	90	260	350	916	1500	250	1000	575	615	610	1932	350	260	1012	693	135	78	G3	878

Note) If the motor end is within the base, TL≧PL+3 (4)+ML applies.

KR-M/Hd/520 E

60Hz

Unit : mm

Bore d1	Bore d2	Model	Motor kW	Pump SC	Pump A	Pump PL	Base BL	Base BA	Base BM	Base BP1 BP2	Base BW	Combinations DH	Combinations TL	Combinations E	Combinations AS	Combinations ML	Combinations ZH	Combinations ZF1	Combinations ZF2	Combinations Z	Mass kg
50	40	KR506M×2ME5.5	5.5	190	125	630	1005	145	630	310	360	450	1114	115	240	451	250	202	16	27	178
		KR506M×2ME7.5	7.5	190	125	630	1005	145	630	310	360	450	1114	115	240	451	250	202	16	27	188
		KR506M×2ME11	11	190	125	630	1170	170	800	310 380	430	450	1233	170	210	575	242	116	33	56	224
		KR506M×3ME7.5	7.5	190	185	690	1005	145	630	310	360	450	1144	175	240	451	250	202	16	27	201
		KR506M×3ME11	11	190	185	690	1170	170	800	310 380	430	450	1268	205	210	575	242	116	32	56	237
		KR506M×3ME15	15	190	185	690	1170	170	800	310 380	430	450	1268	205	210	575	242	116	32	56	247
		KR506M×3ME18	18.5	190	185	690	1170	170	800	310 380	430	450	1312	205	210	619	242	160	32	56	267
		KR506M×4ME11	11	190	245	750	1170	170	800	310 380	430	450	1328	265	210	575	242	116	32	56	250
		KR506M×4ME15	15	190	245	750	1170	170	800	310 380	430	450	1328	265	210	575	242	116	32	56	260
		KR506M×4ME18	18.5	190	245	750	1170	170	800	310 380	430	450	1372	265	210	619	242	160	32	56	280
		KR506M×4ME22	22	190	245	750	1310	260	800	310 420	470	450	1397	265	210	644	248	167	35	56	325
		KR506M×5ME15	15	190	305	810	1290	290	800	310 380	430	450	1388	325	210	575	242	116	32	56	272
		KR506M×5ME18	18.5	190	305	810	1290	290	800	310 380	430	450	1432	325	210	619	242	160	32	56	295
		KR506M×5ME22	22	190	305	810	1310	260	800	310 420	470	450	1457	265	210	644	248	167	35	56	338
		KR506M×5ME30	30	190	305	810	1310	260	800	310 420	470	450	1533	325	210	720	509	243	135	56	416

Note) If the motor end is within the base, TL≧PL+3 (4)+ML applies.

KR-M/Hd/610 E

60Hz

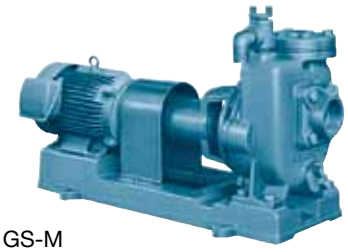
Unit : mm

Bore d1	Bore d2	Model	Motor kW	Pump SC	Pump A	Pump PL	Base BL	Base BA	Base BM	Base BP1 BP2	Base BW	Combinations DH	Combinations TL	Combinations E	Combinations AS	Combinations ML	Combinations ZH	Combinations ZF1	Combinations ZF2	Combinations Z	Mass kg
65	50	KR656M×2ME11	11	210	135	645	1170	170	800	310 380	430	470	1233	160	210	575	242	116	32	56	239
		KR656M×2ME15	15	210	135	645	1170	170	800	310 380	430	470	1233	160	210	575	242	116	32	56	249
		KR656M×2ME18	18.5	210	135	645	1170	170	800	310 380	430	470	1277	160	210	619	242	160	32	56	269
		KR656M×2ME22	22	210	135	645	1210	160	800	310 420	470	470	1292	160	210	644	248	167	35	56	312
		KR656M×3ME15	15	210	200	710	1170	170	800	310 380	430	470	1288	225	210	575	242	116	32	56	265
		KR656M×3ME18	18.5	210	200	710	1170	170	800	310 380	430	470	1332	225	210	619	242	160	32	56	285
		KR656M×3ME22	22	210	200	710	1210	160	800	310 420	470	470	1357	225	210	644	248	167	35	56	328
		KR656M×3ME30	30	210	200	710	1210	160	800	310 420	470	470	1433	225	210	720	509	243	135	56	406
		KR656M×3ME37	37	210	200	710	1320	235	800	340 460	510	490	1474	225	210	751	578	229	98	90	465
		KR656M×4ME22	22	210	265	775	1310	260	800	420	470	470	1422	290	210	644	248	167	35	56	346
		KR656M×4ME30	30	210	265	775	1310	260	800	310 420	470	470	1498	290	210	720	509	243	135	56	424
		KR656M×4ME37	37	210	265	775	1320	235	800	340 460	510	490	1529	290	210	751	578	229	98	90	481
		KR656M×4ME45	45	210	265	775	1320	235	800	340 460	510	490	1529	290	210	751	578	229	98	90	491
80	65	KR806M×2ME18	18.5	230	155	665	1170	170	800	310 380	430	490	1287	180	210	619	242	160	32	56	281
		KR806M×2ME22	22	230	155	665	1210	160	800	310 420	470	490	1312	180	210	644	248	167	35	56	324
		KR806M×2ME30	30	230	155	665	1210	160	800	310 420	470	490	1388	180	210	720	509	243	135	56	400
		KR806M×2ME37	37	230	155	665	1320	235	800	340 460	510	510	1474	180	210	751	578	229	98	90	459
		KR806M×2ME45	45	230	155	665	1320	235	800	340 460	510	510	1474	180	210	751	578	229	98	90	469
		KR806M×2ME55	55	230	155	673	1450	325	800	525	560	530	1639	325	200	827	598	294	131	90	546
		KR806M×3ME30	30	230	230	740	1210	160	800	310 420	470	490	1463	255	210	720	509	243	135	56	420
		KR806M×3ME37	37	230	230	740	1320	235	800	340 460	510	510	1494	255	210	751	578	229	98	90	479
		KR806M×3ME45	45	230	230	740	1320	235	800	340 460	510	510	1494	255	210	751	578	229	98	90	489
		KR806M×3ME55	55	230	230	748	1450	325	800	525	560	530	1639	325	200	827	598	294	131	90	566
100	80	KR1006M×2ME45	45	260	180	476	1350	275	800	475	515	610	1500	290	150	751	648	200	106	90	541
		KR1006M×2ME55	55	260	180	476	1450	325	800	520	500	610	1647	325	185	827	648	302	128	90	604
		KR1006M×2ME75	75	260	180	746	1500	250	1000	575	615	610	1832	180	260	1012	693	135	78	G3	758
		KR1006M×2ME90	90	260	180	746	1500	250	1000	575	615	610	1832	180	260	1012	693	135	78	G3	793
		KR1006M×3ME75	75	260	265	831	1500	250	1000	575	615	610	1847	265	260	1012	693	135	78	G3	808
		KR1006M×3ME90	90	260	265	831	1500	250	1000	575	615	610	1847	265	260	1012	693	135	78	G3	843
		KR1006M×3ME110	100	260	265	831	1550	250	1000	670	710	640	1941	350	175	1106	763	220	125	G3	988

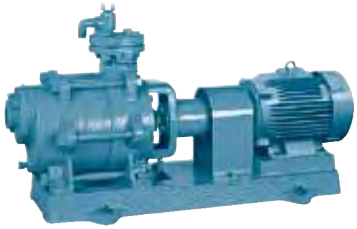
Note) If the motor end is within the base, TL≧PL+3 (4)+ML applies.

KR-M/Hd/620 E

GS-M·KS Self-priming turbine pump 2 pole



GS-M



KS

Application

(Please inquire in case drinking water application.)

Features

- Self-priming pump construction (PAT.) does not require foot valve
- Various kind of models
- Easy maintenance and inspection due to back pull out construction
- Low operation sound (GS-M)

Maximum suction total head (20℃)

–6m (GS-405-MN0.4 : –5m)

Standard specifications

●Liquid	Clean water 0~40˚C (however there should be no freezing)	
●Materials	GS-M	Impeller : Cast iron Shaft : SUS403+S35C Casing : Cast iron
	KS	Impeller : Bronze Shaft : SUS403 Casing : Cast iron
●Shaft sealing	Gland packing	
●Motor	TEFC indoor, Three phase	

Standard accessories

Motor, Base, Coupling, Companion flanges, Coupling cover, Priming and exhaust valve, Strainer

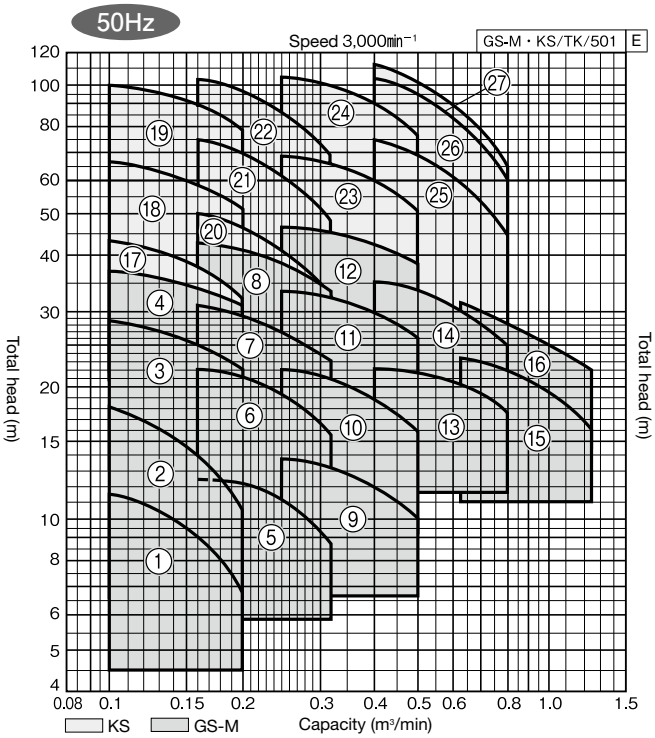
Maximum back pressure

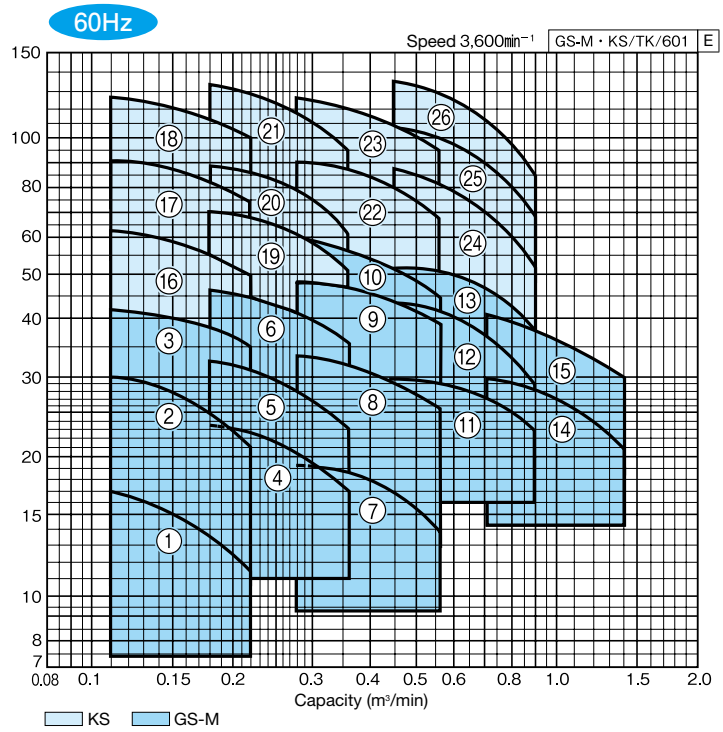
GS-M	0.098MPa
KS	0.39MPa

* however, Shut off operation pressure +Buck pressure should be less than 1.37MPa

Selection chart

These charts show the performance in case of Kawamoto standard motor. Inquire specification sheets and drawings in case of actual work planing.





