

Multi-stage centrifugal
Turbine pump series

Vertical

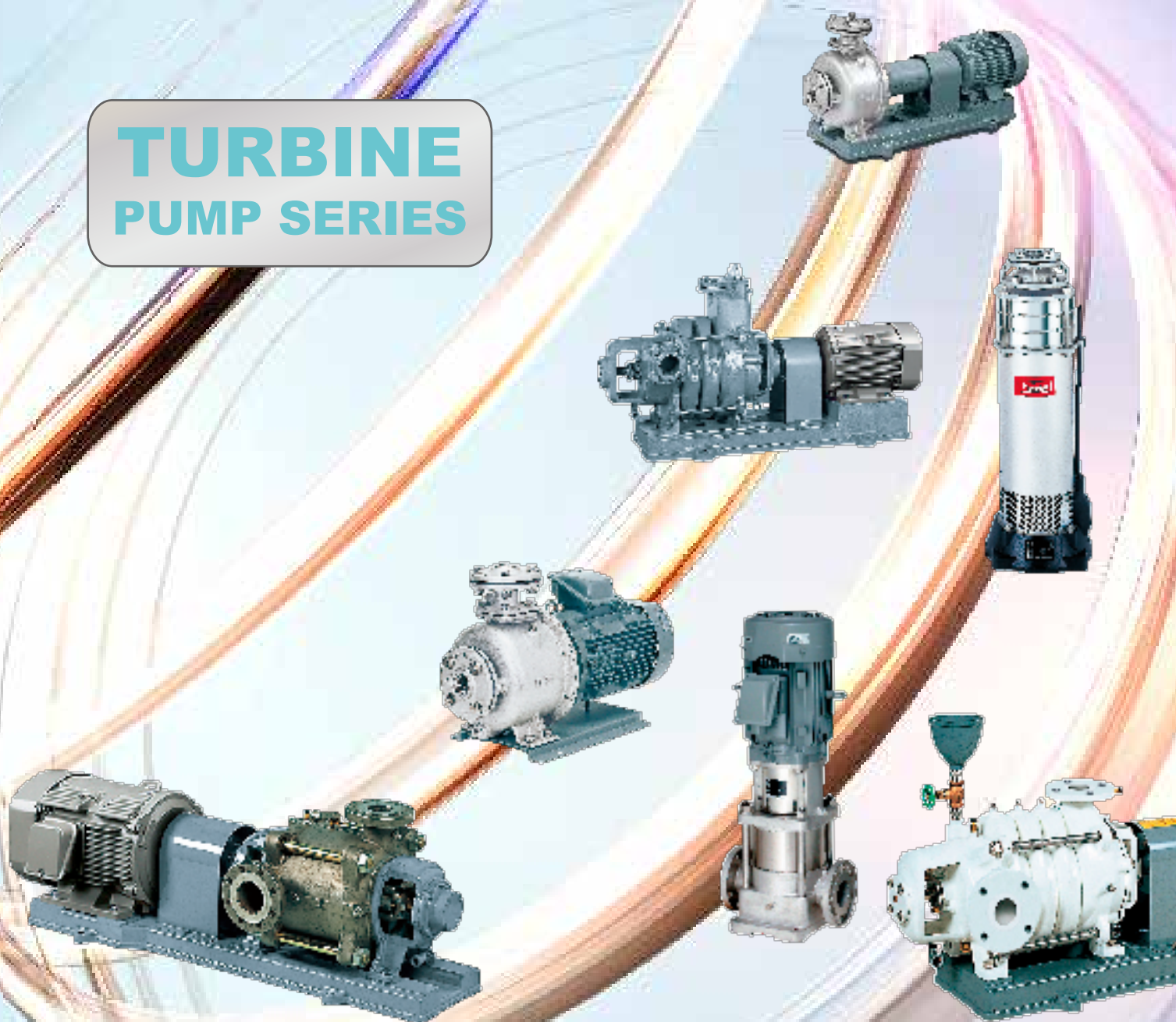
High pressure

Self priming

Submersible fresh water

Ver.1.6

**TURBINE
PUMP SERIES**



High quality and high reliability pumps can satisfy various applications

Multi-stage centrifugal

KAWAMOTO Turbine Pump Series

List of model

This catalogue put typical ground type centrifugal pumps.

Please refer to our 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 Vertical stainless steel 2 pole P. 3

KR₅⁴-C Stainless steel 2 pole P. 8

KN(2)-C Nylon coating 2 pole P.11



KR₅-C形

Compact self-priming

GS₃²-C 2 pole P.15

GSN(2)-C Nylon coating 2 pole P.18

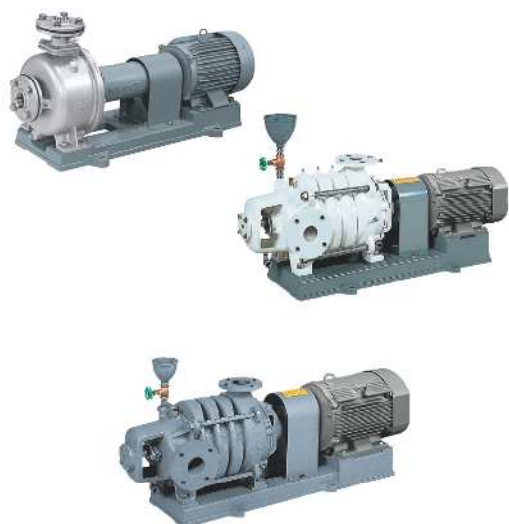
GSS3-C Stainless steel 2 pole P.21



Multi-stage

KR5-M Stainless steel 2 pole P.22

T(N) · TK(N) 4v pole P.25

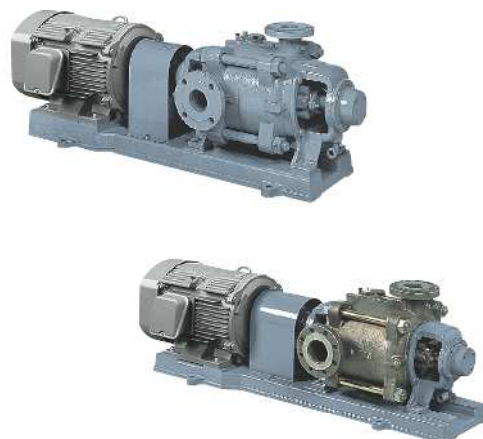


High pressure

K-M 2 pole P.34

KR-M Stainless steel 2 pole P.36

QMML 2 pole P.40



Model name explanation

KVS **25** **5** **ME** **0.75**
① ② ③ ④ ⑤

- ① Pump model
- ② Suction bore (mm)
- ③ Frequency
(5: 50Hz, 6: 60Hz)

- ④ IE3 efficiency motor
(Comply Top runner regulation in Japan*)
- ⑤ Motor output (kW)

The scope of the Top runner regulation is 0.75kW or more.

**Motor variant
Special**

**Close-coupled
pump**

■ Variant voltage

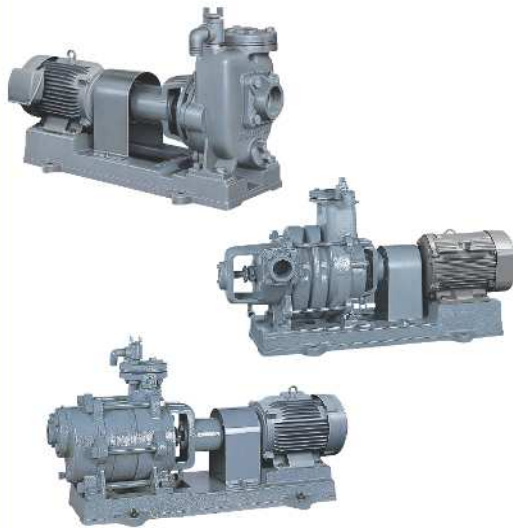
■ Outdoor motor

Please inquire the detail

Self-priming

GS-M · KS 2 pole **P.41**

TVS 4 pole **P.45**



Submersible fresh water

KUR₃ · KURH₃

Stainless steel

In wart tank installation **P.49**

Hot water · hot spring water **P.54**

KUR3-Y Only for horizontal installation

Stainless steel

In wart tank installation **P.57**



Standard accessory

Pump Control Panel



Vibration Proof Joint



Pump Heater



Foot valve



Vibration Proof Bed



Pipe Silencer



Valve (Sluice · Check)



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 (No freezing)
KVS-HM type: 0~40°C
- Materials Impeller SCS13 or SUS304
Shaft SUS316 or SUS329J4L
Casing SCS13
- Shaft sealing Mechanical seal (Mechanical cover unit type)
- Motor TEFC outdoor or indoor
Three phase
- Flange Equivalent to JIS20K