Specification table

GS-M 50Hz

GS-M/SI/501 E

Bored	Ref	Model	Motor	Performance						Vibration isolator application table	
				Capacity	Total head	Capacity	Total head	Capacity	Total head		
mm			kW	m³/min	m	m³/min	m	m³/min	m		
40	1	GS-405-MN0.4	0.4	0.1	11.5	0.14	10	0.2	6.8	QRE-02A	PX-75Z
	2	GS405ME0.75	0.75	0.1	18	0.14	15.5	0.2	10.5	QRE-02A	PX-75Z
	3	GS405ME1.5	1.5	0.1	28.5	0.14	26.5	0.2	22	QRE-03A	PX-85Z
	4	GS405ME2.2	2.2	0.1	37	0.14	35	0.2	30.5	QRE-03A	PX-85Z
50	5	GS505ME0.75	0.75	0.16	12.5	0.22	11.8	0.32	8.8	QRE-03A	PX-75Z
	6	GS505ME1.5	1.5	0.16	22.2	0.22	20.2	0.32	15.5	QRE-06A	PX-75Z
	7	GS505ME2.2	2.2	0.16	31	0.22	28.5	0.32	23	PBKV-75-1006-01	PX-85Z
	8	GS505ME3.7	3.7	0.16	43	0.22	40	0.32	33.5	PBKV-70-1006-01	PX-85Z
65	9	GS655ME1.5	1.5	0.25	13.8	0.36	12.5	0.5	10	QRE-02A	PX-85Z
	10	GS655ME2.2	2.2	0.25	22	0.36	20	0.5	15.8	QRE-02A	PX-85Z
	11	GS655ME3.7	3.7	0.25	33.5	0.36	31.5	0.5	26	QRE-07B	PX-95Z
	12	GS655ME5.5	5.5	0.25	47	0.36	44.5	0.5	38.5	QRE-07B	PX-110Z
80	13	GS805ME3.7	3.7	0.4	22	0.56	21	0.8	17.5	QRE-07B	PX-95Z
	14	GS805ME5.5	5.5	0.4	35.5	0.56	32	0.8	25	QRE-07B	PX-110Z
100	15	GS1005ME5.5	5.5	0.63	23.5	0.9	20.5	1.25	16	QRE-07B	PX-110Z
	16	GS1005ME7.5	7.5	0.63	31	0.9	27	1.25	22	QRE-08B	PX-110Z

KS 50Hz

KS/SI/501 E

Bored	Ref	Model	Motor	No. of stage	Performance						Vibration isolator application table	
					Total head	Capacity	Total head	Capacity	Total head	Capacity		
mm			kW	S	m³/min	m	m³/min	m	m³/min	m		
40	17	KS405×2ME2.2	2.2	2	0.1	43	0.14	40	0.2	32	QRE-04D	PX-85Z
	18	KS405×3ME3.7	3.7	3	0.1	67	0.14	62	0.2	51	QRE-04D	PX-110Z
	19	KS405×4ME5.5	5.5	4	0.1	100	0.14	94	0.2	79	QRE-07B	PX-120Z
50	20	KS505×2ME3.7	3.7	2	0.16	50	0.22	45	0.32	33	QRE-04D	PX-110Z
	21	KS505×3ME5.5	5.5	3	0.16	75	0.22	67	0.32	49	QRE-05D	PX-110Z
	22	KS505×4ME7.5	7.5	4	0.16	103	0.22	93	0.32	69	QRE-08B	PX-120Z
65	23	KS655×2ME7.5	7.5	2	0.25	69	0.36	63	0.5	52	QRE-06D	PX-110Z
	24	KS655×3ME11	11	3	0.25	104	0.36	95	0.5	77	QRE-08B	PX-130Z
80	25	KS805×2ME11	11	2	0.4	75	0.56	65	0.8	45	QRE-08B	PX-120Z
	26	KS805×3ME15	15	3	0.4	103	0.56	89	0.8	60	QRE-09B	PX-130Z
	27	KS805×3ME18	18.5	3	0.4	111	0.56	95	0.8	65	QRE-09B	PX-S146Z

GS-M 60Hz

GS-M/SI/601 E

Bored	Ref	Model	Motor	Performance						Vibration isolator application table	
				Capacity	Total head	Capacity	Total head	Capacity	Total head		
mm			kW	m³/min	m	m³/min	m	m³/min	m		
40	1	GS406ME0.75	0.75	0.11	17	0.16	14.5	0.22	11.2	QRE-02A	PX-75Z
	2	GS406ME1.5	1.5	0.11	30	0.16	27	0.22	21	QRE-02A	PX-75Z
	3	GS406ME2.2	2.2	0.11	42	0.16	39.5	0.22	35	QRE-02A	PX-85Z
50	4	GS506ME1.5	1.5	0.18	23.5	0.25	21.5	0.36	17	QRE-02A	PX-75Z
	5	GS506ME2.2	2.2	0.18	32.5	0.25	29.5	0.36	23	QRE-02A	PX-75Z
	6	GS506ME3.7	3.7	0.18	46	0.25	43	0.36	35.5	QRE-02A	PX-85Z
65	7	GS656ME2.2	2.2	0.28	19.2	0.4	17.8	0.56	13.8	QRE-02A	PX-85Z
	8	GS656ME3.7	3.7	0.28	33.5	0.4	30.5	0.56	25.5	QRE-02A	PX-95Z
	9	GS656ME5.5	5.5	0.28	48.5	0.4	45.5	0.56	39	QRE-05D	PX-110Z
	10	GS656ME7.5	7.5	0.28	60	0.4	54.5	0.56	45	QRE-05D	PX-110Z
80	11	GS806ME5.5	5.5	0.45	29.5	0.63	28	0.9	23	QRE-05D	PX-110Z
	12	GS806ME7.5	7.5	0.45	44.5	0.63	39.2	0.9	28.5	QRE-05D	PX-110Z
	13	GS806ME11	11	0.45	51.5	0.63	47.8	0.9	37.8	QRE-08B	PX-120Z
100	14	GS1006ME7.5	7.5	0.71	30	1.0	27	1.4	21	QRE-06D	PX-110Z
	15	GS1006ME11	11	0.71	41	1.0	36.2	1.4	29.5	QRE-08B	PX-120Z

KS 60Hz

KS/SI/601 E

Bored	Ref	Model	Motor	No. of stage	Performance						Vibration isolator application table	
					Total head	Capacity	Total head	Capacity	Total head	Capacity		
mm			kW	S	m³/min	m	m³/min	m	m³/min	m		
40	16	KS406×2ME3.7	3.7	2	0.11	64	0.16	59	0.22	50	QRE-04D	PX-110Z
	17	KS406×3ME5.5	5.5	3	0.11	92	0.16	86	0.22	75	QRE-05D	PX-110Z
	18	KS406×4ME7.5	7.5	4	0.11	126	0.16	118	0.22	100	QRE-07B	PX-120Z
50	19	KS506×2ME5.5	5.5	2	0.18	71	0.25	66	0.36	52	QRE-05D	PX-110Z
	20	KS506×3ME7.5	7.5	3	0.18	89	0.25	84	0.36	64	QRE-05D	PX-110Z
	21	KS506×4ME11	11	4	0.18	134	0.25	122	0.36	96	QRE-08B	PX-130Z
65	22	KS656×2ME11	11	2	0.28	91	0.4	83	0.56	68	QRE-08B	PX-120Z
	23	KS656×3ME15	15	3	0.28	127	0.4	116	0.56	95	QRE-09B	PX-130Z
80	24	KS806×2ME15	15	2	0.45	88	0.63	76	0.9	52	QRE-09B	PX-120Z
	25	KS806×2ME18	18.5	2	0.45	109	0.63	97	0.9	70	QRE-09B	PX-130Z
	26	KS806×3ME22	22	3	0.45	134	0.63	120	0.9	84	QRE-10B	PX-S146Z

GS-M·KS Type

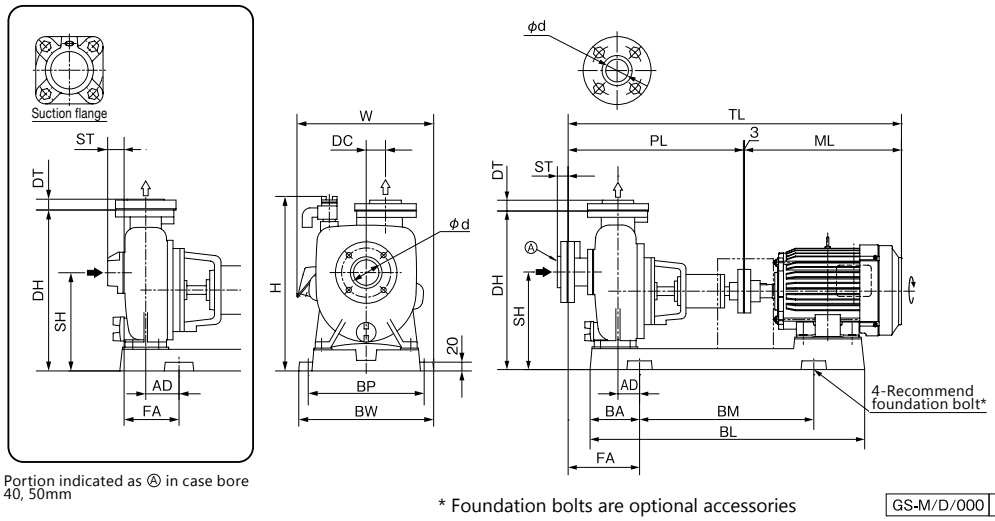
Outline dimension table

Inquire specification sheets and drawings in case of actual work planing

GS-M

Unit : mm

Bore d	ST	DT
40	38	25
50	38	27
65	104	31
80	126	33
100	134	39



Portion indicated as Ⓐ in case bore 40, 50mm

* Foundation bolts are optional accessories

GS-M/D/000 E

50Hz

Unit : mm

Bore d	Model	Motor kW	Pump DC	Pump PL	Base BL	Base BA	Base BM	Base BP	Base BW	Combinations H	Combinations DH	Combinations SH	Combinations TL	Combinations AD	Combinations FA	Combinations W	Combinations ML	Recommend foundation bolt size	Mass kg
40	GS-405-MN0.4	0.4	35	390	558	127	320	220	254	401	322	207	631	62	117	273	238	M12×160	42
	GS405ME0.75	0.75	35	390	576	127	320	220	254	396	322	207	655	62	117	272	262		48
	GS405ME1.5	1.5	50	428	668	137	400	250	284	412	372	227	743	77	127	300	312		62
	GS405ME2.2	2.2	50	404	689	137	400	310	344	437	395	240	719	77	127	—	312		86
50	GS505ME0.75	0.75	40	405	576	127	320	220	254	396	322	212	670	67	132	272	262	M12×160	50
	GS505ME1.5	1.5	40	405	626	107	400	250	284	396	322	212	720	47	112	300	312		54
	GS505ME2.2	2.2	50	438	668	137	400	250	284	412	372	232	753	82	137	300	312		71
	GS505ME3.7	3.7	50	418	689	137	400	310	344	459	417	267	802	82	137	353	381		91
65	GS655ME1.5	1.5	52	489	698	167	400	250	284	434	392	242	804	87	230	300	312	M16×200	77
	GS655ME2.2	2.2	52	489	698	167	400	250	284	434	392	242	804	87	230	300	312		81
	GS655ME3.7	3.7	55	503	750	172	400	310	354	497	455	280	887	92	235	358	381		115
	GS655ME5.5	5.5	55	503	788	142	500	340	384	497	455	280	957	62	205	389	451		131
80	GS805ME3.7	3.7	50	528	736	167	400	280	314	449	412	247	912	97	265	338	381	M16×200	96
	GS805ME5.5	5.5	50	588	862	177	500	340	384	512	475	285	1042	82	250	389	451		147
100	GS1005ME5.5	5.5	60	610	862	177	500	340	384	512	475	295	1064	87	272	389	451	M16×200	155
	GS1005ME7.5	7.5	60	610	862	177	500	340	384	512	475	295	1064	87	272	389	451		162

Note 1) W is omitted in case W≦BW Note 2) If the motor end is within the base, TL≧PL+3+ML applies.

GS-M/d/500 E

60Hz

Unit : mm

Bore d	Model	Motor kW	Pump DC	Pump PL	Base BL	Base BA	Base BM	Base BP	Base BW	Combinations H	Combinations DH	Combinations SH	Combinations TL	Combinations AD	Combinations FA	Combinations W	Combinations ML	Recommend foundation bolt size	Mass kg
40	GS406ME0.75	0.75	35	390	576	127	320	220	254	396	322	207	655	67	117	272	262	M12×160	58
	GS406ME1.5	1.5	35	390	626	107	400	250	284	396	322	207	705	47	97	300	312		53
	GS406ME2.2	2.2	50	428	668	137	400	250	284	412	372	227	743	77	127	300	312		72
50	GS506ME1.5	1.5	40	405	626	107	400	250	284	396	322	212	720	47	112	300	312	M12×160	54
	GS506ME2.2	2.2	40	405	626	107	400	250	284	396	322	212	720	47	112	300	312		61
	GS506ME3.7	3.7	50	442	711	152	400	280	314	412	372	232	826	97	152	338	381		86
65	GS656ME2.2	2.2	52	489	698	167	400	250	284	434	392	242	804	87	230	300	312	M16×200	81
	GS656ME3.7	3.7	52	493	736	167	400	280	314	434	392	242	877	87	230	338	381		96
	GS656ME5.5	5.5	55	503	788	142	500	340	384	497	455	280	957	62	205	389	451		131
	GS656ME7.5	7.5	55	503	788	142	500	340	384	497	455	280	957	62	205	389	451		139
80	GS806ME5.5	5.5	50	588	862	177	500	340	384	512	475	285	1042	82	250	389	451	M16×200	147
	GS806ME7.5	7.5	50	588	862	177	500	340	384	512	475	285	1042	82	250	389	451		160
	GS806ME11	11	50	588	984	177	630	380	424	512	475	285	1166	82	250	479	575		184
100	GS1006ME7.5	7.5	60	610	862	177	500	340	384	512	475	295	1064	87	272	389	451	M16×200	162
	GS1006ME11	11	60	610	984	177	630	380	424	512	475	295	1188	87	272	479	575		189

Note 1) W is omitted in case W≦BW Note 2) If the motor end is within the base, TL≧PL+3+ML applies.

GS-M/d/600 E

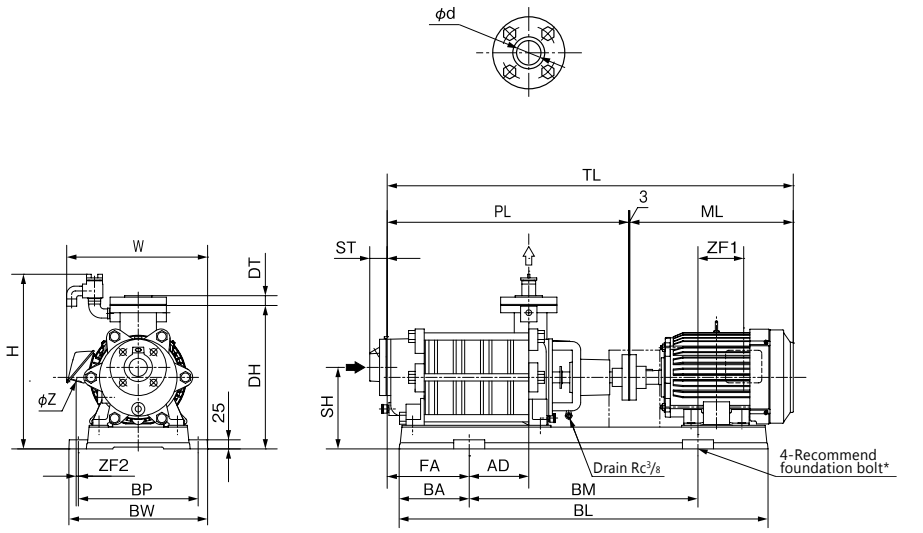
Outline dimension table

Inquire specification sheets and drawings in case of actual work planing

KS

Unit : mm

Bore d	ST	DT
40	45	25
50	48	27
65	48	31
80	53	33



KS/D/000 E

* Foundation bolts are optional accessories · Recommend foundation bolt size: M16×200

50Hz

Unit : mm

Bore d	Model	Motor kW	Pump PL	Base BL	BA	BM	BP	BW	Combinations H	DH	SH	TL	FA	AD	W	ML	ZF1	ZF2	Z	Mass kg
40	KS405×2ME2.2	2.2	505	740	140	500	315	371	481	395	232	820	168	62	—	312	62	−27	27	107
	KS405×3ME3.7	3.7	580	866	183	500	315	367	481	395	232	964	206	99	—	381	146	−6	27	134
	KS405×4ME5.5	5.5	655	1016	193	630	330	382	481	395	232	1109	216	164	388	451	126	6	27	164
50	KS505×2ME3.7	3.7	515	866	183	500	315	367	481	395	225	899	175	65	—	381	112	−6	27	126
	KS505×3ME5.5	5.5	590	916	208	500	330	382	481	395	225	1044	237	78	388	451	170	6	27	153
	KS505×4ME7.5	7.5	665	1016	193	630	330	382	481	395	225	1119	226	164	388	451	126	6	27	173
65	KS655×2ME7.5	7.5	571	918	209	500	355	407	511	425	250	1025	251	7	—	451	137	−7	27	169
	KS655×3ME11	11	646	1076	223	630	385	437	511	425	250	1224	265	68	485	575	182	30	56	216
80	KS805×2ME11	11	601	1016	193	630	385	437	531	445	245	1179	250	30	485	575	152	30	56	206
	KS805×3ME15	15	686	1136	253	630	385	437	531	445	245	1264	315	40	485	575	172	30	56	233
	KS805×3ME18	18.5	686	1136	253	630	385	437	531	445	245	1308	315	40	485	619	216	30	56	253

Note 1) W is omitted in case W≦BW Note 2) <-> shows revers direction to the drawing in this table

KS/d/500 E

60Hz

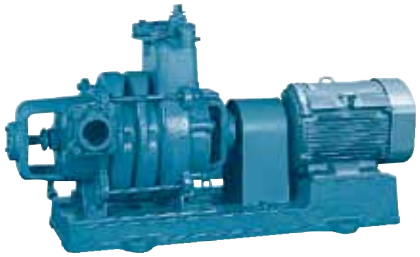
Unit : mm

Bore d	Model	Motor kW	Pump PL	Base BL	BA	BM	BP	BW	Combinations H	DH	SH	TL	FA	AD	W	ML	ZF1	ZF2	Z	Mass kg
40	KS406×2ME3.7	3.7	505	866	183	500	315	367	481	395	232	889	165	65	–	381	112	−6	27	123
	KS406×3ME5.5	5.5	580	916	208	500	330	382	481	395	232	1034	227	78	388	451	170	6	27	151
	KS406×4ME7.5	7.5	655	1016	193	630	330	382	481	395	232	1109	216	164	388	451	126	6	27	172
50	KS506×2ME5.5	5.5	515	816	158	500	330	382	481	395	225	969	197	43	388	451	135	6	27	140
	KS506×3ME7.5	7.5	590	916	208	500	330	382	481	395	225	1044	237	78	388	451	170	6	27	162
	KS506×4ME11	11	670	1106	238	630	385	437	509	423	253	1248	270	120	485	575	201	30	56	212
65	KS656×2ME11	11	571	1016	193	630	385	437	511	425	250	1149	228	30	485	575	144	30	56	202
	KS656×3ME15	15	646	1136	253	630	385	437	511	425	250	1224	287	46	485	575	160	30	56	227
80	KS806×2ME15	15	601	1076	223	630	385	437	531	445	245	1179	272	8	485	575	130	30	56	217
	KS806×2ME18	18.5	607	1076	223	630	385	437	531	445	245	1229	272	8	485	619	180	30	56	237
	KS806×3ME22	22	693	1136	253	630	425	477	551	465	265	1340	318	37	528	644	227	32	56	289

Note 1) W is omitted in case W≦BW Note 2) <-> shows revers direction to the drawing in this table

KS/d/600 E

TVS Self-priming turbine pump 4 pole



Application

(Note Please inquire in case drinking water application.)

Features

- Self-priming pump construction does not require foot valve and makes priming works easier
- Various kind of models for small to large flow rate

Maximum suction total head (20℃)

–6m (Bore 150mm model: –5.5m)

Maximum back pressure

0.20MPa

Standard specifications

- Liquid: Clean water 0~40˚C (however there should be no freezing)
- Materials: Impeller : Cast iron
Shaft : SUS403
Casing : Cast iron
- Shaft sealing: Gland packing
- Motor: TEFC indoor, Three phase

Standard accessories

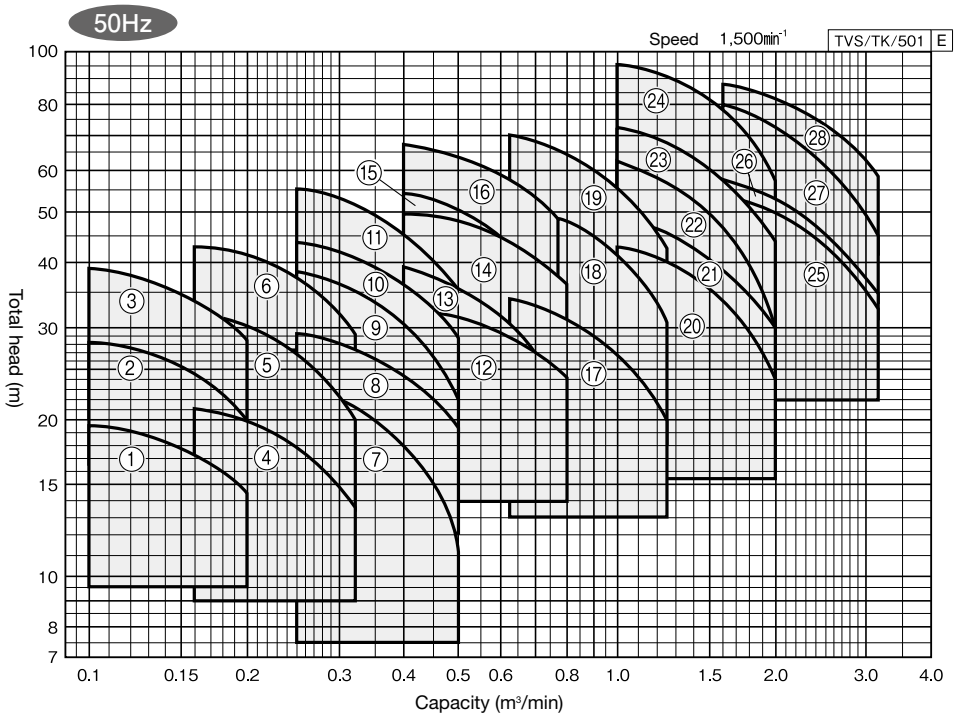
Motor, Base, Coupling, Companion flanges, Coupling cover, Priming and exhaust valve, Strainer

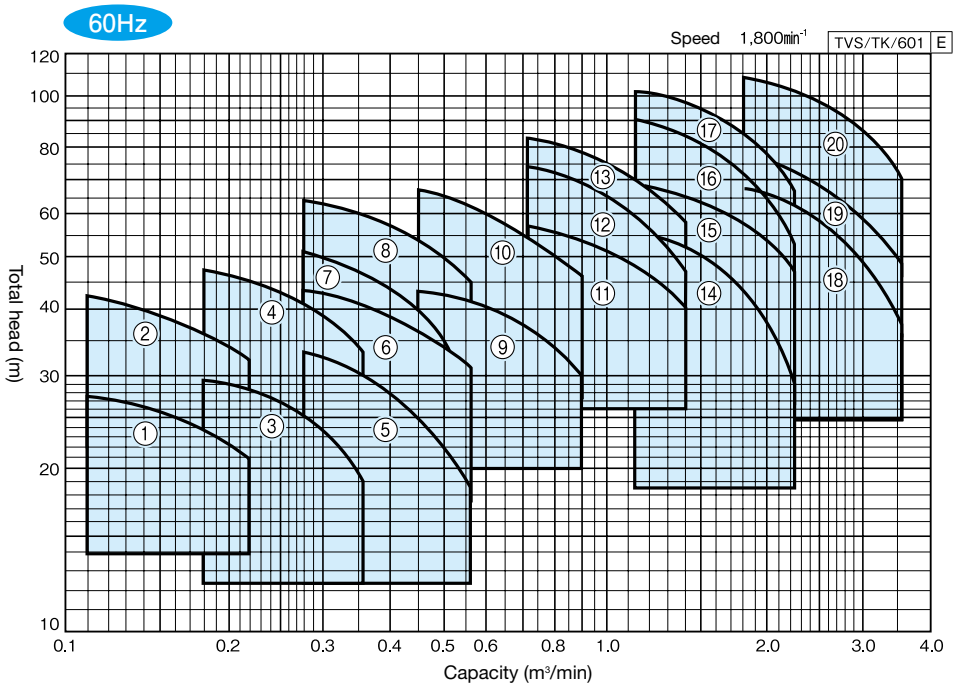
Maximum back pressurs

- TVS: Suction direction is left side (viewing from motor)
- TVS-R: Right side suction

Selection chart

These charts show the performance in case of Kawamoto standard motor. Inquire specification sheets and drawings in case of actual work planing.





Specification table

50Hz

TVS/SI/501 E

Bore d	Ref	Model	Motor	No. of stage	Performance						Vibration isolator application table	
					Capacity	Total head	Capacity	Total head	Capacity	Total head		
mm			kW		m³/min	m	m³/min	m	m³/min	m		
40	1	TVS405×2ME1.5	1.5	2	0.1	19.5	0.14	18	0.2	14.5	QRE-02A	PX-85Z
	2	TVS405×3ME1.5	1.5	3	0.1	28	0.14	26	0.2	20	QRE-02A	PX-85Z
	3	TVS405×4ME2.2	2.2	4	0.1	39	0.14	36	0.2	28.5	QRE-04A	PX-95Z
50	4	TVS505×2ME1.5	1.5	2	0.16	21	0.22	19	0.32	13.5	QRE-02A	PX-85Z
	5	TVS505×3ME2.2	2.2	3	0.16	32	0.22	29	0.32	20	QRE-04A	PX-95Z
	6	TVS505×4ME3.7	3.7	4	0.16	43	0.22	40	0.32	29	QRE-05A	PX-110Z
65	7	TVS655×2ME2.2	2.2	2	0.25	23	0.36	19.2	0.5	11.5	QRE-04A	PX-95Z
	8	TVS655×2ME3.7	3.7	2	0.25	29	0.36	25.5	0.5	19.5	QRE-05A	PX-95Z
	9	TVS655×3ME3.7	3.7	3	0.25	38.5	0.36	33	0.5	22	QRE-05A	PX-110Z
	10	TVS655×3ME5.5	5.5	3	0.25	44	0.36	38.5	0.5	29	QRE-05D	PX-110Z
	11	TVS655×4ME5.5	5.5	4	0.25	55	0.36	48.5	0.5	35.5	QRE-06D	PX-110Z
80	12	TVS805×2ME5.5	5.5	2	0.4	33	0.56	30	0.8	24	QRE-06D	PX-110Z
	13	TVS805×3ME5.5	5.5	3	0.4	38.5	0.56	33.5	0.8	21	QRE-08B	PX-130Z
	14	TVS805×3ME7.5	7.5	3	0.4	50	0.56	46	0.8	36.5	QRE-08B	PX-130Z
	15	TVS805×4ME7.5	7.5	4	0.4	54	0.56	47	0.8	30	QRE-08B	PX-130Z
	16	TVS805×4ME11	11	4	0.4	67	0.56	60.5	0.8	47	QRE-09B	PX-130Z
100	17	TVS1005×2ME7.5	7.5	2	0.63	34.5	0.9	29	1.25	19.5	QRE-09B	PX-120Z
	18	TVS1005×3ME11	11	3	0.63	52	0.9	45	1.25	31	QRE-12D	PX-S146Z
	19	TVS1005×4ME15	15	4	0.63	70	0.9	60.5	1.25	42	QRE-12D	PX-S146Z
125	20	TVS1255×2ME15	15	2	1.0	43	1.4	37.5	2.0	23.5	QRE-13F	PX-S146Z
	21	TVS1255×2ME18	18.5	2	1.0	48	1.4	42.5	2.0	29.5	QRE-13F	PX-S161Z
	22	TVS1255×3ME22	22	3	1.0	62	1.4	52.5	2.0	29.5	QRE-13F	PX-S161Z
	23	TVS1255×3ME30	30	3	1.0	72	1.4	63	2.0	43	Inquire	
	24	TVS1255×4ME37	37	4	1.0	95	1.4	86	2.0	57		
150	25	TVS1505×2ME30	30	2	1.6	54	2.24	47	3.15	33		
	26	TVS1505×2ME37	37	2	1.6	57	2.24	49	3.15	35		
	27	TVS1505×3ME45	45	3	1.6	80	2.24	67	3.15	45		
	28	TVS1505×3ME55	55	3	1.6	88	2.24	78	3.15	59		