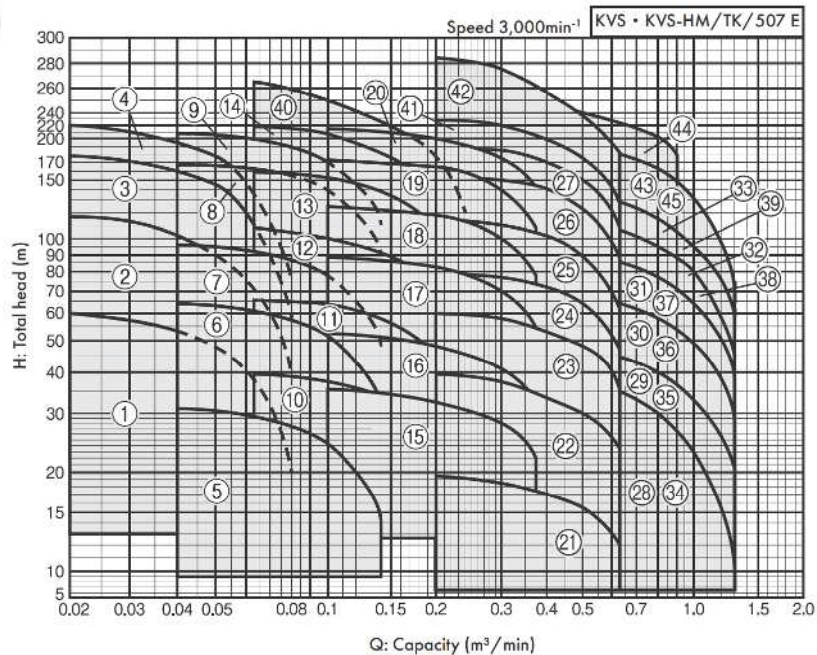
Maximum operating pressure (MPa)

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

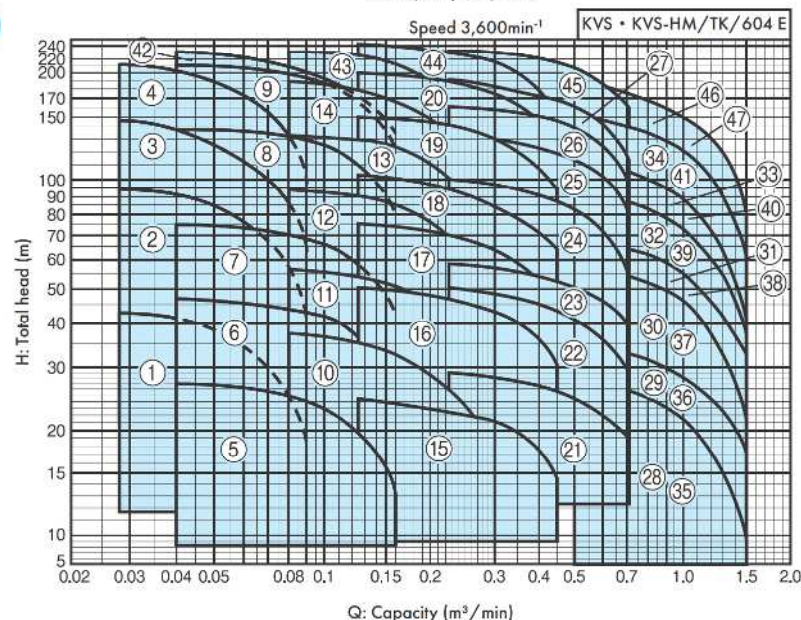
*KVS-HM: 2.5 ~ 3.0MPa

Selection chart

50Hz



60Hz



Selection table

50Hz

■ KVS

Bore mm	Ref.	Model	Motor kW	Stages	Standard specifications				Maximum back pressure MPa	KVS/SI/502 E	
					Capacity	Total head	Capacity	Total head		Vibration isolator application table	
					L/min	m	L/min	m			
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	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	IKVS655ME15	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
	28	KVS805ME5.5	5.5	2	0.4	40	1.3	9.5	0.88	PBKV-MBT03	VP55-J035
80	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
	34	KVS1005ME5.5	5.5	2	0.4	40	1.3	9.5	0.88	PBKV-MBT03	VP55-J035
100	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

Bore mm	Ref.	Model	Motor kW	Stages	Standard specifications				Maximum back pressure MPa	KVS-HM/SI/505 E	
					Capacity	Total head	Capacity	Total head		Vibration isolator application table	
					L/min	m	L/min	m			
40	1	KVS405HME11	11	20	0.063	265	0.25	110	0.02	PBKV-1015-0486	VP55-J015
	2	KVS655HME22	22	12	0.2	228	0.63	126	0.13	PBKV-1014-1344	VP90-J015
65	3	KVS655HME30	30	14	0.2	284	0.63	182	0.15	PBKV-1015-0488	VP90-J015
80	4	KVS805HME30	30	9	0.4	198	1.3	72	0.02	PBKV-1014-1348	VP90-J025
	5	KVS805HME37	37	12	0.4	245	0.9	179	0.02	PBKV-1017-1185	VP90G-J265
100	6	KVS1005HME30	30	9	0.4	198	1.3	72	0.02	PBKV-1014-1286	VP90-J025