This above models notation are in case TVS, TVS-R has same specification

60Hz

TVS/SI/602 E

Bore d	Ref	Model	Motor	No. of stage	Performance						Vibration isolator application table	
					Capacity	Total head	Capacity	Total head	Capacity	Total head		
mm			kW		m³/min	m	m³/min	m	m³/min	m		
40	1	TVS406×2ME1.5	1.5	2	0.11	27.5	0.16	25	0.22	21	QRE-02A	PX-85Z
	2	TVS406×3ME2.2	2.2	3	0.11	42	0.16	38.5	0.22	32	QRE-02A	PX-95Z
50	3	TVS506×2ME2.2	2.2	2	0.18	29.5	0.25	27	0.36	19	QRE-04A	PX-95Z
	4	TVS506×3ME3.7	3.7	3	0.18	47	0.25	43	0.36	33	QRE-05A	PX-110Z
65	5	TVS656×2ME3.7	3.7	2	0.28	33	0.4	28	0.56	18.5	QRE-05A	PX-95Z
	6	TVS656×2ME5.5	5.5	2	0.28	42.5	0.4	38.5	0.56	31	QRE-05D	PX-95Z
	7	TVS656×3ME5.5	5.5	3	0.28	50.5	0.4	43	0.56	29	QRE-05D	PX-110Z
	8	TVS656×3ME7.5	7.5	3	0.28	64	0.4	57	0.56	45	QRE-06D	PX-110Z
80	9	TVS806×2ME7.5	7.5	2	0.45	43	0.63	39.5	0.9	30	QRE-06D	PX-110Z
	10	TVS806×3ME11	11	3	0.45	66	0.63	59	0.9	45	QRE-09B	PX-130Z
100	11	TVS1006×2ME15	15	2	0.71	57.5	1.0	51.5	1.4	40	QRE-10B	PX-S146Z
	12	TVS1006×3ME18	18.5	3	0.71	74.5	1.0	65	1.4	46	Inquire	
	13	TVS1006×3ME22	22	3	0.71	83.5	1.0	75	1.4	58		
125	14	TVS1256×2ME22	22	2	1.12	56	1.6	48	2.24	28	QRE-13F	PX-S161Z
	15	TVS1256×2ME30	30	2	1.12	69	1.6	62	2.24	47.5	Inquire	
	16	TVS1256×3ME37	37	3	1.12	90	1.6	78	2.24	53		
	17	TVS1256×3ME45	45	3	1.12	102	1.6	92	2.24	66		
150	18	TVS1506×2ME45	45	2	1.8	68	2.5	58	3.55	37	Inquire	
	19	TVS1506×2ME55	55	2	1.8	78	2.5	68	3.55	48		
	20	TVS1506×3ME75	75	3	1.8	109	2.5	98	3.55	70	PBKV-170-20012-13	OMT-P11553

This above models notation are in case TVS, TVS-R has same specification

TVS Type

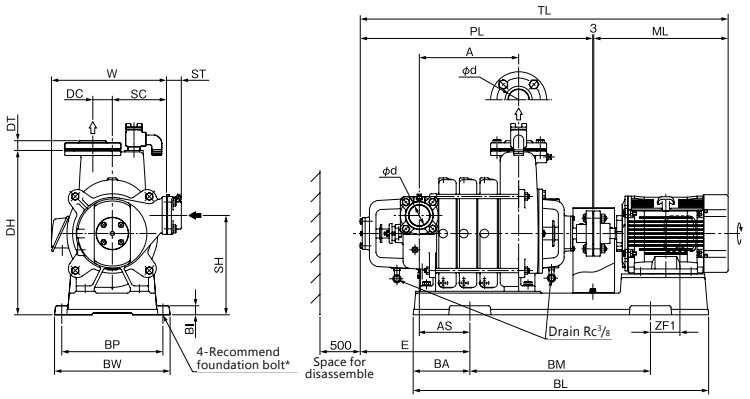
Outline dimension table

Inquire specification sheets and drawings in case of actual work planing

- Bore: 40~65mm

Flange: Suction side : Exclusive flange with valve seat
Discharge side : JIS 10K Standard type

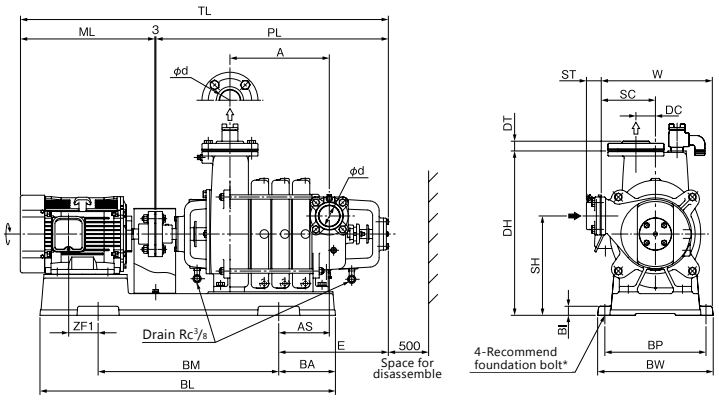
TVS



Unit : mm

Bore d	SC	DC	ST	DT
40	135	54	39	25
50	150	54	39	27
65	200	50	43	31

TVS-R



* Foundation bolts are optional accessories.
· Recommend foundation bolt size: M12×160 (5.5kW or more: M16×200)

50Hz

Unit : mm

Bore d	Model	Motor kW	Pump A	Pump PL	Base BI	Base BL	Base BA	Base BM	Base BP	Base BW	Combinations DH	Combinations SH	Combinations TL	Combinations E	Combinations AS	Combinations W	Combinations ML	Mass kg
40	TVS(R)405×2ME1.5	1.5	149	460	20	646	121	400	253	293	410	250	796	222	77	304	333	99
	TVS(R)405×3ME1.5	1.5	201	522	20	646	121	400	253	293	410	250	858	257	112	304	333	111
	TVS(R)405×4ME2.2	2.2	253	574	20	736	161	400	255	295	410	250	951	297	152	328	375	136
50	TVS(R)505×2ME1.5	1.5	161	529	20	648	121	400	251	291	445	265	865	274	110	303	333	105
	TVS(R)505×3ME2.2	2.2	218	586	20	728	161	400	259	299	445	265	964	314	150	330	375	140
	TVS(R)505×4ME3.7	3.7	275	643	25	818	157	500	280	320	455	275	1038	304	140	349	392	169
65	TVS(R)655×2ME2.2	2.2	159	529	20	732	167	400	310	344	465	300	907	267	112	380(372)	375	131
	TVS(R)655×2ME3.7	3.7	159	529	20	751	174	400	310	348	465	300	923	261	106	389(374)	392	140
	TVS(R)655×3ME3.7	3.7	224	594	25	821	161	500	310	348	478	313	988	243	88	389(374)	392	162
	TVS(R)655×3ME5.5	5.5	224	594	25	846	173	500	340	388	478	313	1051	272	117	425(419)	454	182
	TVS(R)655×4ME5.5	5.5	289	659	25	921	211	500	340	388	478	313	1113	300	145	425(419)	454	199

( ) shows value in case of TVS-R Note) If the motor end is within the base, TL≧PL+3+ML applies.

60Hz

Unit : mm

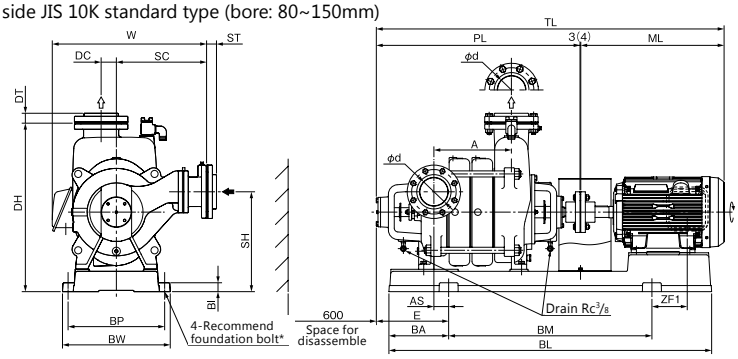
Bore d	Model	Motor kW	Pump A	Pump PL	Base BI	Base BL	Base BA	Base BM	Base BP	Base BW	Combinations DH	Combinations SH	Combinations TL	Combinations E	Combinations AS	Combinations W	Combinations ML	Mass kg
40	TVS(R)406×2ME1.5	1.5	149	460	20	646	121	400	253	293	410	250	796	222	77	304(304)	333	111
	TVS(R)406×3ME2.2	2.2	201	522	20	726	161	400	255	295	410	250	900	270	125	328(328)	375	127
50	TVS(R)506×2ME2.2	2.2	161	529	20	728	161	400	259	299	445	265	907	284	120	330(330)	375	124
	TVS(R)506×3ME3.7	3.7	218	586	25	818	157	500	280	320	445	275	981	274	110	349(349)	392	158
65	TVS(R)656×2ME3.7	3.7	159	529	20	751	174	400	310	348	465	300	923	261	106	389(374)	392	140
	TVS(R)656×2ME5.5	5.5	159	529	25	796	148	500	340	388	478	313	986	232	77	419(419)	454	168
	TVS(R)656×3ME5.5	5.5	224	594	25	846	173	500	340	388	478	313	1051	272	117	425(419)	454	182
	TVS(R)656×3ME7.5	7.5	224	594	25	896	198	500	340	388	478	313	1089	285	130	425(419)	492	196

( ) shows value in case of TVS-R Note) If the motor end is within the base, TL≧PL+3+ML applies.

● Bore: 80~150mm

Flange: Suction side JIS 10K Thin type
Discharge side JIS 10K standard type (bore: 80~150mm)

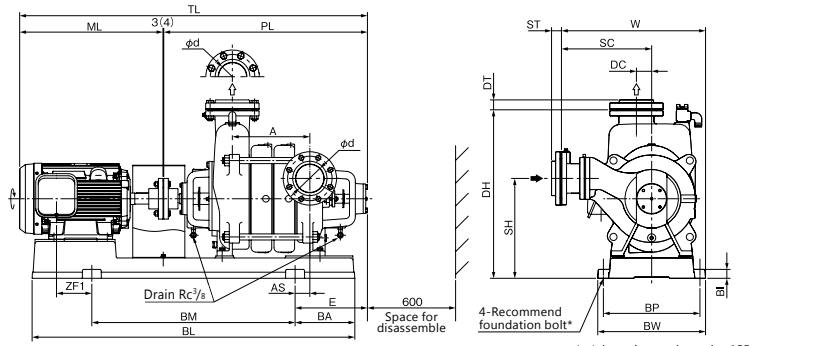
TVS



Unit : mm

Bore d	SC	DC	ST	DT
80	323	50	33	33
100	355	60	39	39
125	405	70	43	43
150	465	85	43	43

TVS-R



( )shows in case bore size 125mm or more

* Foundation bolts are optional accessories.
· Recommend foundation bolt size: M16×200 (M20×250)

50Hz

Unit : mm

Bore d	Model	Motor kW	Pump A	Pump PL	Base BI	Base BL	Base BA	Base BM	Base BP	Base BW	Combinations DH	Combinations SH	Combinations TL	Combinations E	Combinations AS	Combinations W	Combinations ML	Mass kg
80	TVS(R)805×2ME5.5	5.5	190	614	30	895	198	500	340	384	568	338	1071	302	132	548(515)	454	209
	TVS(R)805×3ME5.5	5.5	270	694	30	1080	225	630	340	384	568	338	1151	224	54	548(515)	454	231
	TVS(R)805×3ME7.5	7.5	270	694	30	1080	225	630	340	384	568	338	1189	224	54	548(515)	492	244
	TVS(R)805×4ME7.5	7.5	350	774	30	1080	225	630	340	384	568	338	1269	304	134	548(515)	492	264
	TVS(R)805×4ME11	11	350	774	30	1142	256	630	375	419	568	338	1385	358	188	586(533)	608	314
100	TVS(R)1005×2ME7.5	7.5	215	712	35	970	170	630	380	424	663	393	1208	300	73	580(567)	492	281
	TVS(R)1005×3ME11	11	305	802	35	1270	235	800	380	424	663	393	1414	285	58	618(567)	608	367
	TVS(R)1005×4ME15	15	395	892	35	1270	235	800	380	424	663	393	1548	375	148	618(567)	652	428
125	TVS(R)1255×2ME15	15	260	798	50	1174	185	800	435	503	768	473	1454	329	86	668(657)	652	470
	TVS(R)1255×2ME18	18.5	260	798	50	1427	313	800	435	503	788	493	1565	260	17	710(657)	710	573
	TVS(R)1255×3ME22	22	365	913	50	1427	313	800	435	503	788	493	1627	365	122	710(657)	710	649
	TVS(R)1255×3ME30	30	Inquire															
	TVS(R)1255×4ME37	37																
150	TVS(R)1505×2ME30	30																
	TVS(R)1505×2ME37	37																
	TVS(R)1505×3ME45	45																
	TVS(R)1505×3ME55	55																

( ) shows value in case of TVS-R type Note) If the motor end is within the base, TL≧PL+3(4)+ML applies.