KVS Type

60Hz

■ KVS

Bore mm	Ref.	Model	Motor kW	Stages	Standard specifications				Maximum back pressure MPa	KVS/SI/603 E	
					Capacity	Total head	Capacity	Total head		Vibration isolator application table	
					L/min	m	L/min	m			
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	0.7	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	PBKV-MBT27	VP55-J045
	6	KVS326ME1.5	1.5	5	0.04	47	0.16	24	1.8	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	0.8	PBKV-MBT27	VP55-J045
40	9	KVS326ME5.5	5.5	22	0.04	210	0.16	120	0.08	PBKV-MBT27	VP55-J045
	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
50	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
	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
65	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
80	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	4	0.225	100	0.71	54	0.95	PBKV-1014-1344	VP55-J025
	25	KVS656ME15	15	5	0.225	131	0.71	76	0.61	PBKV-1014-1344	VP55-J025
	26	KVS656ME18	18.5	6	0.225	160	0.71	95	0.32	PBKV-1014-1344	VP55-J025
100	27	KVS656ME22	22	7	0.225	192	0.71	117	0	PBKV-1014-1344	VP55-J025
	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
100	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
	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
100	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

Bore mm	Ref.	Model	Motor kW	Stages	Standard specifications				Maximum back pressure MPa	KVS-HM/SI/602 E	
					Capacity	Total head	Capacity	Total head		Vibration isolator application table	
					L/min	m	L/min	m			
32	1	KVS326HME7.5	7.5	24	0.04	230	0.16	135	0.08	PBKV-MBT27	VP55-J045
40	2	KVS406HME11	11	12	0.08	236	0.28	135	0.06	PBKV-1014-1340	VP55-J015
50	3	KVS506HME18	18.5	10	0.125	242	0.45	146	0.02	PBKV-1014-1340	VP55-J015
65	4	KVS656HME30	30	8	0.225	232	0.71	156	0.13	PBKV-1014-1344	VP90-J015
80	5	KVS806HME37	37	6	0.5	188	1.5	80	0.1	PBKV-1014-1348	VP90-J025
100	6	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	t	n	h
25	25	90	16	4	19
32	32	100	18	4	19
40	40	105	18	4	19
50	50	120	18	8	19
65	65	140	20	8	19
80	80	160	22	8	23
100	100	185	24	8	23

* Foundation bolts are optional accessories. If you need them, please buy yourself.

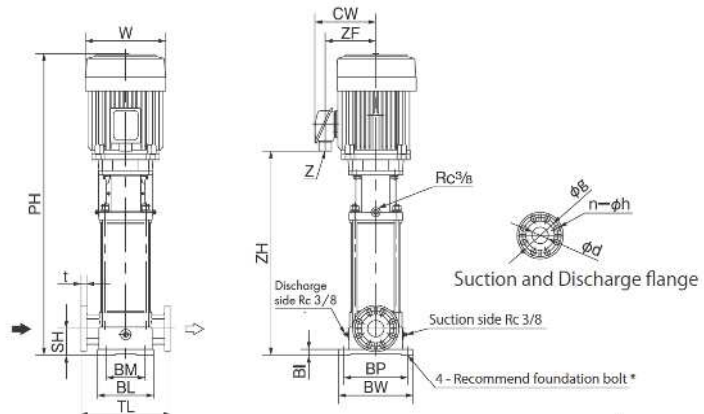
Recommend foundation bolt size

Bore 50 or less : M10 x 160
(11kW or more: M10 x 200)

Bore 65 or more : M12 x 250

[30kW or more: 12 x 315

KVS805HME37: M16 x 400, excepting KVS656HME30)



Note) In case replacing the motor, a more than 300mm space is required upside of the motor.

KVS/D/001 E

50Hz

KVS

unit: mm

KVS/d/502 E

Bore mm	Model	Motor kW	Pump										Motor			Mass kg
			PH	SH	TL	W	CW	BI	BL	BM	BP	BW	ZH	ZF	Z	
25	KVS255ME0.75	0.75	694	75	250	131	143	20	149	100	180	210	461	109	G3/4	29
	KVS255ME1.5	1.5	885	75	250	162	155	20	149	100	180	210	632	120	G3/4	42
	KVS255ME2.2	2.2	1057	75	250	202	167	20	149	100	180	210	818	132	G3/4	52
	KVS255ME3.7	3.7	1205	75	250	202	167	20	149	100	180	210	926	132	G3/4	61
32	KVS325ME0.75	0.75	662	75	250	131	143	20	149	100	180	210	429	109	G3/4	29
	KVS325ME1.5	1.5	826	75	250	162	155	20	149	100	180	210	573	120	G3/4	40
	KVS325ME2.2	2.2	953	75	250	202	167	20	149	100	180	210	714	132	G3/4	49
	KVS325ME3.7	3.7	1290	75	250	202	167	20	149	100	180	210	1011	132	G3/4	63
	KVS325ME5.5	5.5	1563	75	250	235	194	20	149	100	180	210	1277	158	G1	83
	KVS405ME1.5	1.5	659	80	280	162	155	20	190	130	215	250	407	120	G3/4	47
40	KVS405ME2.2	2.2	721	80	280	202	167	20	190	130	215	250	482	132	G3/4	57
	KVS405ME3.7	3.7	866	80	280	202	167	20	190	130	215	250	587	132	G3/4	71
	KVS405ME5.5	5.5	1117	80	280	235	194	20	190	130	215	250	831	158	G1	98
	KVS405ME7.5	7.5	1274	80	280	272	206	20	190	130	215	250	945	170	G1	128
	KVS505ME2.2	2.2	646	90	300	202	167	20	190	130	215	250	407	132	G3/4	52
50	KVS505ME3.7	3.7	726	90	300	202	167	20	190	130	215	250	447	132	G3/4	60
	KVS505ME5.5	5.5	918	90	300	235	194	20	190	130	215	250	631	158	G1	84
	KVS505ME7.5	7.5	1014	90	300	272	206	20	190	130	215	250	685	170	G1	108
	KVS505ME11	11	1348	90	300	316	269	20	190	130	215	250	1140	217	φ52	174
	KVS505ME15	15	1428	90	300	316	269	20	190	130	215	250	1220	217	φ52	190
	KVS655ME2.2	2.2	679	105	320	202	167	30	210	170	240	280	440	132	G3/4	59
65	KVS655ME3.7	3.7	719	105	320	202	167	30	210	170	240	280	440	132	G3/4	66
	KVS655ME5.5	5.5	875	105	320	235	194	30	210	170	240	280	589	158	G1	86
	KVS655ME7.5	7.5	937	105	320	272	206	30	210	170	240	280	608	170	G1	109
	KVS655ME11	11	1241	105	320	316	269	30	210	170	240	280	1033	217	φ52	174
	KVS655ME15	15	1331	105	320	316	269	30	210	170	240	280	1123	217	φ52	192
	KVS655ME18	18.5	1455	105	320	316	269	30	210	170	240	280	1244	217	φ52	222
80	KVS805ME5.5	5.5	932	140	365	235	194	45	250	190	266	330	645	158	G1	94
	KVS805ME7.5	7.5	948	140	365	272	206	45	250	190	266	330	619	170	G1	113
	KVS805ME11	11	1227	140	365	316	269	45	250	190	266	330	1019	217	φ52	180
	KVS805ME15	15	1307	140	365	316	269	45	250	190	266	330	1099	217	φ52	212
	KVS805ME18	18.5	1392	140	365	316	269	45	250	190	266	330	1184	217	φ52	230
	KVS805ME22	22	1605	140	365	365	288	45	250	190	266	330	1324	236	φ65	338
100	KVS1005ME5.5	5.5	932	140	365	235	194	45	250	190	266	330	645	158	G1	96
	KVS1005ME7.5	7.5	948	140	365	272	206	45	250	190	266	330	619	170	G1	115
	KVS1005ME11	11	1227	140	365	316	269	45	250	190	266	330	1019	217	φ52	182
	KVS1005ME15	15	1307	140	365	316	269	45	250	190	266	330	1099	217	φ52	214
	KVS1005ME18	18.5	1392	140	365	316	269	45	250	190	266	330	1184	217	φ52	230
	KVS1005ME22	22	1605	140	365	365	288	45	250	190	266	330	1324	236	φ65	338

KVS-HM

unit: mm

KVS-HM/d/504 E

Bore mm	Model	Motor kW	Pump										Motor			Mass kg
			PH	SH	TL	W	CW	BI	BL	BM	BP	BW	ZH	ZF	Z	
40	KVS405HME11	11	1628	80	280	316	269	20	190	130	215	250	1420	217	φ52	198
	KVS655HME22	22	1599	105	320	365	288	30	210	170	240	280	1318	236	φ65	360
65	KVS655HME30	30	1857	105	320	365	325	30	210	170	240	280	1537	250	φ78	360
	KVS805HME30	30	1910	140	365	365	325	45	250	190	266	330	1595	250	φ78	391
80	KVS805HME37	37	2030	140	365	402	356	45	250	190	280	330	1679	281	φ78	509
	KVS1005HME30	30	1910	140	365	365	325	45	250	190	266	330	1595	250	φ78	393