TVS/d/520 E

60Hz

Unit : mm

Bore d	Model	Motor kW	Pump A	Pump PL	Base BI	Base BL	Base BA	Base BM	Base BP	Base BW	Combinations DH	Combinations SH	Combinations TL	Combinations E	Combinations AS	Combinations W	Combinations ML	Mass kg
80	TVS(R)806×2ME7.5	7.5	190	614	30	895	198	500	340	384	568	338	1109	302	132	548(515)	492	223
	TVS(R)806×3ME11	11	270	694	30	1142	256	630	375	419	568	338	1305	278	108	586(533)	608	301
100	TVS(R)1006×2ME15	15	215	712	35	1170	185	800	380	424	663	393	1368	245	18	618(567)	652	365
	TVS(R)1006×3ME18	18.5	Inquire															
	TVS(R)1006×3ME22	22																
125	TVS(R)1256×2ME22	22	260	798	50	1427	313	800	435	503	788	493	1565	260	17	710(657)	710	556
	TVS(R)1256×2ME30	30	Inquire															
	TVS(R)1256×3ME37	37																
	TVS(R)1256×3ME45	45																
150	TVS(R)1506×2ME45	45	Inquire															
	TVS(R)1506×2ME55	55																
	TVS(R)1506×3ME75	75	420	1040	60	1629	315	1000	595	663	893	563	1927	494	218	964(831)	883	1099

( ) shows value in case of TVS-R type Note) If the motor end is within the base, TL≧PL+3(4)+ML applies.

TVS/d/620 E

KUR$^{2}_{3}$·KURH$^{2}_{3}$ Type

Stainless steel submersible turbine pump
Installed in reservoir (KUR$^{2}_{3}$) Hot water hot spring (KUR$^{2}_{3}$)

Please consult in case of operation together with pressure tank

Application

KUR$^{2}_{3}$

KURH$^{2}_{3}$

Features

- Clean water supply with stainless precision casting, bronze and rubber materials.
- Built in impact relief type check valve *(except bore 80mm or more) to protect the pump from water hammer thus long life is enjoyed
- Computer analysis water flow in the impeller and the guide vane reduced friction loss and realized high performance
- Please refer to KUR3-Y (P.57) for horizontal installation model.
- The pump casing and flanges are made from precision cast stainless steel to withstand heavy load and free from strain
- The pump generates less sound and vibration with an installation in the water.

* Check valve for ground unit is necessary separately

Standard specifications

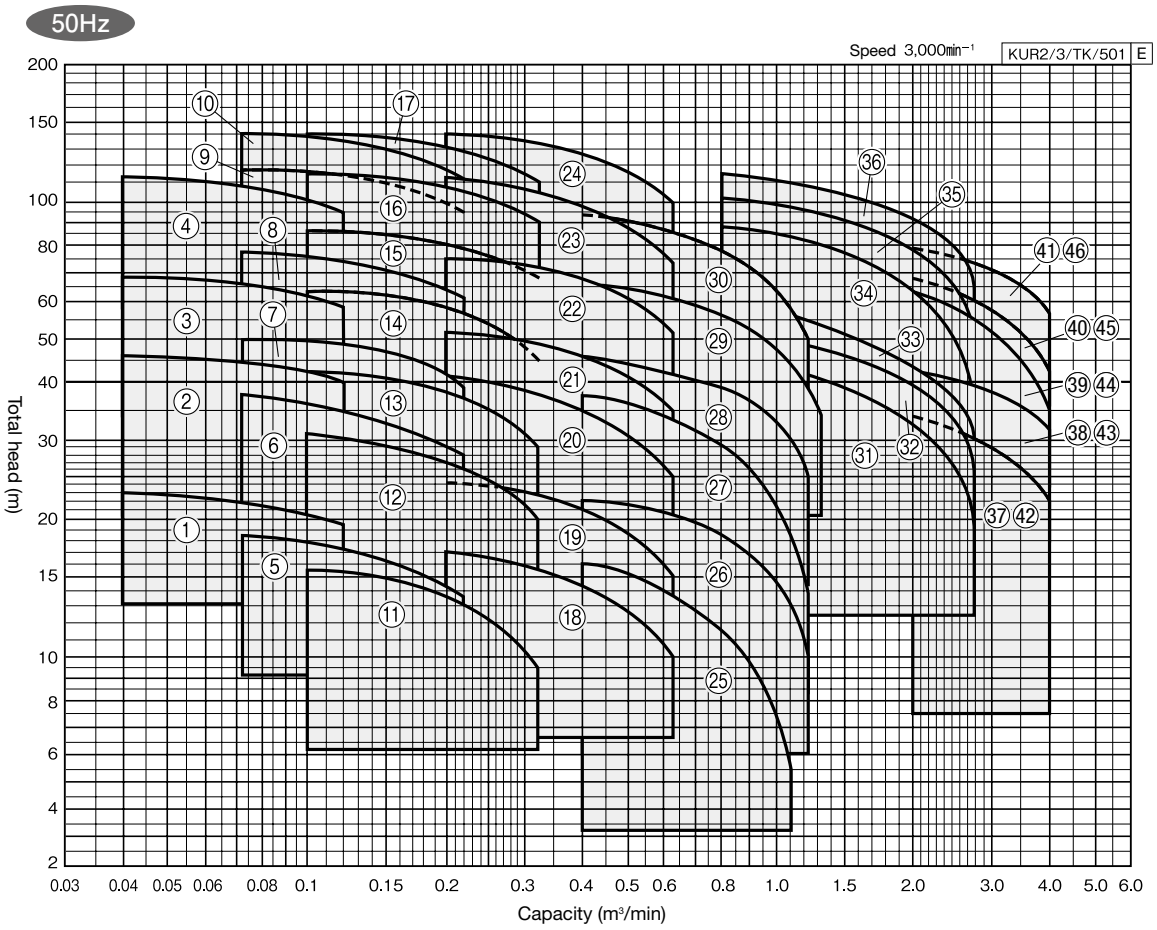
- Liquid [KUR$^{2}_{3}$] Clean water 0~30°C (however there should be no freezing) (0.75kW~3.7kW: 0~35°C)
  [KURH$^{2}_{3}$] Hot water 0~60°C (however there should be no freezing)
- Materials Impeller : SCS13 (Bronze in case bore 80mm or more)
  Casing : SCS13 (Suction casing SUS304)
  Valve disk: Bronze+Rubber
- Motor Canned type submersible motor Three phase

Standard accessories

Submersible cable, 10m, Cable band, Companion flange 1 set (except bore 80mm or more)

Selection chart

KUR$^{2}_{3}$



Specification table

50Hz

KUR2/3/HSI/510 E

Bored	Ref	Model	Motor	No. of stage	Standard specifications			
					Capacity	Total head	Capacity	Total head
mm			kW		m³/min	m	m³/min	m
32	1	KUR2-325-0.75K	0.75	1	0.04	23	0.12	19.5
	2	KUR2-325-1.5K	1.5	2	0.04	46	0.12	40
	3	KUR3-325-2.2	2.2	3	0.04	69	0.12	59
	4	KUR3-325-3.7	3.7	5	0.04	113	0.12	95
40	5	KUR2-405-0.75K	0.75	1	0.071	18.5	0.22	13.5
	6	KUR2-405-1.5K	1.5	2	0.071	37	0.22	28
	7	KUR3-405-2.2	2.2	2	0.071	50	0.22	39
	8	KUR3-405-3.7	3.7	3	0.071	78	0.22	61
	9	KUR2-405-5.5	5.5	4	0.071	117	0.22	95
	10	KUR2-405-7.5	7.5	5	0.071	140	0.22	112
50	11	KUR2-505-0.75K	0.75	1	0.1	15.5	0.32	9.5
	12	KUR2-505-1.5K	1.5	2	0.1	31	0.32	20
	13	KUR3-505-2.2	2.2	2	0.1	42	0.32	29
	14	KUR3-505-3.7	3.7	3	0.1	64	0.32	45
	15	KUR2-505-5.5	5.5	3	0.1	86	0.32	68
	16	KUR2-505-7.5	7.5	4	0.1	115	0.32	90
	17	KUR2-505-11	11	5	0.1	140	0.32	112
65	18	KUR2-655-1.5K	1.5	1	0.2	17	0.63	10
	19	KUR3-655-2.2	2.2	1	0.2	24	0.63	15
	20	KUR3-655-3.7	3.7	2	0.2	41	0.63	25
	21	KUR2-655-5.5	5.5	2	0.2	52	0.63	35
	22	KUR2-655-7.5	7.5	3	0.2	75	0.63	52
	23	KUR2-655-11	11	5	0.2	112	0.63	74
	24	KUR2-655-15	15	6	0.2	140	0.63	100

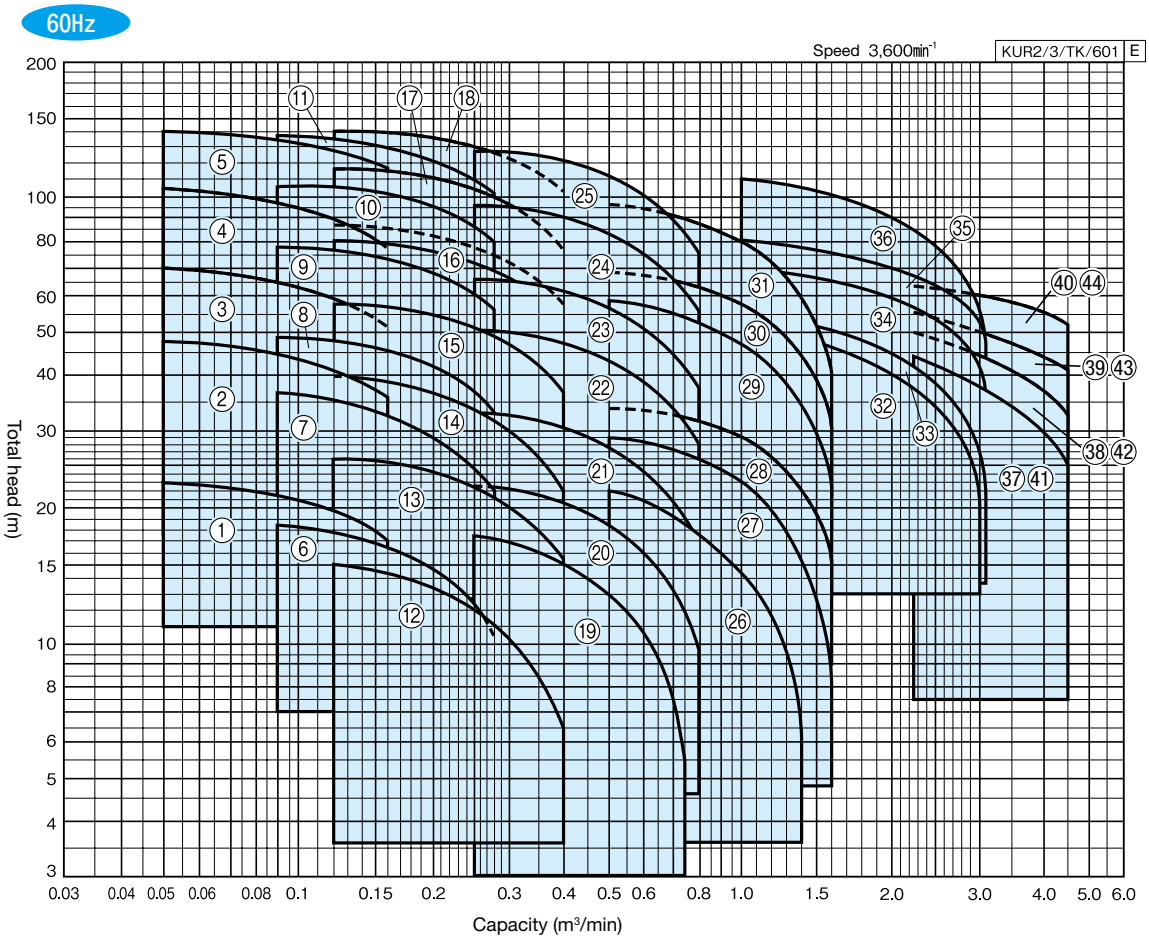
50Hz

KUR2/3/HSI/520 E

Bored	Ref	Model	Motor	No. of stage	Standard specifications			
					Capacity	Total head	Capacity	Total head
mm			kW		m³/min	m	m³/min	m
80	25	KUR3-805-2.2	2.2	1	0.4	16	1.12	5.5
	26	KUR3-805-3.7	3.7	1	0.4	22	1.25	10
	27	KUR2-805-5.5	5.5	2	0.4	37	1.25	14
	28	KUR2-805-7.5	7.5	2	0.4	46	1.25	24
	29	KUR2-805-11	11	3	0.4	69	1.25	36
	30	KUR2-805-15	15	4	0.4	94	1.25	50
100	31	KUR2-1005-15	15	1	0.8	46	2.8	19
	32	KUR2-1005-18C	18.5	1	0.8	52	2.8	25
	33	KUR2-1005-22	22	1	0.8	58	2.8	30
	34	KUR2-1005-30	30	2	0.8	88	2.8	34
	35	KUR2-1005-37	37	2	0.8	102	2.8	48
	36	KUR2-1005-45	45	2	0.8	115	2.8	64
125	37	KUR2-1255-22	22	1	2.0	34	4.0	22
	38	KUR2-1255-30	30	1	2.0	42	4.0	32
	39	KUR2-1255-37	37	2	2.0	64	4.0	34
	40	KUR2-1255-45	45	2	2.0	68	4.0	42
	41	KUR2-1255-55	55	2	2.0	79	4.0	57
150	42	KUR2-1505-22	22	1	2.0	34	4.0	22
	43	KUR2-1505-30	30	1	2.0	42	4.0	32
	44	KUR2-1505-37	37	2	2.0	64	4.0	34
	45	KUR2-1505-45	45	2	2.0	68	4.0	42
	46	KUR2-1505-55	55	2	2.0	79	4.0	57

KUR$^{2}_{3}$·KURH$^{2}_{3}$ Type

Selection chart



Specification table

60Hz

KUR2/3/HSI/610 E

Bore d	Ref	Model	Motor	No. of stage	Standard specifications			
					Capacity	Total head	Capacity	Total head
mm			kW		m³/min	m	m³/min	m
32	1	KUR2-326-0.75K	0.75	1	0.05	23	0.16	17
	2	KUR2-326-1.5K	1.5	2	0.05	48	0.16	36
	3	KUR3-326-2.2	2.2	3	0.05	70	0.16	51
	4	KUR3-326-3.7	3.7	4	0.05	105	0.16	78
	5	KUR2-326-5.5	5.5	4	0.05	140	0.16	117
40	6	KUR2-406-0.75K	0.75	1	0.09	18.5	0.28	10.5
	7	KUR2-406-1.5K	1.5	2	0.09	37	0.28	22
	8	KUR3-406-2.2	2.2	2	0.09	49	0.28	33
	9	KUR3-406-3.7	3.7	3	0.09	79	0.28	56
	10	KUR2-406-5.5	5.5	3	0.09	106	0.28	80
	11	KUR2-406-7.5	7.5	4	0.09	138	0.28	102
50	12	KUR2-506-0.75K	0.75	1	0.12	15	0.37	6.5
	13	KUR2-506-1.5K	1.5	1	0.12	26	0.4	15.5
	14	KUR3-506-2.2	2.2	2	0.12	40	0.4	22
	15	KUR3-506-3.7	3.7	2	0.12	58	0.4	37
	16	KUR2-506-5.5	5.5	3	0.12	87	0.4	58
	17	KUR2-506-7.5	7.5	4	0.12	117	0.4	77
	18	KUR2-506-11	11	4	0.12	140	0.4	102
65	19	KUR2-656-1.5K	1.5	1	0.25	17.5	0.75	5.5
	20	KUR3-656-2.2	2.2	1	0.25	22.5	0.8	9.5
	21	KUR3-656-3.7	3.7	1	0.25	33	0.8	17
	22	KUR2-656-5.5	5.5	2	0.25	51	0.8	28
	23	KUR2-656-7.5	7.5	2	0.25	66	0.8	38
	24	KUR2-656-11	11	3	0.25	96	0.8	56
	25	KUR2-656-15	15	4	0.25	128	0.8	76

60Hz

KUR2/3/HSI/620 E

Bore d	Ref	Model	Motor	No. of stage	Standard specifications			
					Capacity	Total head	Capacity	Total head
mm			kW		m³/min	m	m³/min	m
80	26	KUR3-806-3.7	3.7	1	0.5	22	1.4	6
	27	KUR2-806-5.5	5.5	1	0.5	29	1.6	8
	28	KUR2-806-7.5	7.5	1	0.5	34	1.6	15
	29	KUR2-806-11	11	2	0.5	59	1.6	22
	30	KUR2-806-15	15	2	0.5	68	1.6	30
	31	KUR2-806-18C	18.5	3	0.5	97	1.6	40
100	32	KUR2-1006-18C	18.5	1	1.0	52	3.0	20
	33	KUR2-1006-22	22	1	1.0	57	3.15	22
	34	KUR2-1006-30	30	1	1.0	70	3.15	37
	35	KUR2-1006-37	37	1	1.0	81	3.15	47
	36	KUR2-1006-45	45	2	1.0	111	3.15	45
125	37	KUR2-1256-30	30	1	2.24	44	4.5	25
	38	KUR2-1256-37	37	1	2.24	50	4.5	33
	39	KUR2-1256-45	45	1	2.24	56	4.5	42
	40	KUR2-1256-55	55	1	2.24	64	4.5	52
150	41	KUR2-1506-30	30	1	2.24	44	4.5	25
	42	KUR2-1506-37	37	1	2.24	50	4.5	33
	43	KUR2-1506-45	45	1	2.24	56	4.5	42
	44	KUR2-1506-55	55	1	2.24	64	4.5	52

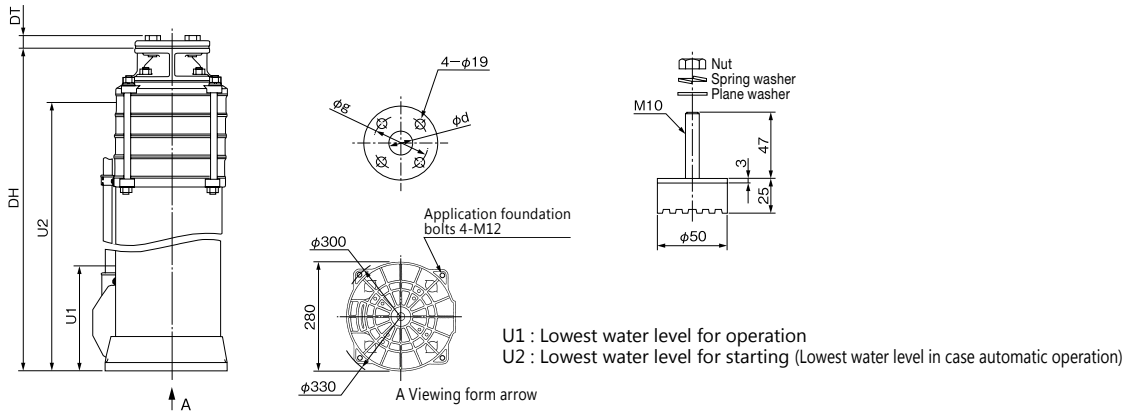
Outline dimension table

Inquire specification sheets and drawings in case of actual work planing

- The drawing shows example of bore 65mm or less

companion flange for bore 80mm or more is optional accessory

- Cushion (Optional accessory)



U1 : Lowest water level for operation
U2 : Lowest water level for starting (Lowest water level in case automatic operation)

A Viewing form arrow

50Hz

Unit : mm

Bore d	Model	Motor kW	No. of stage	Dimensions DH	U1	U2	d	g	DT	Mass (*) kg
32	KUR2-325-0.75K	0.75	1	530	200	419	Rc1 1/4	100	25	32
	KUR2-325-1.5K	1.5	2	617	200	506		100	25	39
	KUR3-325-2.2	2.2	3	699	200	588		100	25	46
	KUR3-325-3.7	3.7	5	981	200	870		100	25	67
40	KUR2-405-0.75K	0.75	1	530	200	419	Rc1 1/2	105	25	32
	KUR2-405-1.5K	1.5	2	617	200	506		105	25	39
	KUR3-405-2.2	2.2	2	659	200	548		105	25	41
	KUR3-405-3.7	3.7	3	901	200	790		105	25	56
	KUR2-405-5.5	5.5	4	921	200	810		105	25	75
	KUR2-405-7.5	7.5	5	1021	200	910		105	25	85
50	KUR2-505-0.75K	0.75	1	530	200	419	Rc2	120	27	32
	KUR2-505-1.5K	1.5	2	617	200	506		120	27	39
	KUR3-505-2.2	2.2	2	659	200	548		120	27	41
	KUR3-505-3.7	3.7	3	901	200	790		120	27	56
	KUR2-505-5.5	5.5	3	881	200	770		120	27	71
	KUR2-505-7.5	7.5	4	981	200	870		120	27	81
	KUR2-505-11	11	5	1151	200	1040		120	27	101
65	KUR2-655-1.5K	1.5	1	597	200	486	Rc2 1/2	140	31	35
	KUR3-655-2.2	2.2	1	639	200	528		140	31	38
	KUR3-655-3.7	3.7	2	891	200	780		140	31	52
	KUR2-655-5.5	5.5	2	871	200	760		140	31	67
	KUR2-655-7.5	7.5	3	981	200	870		140	31	78
	KUR2-655-11	11	5	1211	200	1100		140	31	102
	KUR2-655-15	15	6	1346	200	1235		140	31	115

Note) weight does not include cable

KUR2/3/Hd/510 E

KUR$^{2}_{3}$·KURH$^{2}_{3}$ Type

60Hz

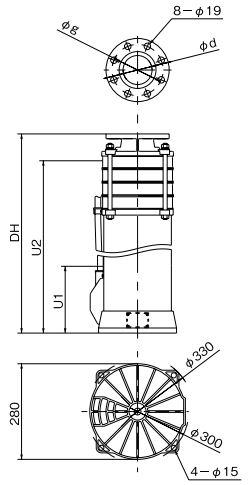
Unit : mm

Bore d	Model	Motor kW	No. of stage	Dimensions DH	U1	U2	d	g	DT	Mass (*) kg
32	KUR2-326-0.75K	0.75	1	530	200	419	Rc1 1/4	100	25	32
	KUR2-326-1.5K	1.5	2	617	200	506		100	25	39
	KUR3-326-2.2	2.2	3	699	200	588		100	25	46
	KUR3-326-3.7	3.7	4	941	200	830		100	25	61
	KUR2-326-5.5	5.5	4	921	200	810		100	25	75
40	KUR2-406-0.75K	0.75	1	530	200	419	Rc1 1/2	105	25	32
	KUR2-406-1.5K	1.5	2	617	200	506		105	25	39
	KUR3-406-2.2	2.2	2	659	200	548		105	25	41
	KUR3-406-3.7	3.7	3	901	200	790		105	25	56
	KUR2-406-5.5	5.5	3	881	200	770		105	25	70
	KUR2-406-7.5	7.5	4	981	200	870		105	25	81
50	KUR2-506-0.75K	0.75	1	530	200	419	Rc2	120	27	32
	KUR2-506-1.5K	1.5	1	577	200	466		120	27	35
	KUR3-506-2.2	2.2	2	659	200	548		120	27	41
	KUR3-506-3.7	3.7	2	861	200	750		120	27	52
	KUR2-506-5.5	5.5	3	881	200	770		120	27	70
	KUR2-506-7.5	7.5	4	981	200	870		120	27	81
	KUR2-506-11	11	4	1111	200	1000		120	27	97
65	KUR2-656-1.5K	1.5	1	597	200	486	Rc2 1/2	140	31	35
	KUR3-656-2.2	2.2	1	639	200	528		140	31	38
	KUR3-656-3.7	3.7	1	841	200	730		140	31	48
	KUR2-656-5.5	5.5	2	871	200	760		140	31	67
	KUR2-656-7.5	7.5	2	931	200	820		140	31	74
	KUR2-656-11	11	3	1111	200	1000		140	31	94
	KUR2-656-15	15	4	1246	200	1135		140	31	108

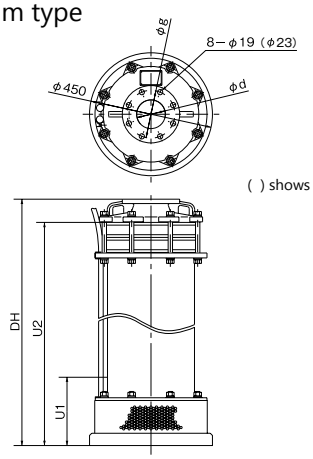
Note) weight does not include cable

KUR2/3/Hd/610 E

• Bore: 80mm type



• Bore: 100mm type



( ) shows in case bore size 125 mm or more

U1 : Lowest water level for operation
U2 : Lowest water level for starting (Lowest water level in case automatic operation)