KVS Type

60Hz

■ KVS

Bore mm	Model	Motor kW	Pump										KVS/d/602 E			Mass kg
			PH	SH	TL	W	CW	BI	BL	BM	BP	BW	ZH	ZF	Z	
25	KVS256ME0.75	0.75	604	75	250	131	143	20	149	100	180	210	371	109	G3/4	28
	KVS256ME1.5	1.5	741	75	250	162	155	20	149	100	180	210	488	120	G3/4	38
	KVS256ME2.2	2.2	841	75	250	202	167	20	149	100	180	210	602	132	G3/4	46
	KVS256ME3.7	3.7	1007	75	250	202	167	20	149	100	180	210	728	132	G3/4	55
32	KVS326ME0.75	0.75	608	75	250	131	143	20	149	100	180	210	375	109	G3/4	28
	KVS326ME1.5	1.5	691	75	250	162	155	20	149	100	180	210	438	120	G3/4	36
	KVS326ME2.2	2.2	764	75	250	202	167	20	149	100	180	210	525	132	G3/4	43
	KVS326ME3.7	3.7	993	75	250	202	167	20	149	100	180	210	714	132	G3/4	55
40	KVS326ME5.5	5.5	1293	75	250	235	194	20	149	100	180	210	1007	158	G1	75
	KVS406ME1.5	1.5	624	80	280	162	155	20	190	130	215	250	372	120	G3/4	45
	KVS406ME2.2	2.2	651	80	280	202	167	20	190	130	215	250	412	132	G3/4	52
	KVS406ME3.7	3.7	761	80	280	202	167	20	190	130	215	250	482	132	G3/4	63
	KVS406ME5.5	5.5	943	80	280	235	194	20	190	130	215	250	656	158	G1	85
50	KVS406ME7.5	7.5	1064	80	280	272	206	20	190	130	215	250	735	170	G1	112
	KVS506ME2.2	2.2	646	90	300	202	167	20	190	130	215	250	407	132	G3/4	50
	KVS506ME3.7	3.7	686	90	300	202	167	20	190	130	215	250	407	132	G3/4	57
	KVS506ME5.5	5.5	838	90	300	235	194	20	190	130	215	250	551	158	G1	77
	KVS506ME7.5	7.5	894	90	300	272	206	20	190	130	215	250	565	170	G1	98
	KVS506ME11	11	1188	90	300	316	269	20	190	130	215	250	980	217	φ52	160
65	KVS506ME15	15	1268	90	300	316	269	20	190	130	215	250	1060	217	φ52	176
	KVS656ME3.7	3.7	719	105	320	202	167	30	210	170	240	280	440	132	G3/4	65
	KVS656ME5.5	5.5	831	105	320	235	194	30	210	170	240	280	545	158	G1	82
	KVS656ME7.5	7.5	847	105	320	272	206	30	210	170	240	280	518	170	G1	100
	KVS656ME11	11	1151	105	320	316	269	30	210	170	240	280	943	217	φ52	165
	KVS656ME15	15	1196	105	320	316	269	30	210	170	240	280	988	217	φ52	179
	KVS656ME18	18.5	1276	105	320	316	269	30	210	170	240	280	1068	217	φ52	204
80	KVS656ME22	22	1374	105	320	365	288	30	210	170	240	280	1093	236	φ65	291
	KVS806ME5.5	5.5	867	140	365	235	194	45	250	190	266	330	580	158	G1	83
	KVS806ME7.5	7.5	883	140	365	272	206	45	250	190	266	330	554	170	G1	102
	KVS806ME11	11	1162	140	365	316	269	45	250	190	266	330	954	217	φ52	169
	KVS806ME15	15	1177	140	365	316	269	45	250	190	266	330	969	217	φ52	190
	KVS806ME18	18.5	1262	140	365	316	269	45	250	190	266	330	1054	217	φ52	208
	KVS806ME22	22	1380	140	365	365	288	45	250	190	266	330	1099	236	φ65	302
100	KVS806ME30	30	1613	140	365	365	325	45	250	190	266	330	1293	250	φ78	347
	KVS1006ME5.5	5.5	867	140	365	235	194	45	250	190	266	330	580	158	G1	85
	KVS1006ME7.5	7.5	883	140	365	272	206	45	250	190	266	330	554	170	G1	104
	KVS1006ME11	11	1162	140	365	316	269	45	250	190	266	330	954	217	φ52	171
	KVS1006ME15	15	1177	140	365	316	269	45	250	190	266	330	969	217	φ52	192
	KVS1006ME18	18.5	1262	140	365	316	269	45	250	190	266	330	1054	217	φ52	210
100	KVS1006ME22	22	1380	140	365	365	288	45	250	190	266	330	1099	236	φ65	304
	KVS1006ME30	30	1613	140	365	365	325	45	250	190	266	330	1298	250	φ78	349