50Hz

Unit : mm

Bore d	Model	Motor kW	No. of stage	Dimensions DH	U1	U2	d	g	Mass (*) kg
80	KUR3-805-2.2	2.2	1	624	200	529	80	150	36
	KUR3-805-3.7	3.7	1	826	200	731	80	150	46
	KUR2-805-5.5	5.5	2	871	200	776	80	150	65
	KUR2-805-7.5	7.5	2	931	200	836	80	150	72
	KUR2-805-11	11	3	1126	200	1031	80	150	92
	KUR2-805-15	15	4	1276	200	1181	80	150	106
100	KUR2-1005-15	15	1	1102	250	1017	100	175	170
	KUR2-1005-18C	18.5	1	1174	250	1089	100	175	178
	KUR2-1005-22	22	1	1061	250	976	100	175	201
	KUR2-1005-30	30	2	1371	250	1286	100	175	257
	KUR2-1005-37	37	2	1436	250	1351	100	175	274
	KUR2-1005-45	45	2	1501	250	1416	100	175	285
125	KUR2-1255-22	22	1	1215	250	1085	125	210	245
	KUR2-1255-30	30	1	1446	250	1316	125	210	270
	KUR2-1255-37	37	2	1616	250	1486	125	210	305
	KUR2-1255-45	45	2	1681	250	1551	125	210	315
	KUR2-1255-55	55	2	1771	250	1641	125	210	330
150	KUR2-1505-22	22	1	1215	250	1086	150	240	245
	KUR2-1505-30	30	1	1446	250	1316	150	240	270
	KUR2-1505-37	37	2	1616	250	1486	150	240	305
	KUR2-1505-45	45	2	1681	250	1551	150	240	315
	KUR2-1505-55	55	2	1771	250	1641	150	240	330

Note) weight does not include cable

KUR2/3/Hd/520 E

60Hz

Unit : mm

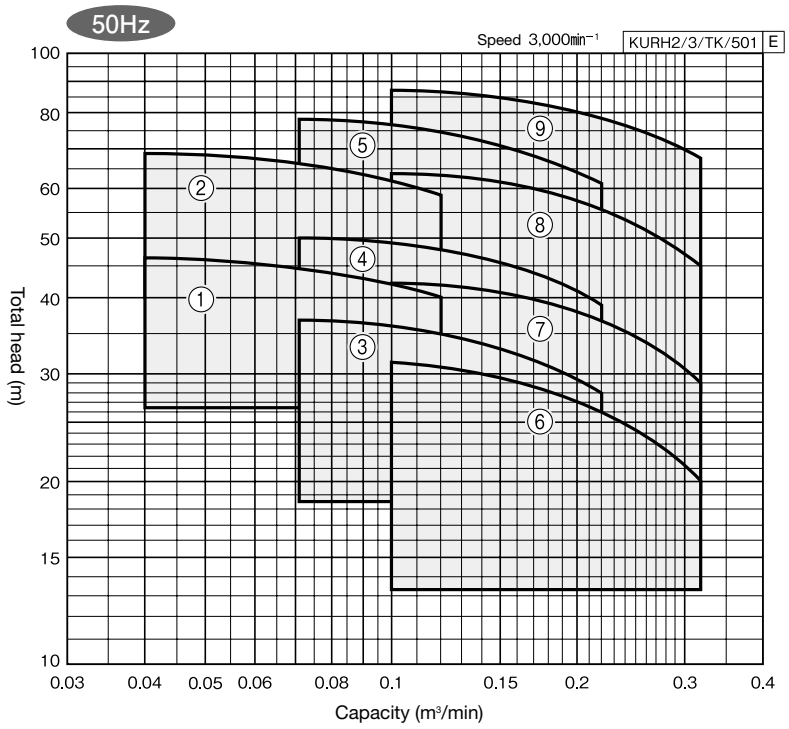
Bore d	Model	Motor kW	No. of stage	Dimensions DH	U1	U2	d	g	Mass (*) kg
80	KUR3-806-3.7	3.7	1	826	200	731	80	150	46
	KUR2-806-5.5	5.5	1	806	200	711	80	150	59
	KUR2-806-7.5	7.5	1	866	200	771	80	150	66
	KUR2-806-11	11	2	1061	200	966	80	150	86
	KUR2-806-15	15	2	1146	200	1051	80	150	94
	KUR2-806-18C	18.5	3	1238	200	1188	80	150	107
100	KUR2-1006-18C	18.5	1	1174	250	1089	100	175	178
	KUR2-1006-22	22	1	1061	250	976	100	175	201
	KUR2-1006-30	30	1	1291	250	1206	100	175	236
	KUR2-1006-37	37	1	1356	250	1271	100	175	252
	KUR2-1006-45	45	2	1501	250	1416	100	175	285
125	KUR2-1256-30	30	1	1446	250	1316	125	210	270
	KUR2-1256-37	37	1	1511	250	1381	125	210	285
	KUR2-1256-45	45	1	1576	250	1446	125	210	295
	KUR2-1256-55	55	1	1666	250	1536	125	210	310
150	KUR2-1506-30	30	1	1446	250	1316	150	240	270
	KUR2-1506-37	37	1	1511	250	1381	150	240	285
	KUR2-1506-45	45	1	1576	250	1446	150	240	295
	KUR2-1506-55	55	1	1666	250	1536	150	240	310

Note) weight does not include cable

KUR2/3/Hd/620 E

Selection chart

KURH$^{2}_{3}$



Specification table

50Hz

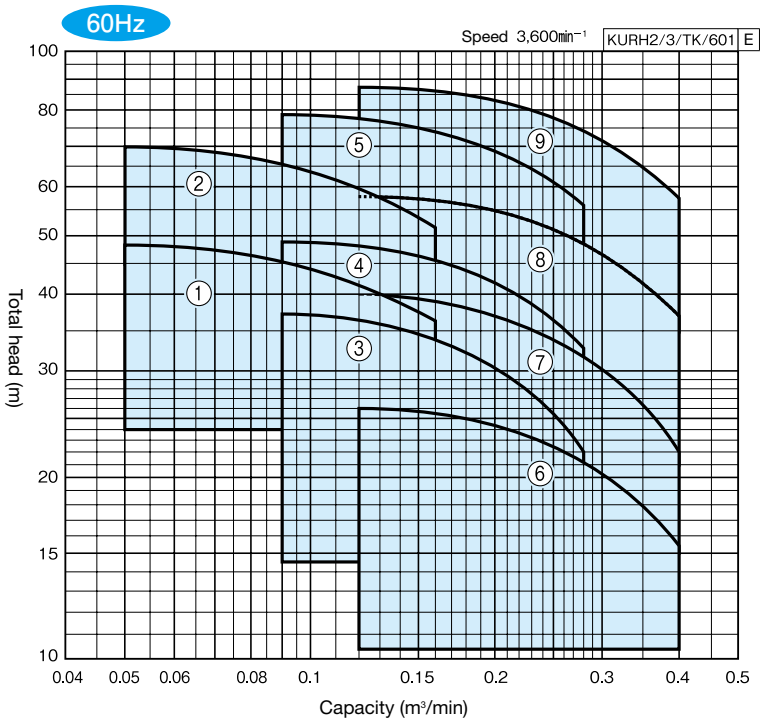
KURH2/3/SI/501 E

Bore d	Ref	Model	Motor	No. of stage	Standard specifications Capacity	Total head	Capacity	Total head
mm			kW		m³/min	m	m³/min	m
32	1	KURH3-325-1.9	1.9	2	0.04	46	0.12	40
	2	KURH3-325-2.7	2.7	3	0.04	69	0.12	59
40	3	KURH3-405-1.9	1.9	2	0.071	37	0.22	28
	4	KURH3-405-2.7	2.7	2	0.071	50	0.22	39
	5	KURH2-405-5.5	5.5	3	0.071	78	0.22	61
50	6	KURH3-505-1.9	1.9	2	0.1	31	0.32	20
	7	KURH3-505-2.7	2.7	2	0.1	42	0.32	29
	8	KURH2-505-5.5	5.5	3	0.1	64	0.32	45
	9	KURH2-505-7.5	7.5	3	0.1	86	0.32	68

KUR$^{2}_{3}$·KURH$^{2}_{3}$ Type

Selection chart

KURH$^{2}_{3}$



Specification table

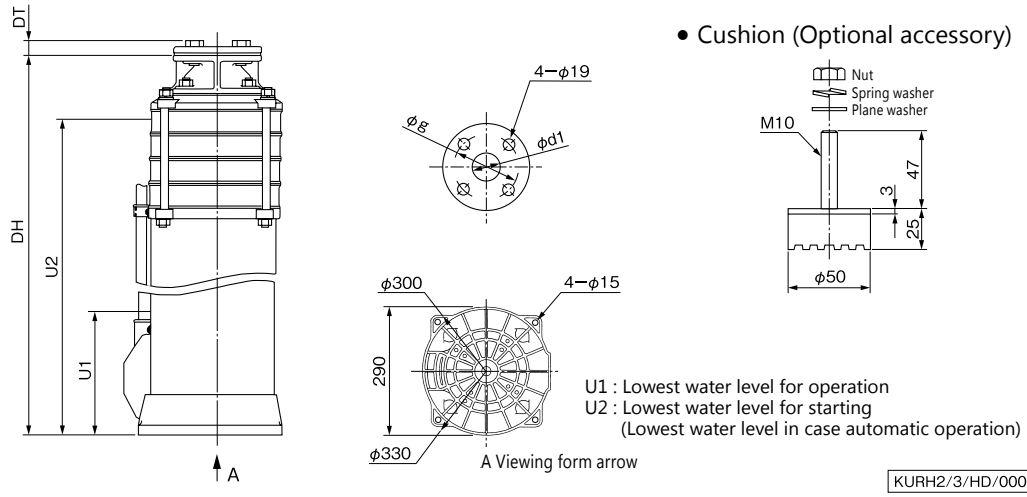
60Hz

KURH2/3/SI/601 E

Bore d	Ref	Model	Motor	No. of stage	Standard specifications			
					Capacity	Total head	Capacity	Total head
mm			kW		m³/min	m	m³/min	m
32	1	KURH3-326-1.9	1.9	2	0.05	48	0.16	36
	2	KURH3-326-2.7	2.7	3	0.05	70	0.16	51
40	3	KURH3-406-1.9	1.9	2	0.09	37	0.28	22
	4	KURH3-406-2.7	2.7	2	0.09	49	0.28	33
	5	KURH2-406-5.5	5.5	3	0.09	79	0.28	56
50	6	KURH3-506-1.9	1.9	1	0.12	26	0.4	15.5
	7	KURH3-506-2.7	2.7	2	0.12	40	0.4	22
	8	KURH2-506-5.5	5.5	2	0.12	58	0.4	37
	9	KURH2-506-7.5	7.5	3	0.12	87	0.4	58

Outline dimension table

Inquire specification sheets and drawings in case of actual work planing



KURH2/3/HD/000 E

50Hz

Unit : mm

Bore	Model	Motor	No. of stage	Dimensions						Mass (*)
d		kW		DH	U1	U2	d	g	DT	kg
32	KURH3-325-1.9	1.9	2	660	200	549	Rc1 1/4	100	25	39
	KURH3-325-2.7	2.7	3	901	200	789		100	25	56
40	KURH3-405-1.9	1.9	2	660	200	549	Rc1 1/2	105	25	39
	KURH3-405-2.7	2.7	2	861	200	749		105	25	51
	KURH2-405-5.5	5.5	3	882	200	771		105	25	71
50	KURH3-505-1.9	1.9	2	660	200	549	Rc2	120	27	39
	KURH3-505-2.7	2.7	2	861	200	749		120	27	51
	KURH2-505-5.5	5.5	3	882	200	771		120	27	71
	KURH2-505-7.5	7.5	3	942	200	830		120	27	77

Note) weight does not include cable

KURH2/3/Hd/500 E

60Hz

Unit : mm

Bore	Model	Motor	No. of stage	Dimensions						Mass (*)
d		kW		DH	U1	U2	d	g	DT	kg
32	KURH3-326-1.9	1.9	2	660	200	549	Rc1 1/4	100	25	39
	KURH3-326-2.7	2.7	3	901	200	789		100	25	56
40	KURH3-406-1.9	1.9	2	660	200	549	Rc1 1/2	105	25	39
	KURH3-406-2.7	2.7	2	861	200	749		105	25	51
	KURH2-406-5.5	5.5	3	882	200	771		105	25	71
50	KURH3-506-1.9	1.9	1	620	200	509	Rc2	120	27	35
	KURH3-506-2.7	2.7	2	861	200	749		120	27	51
	KURH2-506-5.5	5.5	2	842	200	731		120	27	67
	KURH2-506-7.5	7.5	3	942	200	830		120	27	77

Note) weight does not include cable

KURH2/3/Hd/600 E

KUR3-Y Type Stainless steel submersible turbine pump

Exclusive horizontal installation

Please consult in case of operation together with pressure tank

Please inquire about 400V type

Application

Features

- Clean water supply with stainless precision casting, bronze and rubber materials.
- Built in impact relief type check valve to protect the pump from water hammer thus long life is enjoyed
- Computer analysis water flow in the impeller and the guide vane reduced friction loss and realized high performance
- The pump casing and flanges are made from precision cast stainless steel to withstand heavy load and free from strain
- The pump generates less sound and vibration with an installation in the water.

* Check valve for ground unit is necessary separately

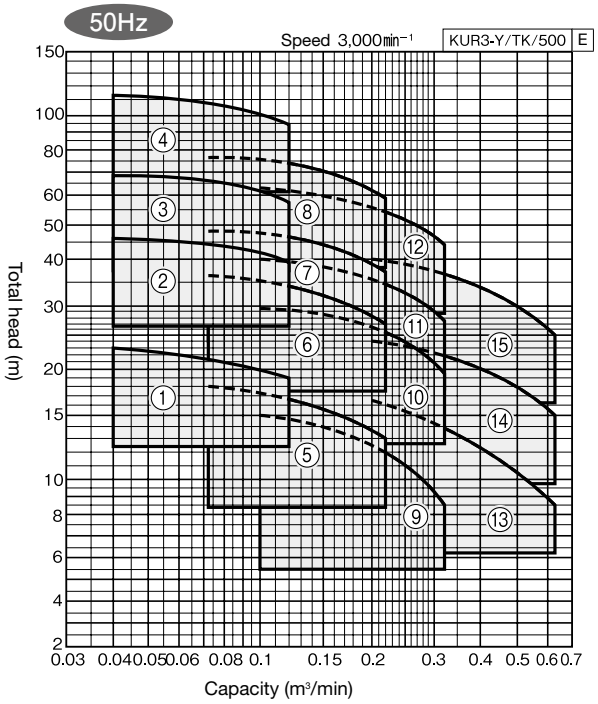
Standard specifications

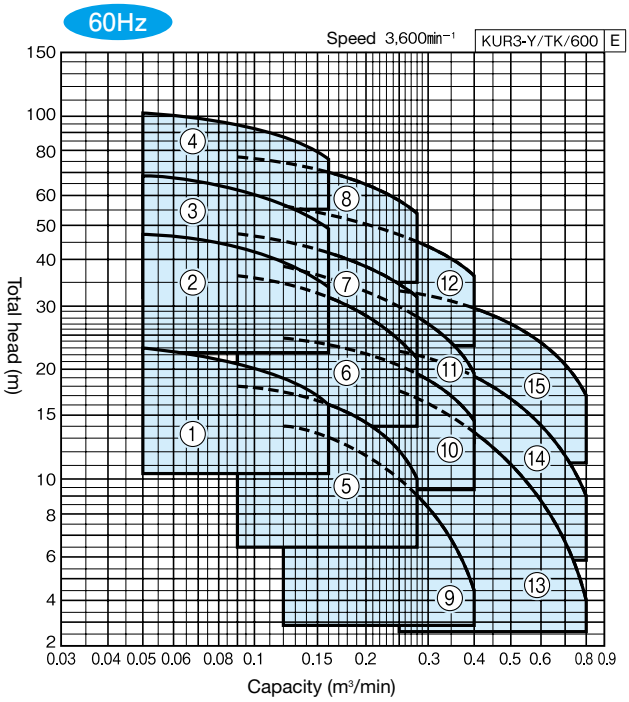
- Liquid: Clean water 0~35˚C (however there should be no freezing)
- Materials: Impeller : SCS13
  Casing : SCS13
  (Suction casing SUS304)
  Valve disk : Bronze+Rubber
- Motor: Canned type submersible motor, Three phase

Standard accessories

Submersible cable 10m
Cable band
Companion flanges 1 set
Support for horizontal installation

Selection chart





Specification table

50Hz

KUR3-Y/SI/501 E

Bore d mm	Ref	Model	Motor kW	No. of stage	Standard specifications Total head m³/min	Capacity m	Total head m³/min	Capacity m
32	1	KUR3-325-Y0.75	0.75	1	0.04	23	0.12	19
	2	KUR3-325-Y1.5	1.5	2	0.04	46	0.12	39.5
	3	KUR3-325-Y2.2	2.2	3	0.04	69	0.12	57.5
	4	KUR3-325-Y3.7	3.7	5	0.04	113	0.12	94.5
40	5	KUR3-405-Y0.75	0.75	1	0.071	18	0.22	13
	6	KUR3-405-Y1.5	1.5	2	0.071	36	0.22	27
	7	KUR3-405-Y2.2	2.2	2	0.071	48	0.22	37
	8	KUR3-405-Y3.7	3.7	3	0.071	76	0.22	59
50	9	KUR3-505-Y0.75	0.75	1	0.1	15	0.32	8.5
	10	KUR3-505-Y1.5	1.5	2	0.1	29.5	0.32	19.5
	11	KUR3-505-Y2.2	2.2	2	0.1	40	0.32	27.5
	12	KUR3-505-Y3.7	3.7	3	0.1	63	0.32	44.5
65	13	KUR3-655-Y1.5	1.5	1	0.2	16.5	0.63	8.5
	14	KUR3-655-Y2.2	2.2	1	0.2	24	0.63	15
	15	KUR3-655-Y3.7	3.7	2	0.2	40	0.63	25

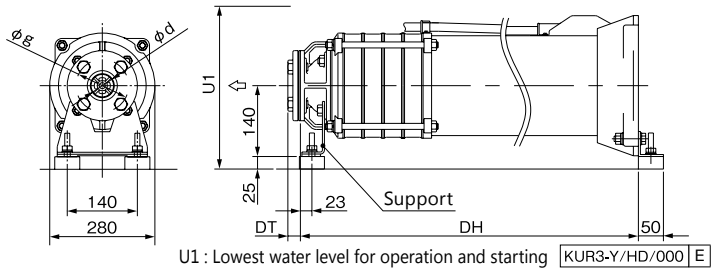
60Hz

KUR3-Y/SI/601 E

Bore	Ref	Model	Motor	No. of stage	Standard specifications			
					Total head	Capacity	Total head	Capacity
mm			kW		m³/min	m	m³/min	m
32	1	KUR3-326-Y0.75	0.75	1	0.05	23	0.16	16
	2	KUR3-326-Y1.5	1.5	2	0.05	47	0.16	34
	3	KUR3-326-Y2.2	2.2	3	0.05	69	0.16	49
	4	KUR3-326-Y3.7	3.7	4	0.05	102	0.16	76
40	5	KUR3-406-Y0.75	0.75	1	0.09	18	0.28	10
	6	KUR3-406-Y1.5	1.5	2	0.09	36	0.28	21.5
	7	KUR3-406-Y2.2	2.2	2	0.09	47.5	0.28	32
	8	KUR3-406-Y3.7	3.7	3	0.09	77	0.28	54
50	9	KUR3-506-Y0.75	0.75	1	0.12	14	0.4	4.5
	10	KUR3-506-Y1.5	1.5	1	0.12	24.5	0.4	14.5
	11	KUR3-506-Y2.2	2.2	2	0.12	38.5	0.4	19.5
	12	KUR3-506-Y3.7	3.7	2	0.12	56.5	0.4	36.5
65	13	KUR3-656-Y1.5	1.5	1	0.25	17.5	0.8	4
	14	KUR3-656-Y2.2	2.2	1	0.25	22.5	0.8	9
	15	KUR3-656-Y3.7	3.7	1	0.25	33	0.8	17

Outline dimension table

Inquire specification sheets and drawings in case of actual work planing



U1 : Lowest water level for operation and starting KUR3-Y/HD/000 E

50Hz

Unit : mm

Bore	Model	Motor	No. of stage	Dimensions					Mass (*)
d		kW		DH	U1	d	g	DT	kg
32	KUR3-325-Y0.75	0.75	1	528	325	Rc1 1/4	100	30	32
	KUR3-325-Y1.5	1.5	2	615	325	Rc1 1/4	100	30	39
	KUR3-325-Y2.2	2.2	3	709	325	Rc1 1/4	100	30	46
	KUR3-325-Y3.7	3.7	5	991	325	Rc1 1/4	100	30	66
40	KUR3-405-Y0.75	0.75	1	528	325	Rc1 1/2	105	30	32
	KUR3-405-Y1.5	1.5	2	615	325	Rc1 1/2	105	30	39
	KUR3-405-Y2.2	2.2	2	669	325	Rc1 1/2	105	30	41
	KUR3-405-Y3.7	3.7	3	911	325	Rc1 1/2	105	30	55
50	KUR3-505-Y0.75	0.75	1	528	325	Rc2	120	32	32
	KUR3-505-Y1.5	1.5	2	615	325	Rc2	120	32	39
	KUR3-505-Y2.2	2.2	2	669	325	Rc2	120	32	41
	KUR3-505-Y3.7	3.7	3	911	325	Rc2	120	32	55
65	KUR3-655-Y1.5	1.5	1	595	325	Rc2 1/2	140	36	35
	KUR3-655-Y2.2	2.2	1	649	325	Rc2 1/2	140	36	38
	KUR3-655-Y3.7	3.7	2	901	325	Rc2 1/2	140	36	51

* The support is standard accessory. Equip it with the pump when installation
Note) weight does not include cable

KUR3-Y/Hd/500 E

60Hz

Unit : mm

Bore	Model	Motor	No. of stage	Dimensions					Mass (*)
d		kW		DH	U1	d	g	DT	kg
32	KUR3-326-Y0.75	0.75	1	528	325	Rc1 1/4	100	30	32
	KUR3-326-Y1.5	1.5	2	615	325	Rc1 1/4	100	30	39
	KUR3-326-Y2.2	2.2	3	709	325	Rc1 1/4	100	30	46
	KUR3-326-Y3.7	3.7	4	951	325	Rc1 1/4	100	30	60
40	KUR3-406-Y0.75	0.75	1	528	325	Rc1 1/2	105	30	32
	KUR3-406-Y1.5	1.5	2	615	325	Rc1 1/2	105	30	39
	KUR3-406-Y2.2	2.2	2	669	325	Rc1 1/2	105	30	41
	KUR3-406-Y3.7	3.7	3	911	325	Rc1 1/2	105	30	55
50	KUR3-506-Y0.75	0.75	1	528	325	Rc2	120	32	32
	KUR3-506-Y1.5	1.5	1	575	325	Rc2	120	32	35
	KUR3-506-Y2.2	2.2	2	669	325	Rc2	120	32	41
	KUR3-506-Y3.7	3.7	2	871	325	Rc2	120	32	51
65	KUR3-656-Y1.5	1.5	1	595	325	Rc2 1/2	140	36	35
	KUR3-656-Y2.2	2.2	1	649	325	Rc2 1/2	140	36	38
	KUR3-656-Y3.7	3.7	1	851	325	Rc2 1/2	140	36	47

* The support is standard accessory. Equip it with the pump when installation
Note) weight does not include cable

KUR3-Y/Hd/600 E

Comfort Earth®

To reduce the environmental burden and protect the environment, we at KAWAMOTO PUMP will keep on carrying out activities as a united force under our slogan "Comfort Earth", as a company involved with the valuable resource that is "water".

⚠ Important safety precautions

Always read this manual thoroughly and fully comprehend the contents before starting use.
Precautions for using this product safely and for preventing personal injuries or physical damage are given in this manual.

- Matters falling under the following may not be covered by the warranty: uses which go beyond the specified scope of application, failure to comply with precautions, improper repairs and alterations, matters arising from natural disasters, matters arising from the installation environment (power source, foreign objects, sand etc.), non-compliance with laws and regulations or standards pertaining thereto, persons who suffer accidental or intentional damage or injury, replacement of consumable parts, defects due to resale, etc.
- Always use this pump within the specified product specifications. Failure to do so could result in electric shock, fire, water leakage, etc.
- Apply repair coating at an institute which supports your operating environment. Depending on the operating environment, rust may form on screw parts, processed parts with anti-rust coating, anti-rust coated parts etc. due to high humidity, condensation, getting wet etc., which may lead to unexpected damage.
- Close attention is needed in the case of circulation uses where rusting and corrosion/elution of metals are not permissible. Take into account both the pump and the rest of the equipment when considering and selecting. Unexpected damage may arise from condensation of circulating water.
- Select a product which is appropriate for your application. Inappropriate use of products may cause accidents.
- When using this pump for living things (fishery, fish tank, aquarium, etc.) or important equipment, always prepare a spare unit. If the pump fails, an oxygen deficiency or degradation of water quality, etc., could occur and affect the creature's life.
- If used to transport food-related items, give due consideration to the materials used. Contamination by foreign objects may occur.
- Avoid using this product with living things that are susceptible to copper alloys. The life of the creature could be affected.
- Do not connect the pump directly to water main pipes. Depending on the country It may be prohibited under the Water Supply Act. Also, water backflow may contaminate tap water.
- Carry out installation in accordance with applicable legal requirements (electrical equipment guideline, interior wiring regulations, building codes, etc.) Failure to observe this may not only violate legal requirements, but could also result in fire or electric shock, or injury caused by falls or topples.
- Observe the service life of the pump, install it in a well ventilated place free from corrosive or explosive gases, salt, moisture, water vapor, condensation etc., and avoid exposing it to wind, rain and direct sunlight. In a harsh environment, electric leakage, electric shock or fire may result from deterioration of insulation in the motor or control panel, etc.
- Do not install in places with no drainage or places which have not been waterproofed. Water leaks may cause serious damage. * We bear no responsibility for any damage arising from lack of drainage or waterproofing.
- Depending on the equipment, attach a filter etc. appropriate for your application on the discharge side before use, perform thorough flushing and check that there is no contamination. Cutting oil, rubber mold releasing agent, foreign objects etc. from the manufacturing line and cutting oil, foreign objects etc. from the pipeline may contaminate the liquid which is to be handled.
- Do not operate pumps with a specification of 50 Hz at 60 Hz. Damage may arise as a result of excess pressure or burnout of the motor etc. due to overload. Do not operate pumps with a specification of 60Hz at 50Hz. Pump performance may be reduced.
- Do not put the flammable items on the pump surroundings or inside the pump cover or control panel, or cover the pump, cable or control panel with the flammable items. Failure to observe this could overheat and result in burning.
- The Pump should never be disassembled, repaired, or modified, or the power cable should never be replaced by anyone other than a qualified repair technician. Improper repairs could result in electric shocks, fires, faults or break
- It is recommended that both periodic and daily inspections be performed in order to ensure that the pump will operate reliably for as long as possible. Failure to perform inspections may lead to pump failure, accidents etc. For periodic inspections, please consult your distributer or our nearest sales offices .

Distributer

Kawamoto Pump MFG. CO., LTD.

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Name	Turbine Series
No.	5309 Y Ⓔ