■ KVS-HM

Bore mm	Model	Motor kW	Pump										KVS-HM/d/602 E			Mass kg
			PH	SH	TL	W	CW	BI	BL	BM	BP	BW	ZH	ZF	Z	
32	KVS326HME7.5	7.5	1364	75	250	272	206	20	149	100	180	210	1034	170	G1	96
40	KVS406HME11	11	1348	80	280	316	269	20	190	130	215	250	1140	217	φ52	174
50	KVS506HME18	18.5	1368	90	300	316	269	20	190	130	215	250	1160	217	φ65	194
65	KVS656HME30	30	1587	105	320	365	325	30	210	170	240	280	1272	250	φ78	324
80	KVS806HME37	37	1770	140	365	402	356	45	250	190	266	330	1419	281	φ78	443
100	KVS1006HME37	37	1770	140	365	402	356	45	250	190	266	330	1419	281	φ78	445

KR₅⁴ -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 (No freezing)
- Materials Impeller Resin or SCS13 or Bronze
Shaft SUS304 (Wetted part)
Casing SCS13
- Shaft sealing Mechanical seal (Ceramic x Carbon)
- Motor TEFC indoor.
Single phase, Three phase
- Flange Exclusive flange

Maximum back pressure

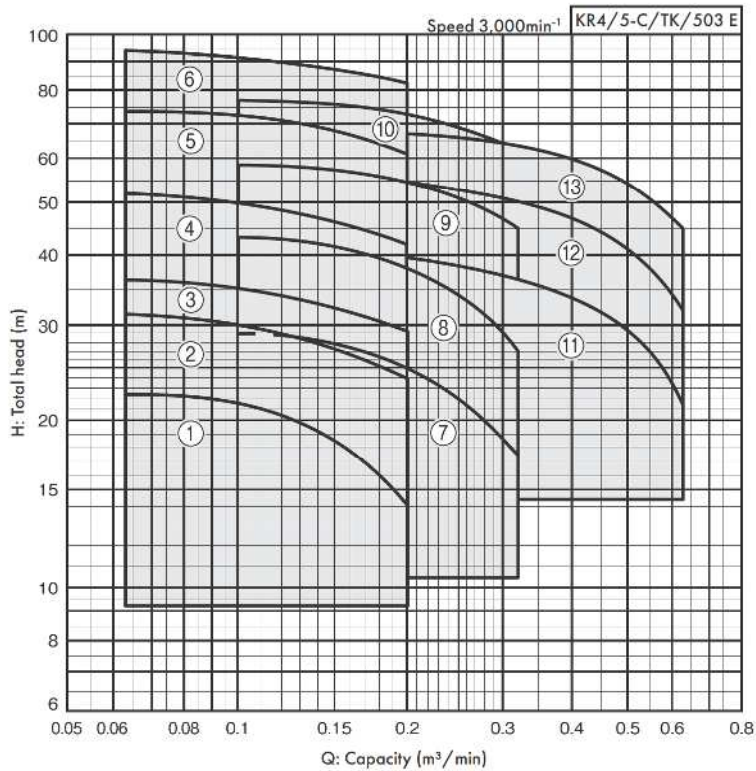
(1 - Shut-off pressure of the pump) MPa

Standard accessories

(Refer to Specification table)
Base, Companion flange (Bolt and Nut),
Connecting pipe

Selection chart

50Hz



Selection table

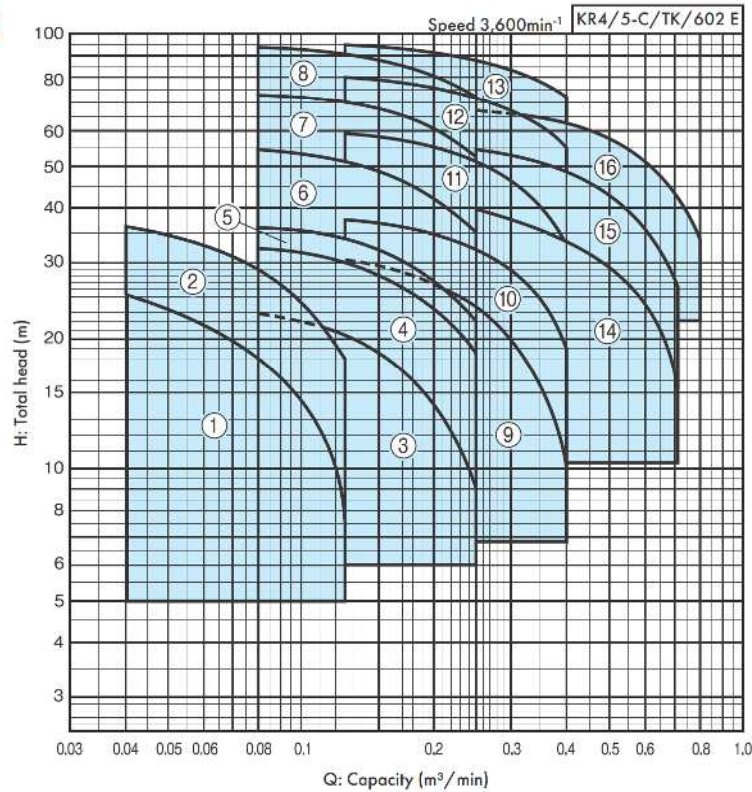
50Hz

Suction Bore mm	Discharge Bore mm	Ref.	Model	Motor kW	Stages	Standard specifications				Maximum back pressure MPa	KR4/5-C/SI/502 E Vibration isolator application table	
						Capacity L/min	Total head m	Capacity L/min	Total head m			
40	40	1	KR4-405CE0.75	0.75	2	0.063	22.5	0.2	14	0.75	PBKV-47-404-01	PX-60Z
		2	KR4-405CE1.1	1.1	2	0.063	31	0.2	24	0.68	PBKV-47-404-01	PX-60Z
		3	KR5-405CE1.5	1.5	2	0.063	36	0.2	29	0.63	PBKV-47-404-01	PX-60Z
		4	KR5-405CE2.2	2.2	3	0.063	51	0.2	42	0.48	PBKV-47-404-01	PX-60Z
		5	KR5-405CE3.7	3.7	3	0.063	74	0.2	61	0.25	QRE-01A	PX-60Z
		6	KR5-405CE5.5	5.5	3	0.063	93.5	0.2	81	0.059	QRE-01A	PX-60Z
50	40	7	KR5-505CE1.5	1.5	2	0.1	29	0.315	17.5	0.7	PBKV-47-404-01	PX-60Z
		8	KR5-505CE2.2	2.2	3	0.1	43	0.315	27	0.56	PBKV-47-404-01	PX-60Z
		9	KR5-505CE3.7	3.7	3	0.1	58	0.315	45	0.41	PBKV-47-404-01	PX-60Z
		10	KR5-505CE5.5	5.5	3	0.1	76	0.315	63	0.24	QRE-01A	PX-60Z
65	50	11	KR5-655CE3.7	3.7	2	0.2	39.5	0.63	21.5	0.59	QRE-01A	PX-60Z
		12	KR5-655CE5.5	5.5	2	0.2	54.5	0.63	32	0.44	QRE-01A	PX-60Z
		13	KR5-655CE7.5	7.5	2	0.2	67	0.63	45	0.32	QRE-01A	PX-60Z

KR⁴₅ -C Type

Selection chart

60Hz



Selection table

60Hz

KR4/5-C/SI/602 E												
Suction Bore mm	Discharge Bore mm	Ref.	Model	Motor kW	Stages	Standard specifications				Maximum back pressure MPa	Vibration isolator application table	
						Capacity L/min	Total head m	Capacity L/min	Total head m			
32	40	1	KR4-326-CN0.4S	0.4 *1	3	0.04	25	0.125	7.5	0.44	PBKV-47-404-01	PX-60Z
		2	KR4-326-CN0.75S2	0.75 *2	3	0.04	36	0.125	18	0.63	PBKV-47-404-01	PX-60Z
40	40	3	KR4-406CE0.75	0.75	2	0.08	22.5	0.25	9	0.75	PBKV-47-404-01	PX-60Z
		4	KR4-406CE1.1	1.1	2	0.08	32	0.25	18.5	0.67	PBKV-47-404-01	PX-60Z
		5	KR5-406CE1.5	1.5	2	0.08	36	0.25	22	0.63	PBKV-47-404-01	PX-60Z
		6	KR5-406CE2.2	2.2	3	0.08	54	0.25	35	0.45	PBKV-47-404-01	PX-60Z
		7	KR5-406CE3.7	3.7	3	0.08	72	0.25	53	0.27	PBKV-47-404-01	PX-60Z
		8	KR5-406CE5.5	5.5	3	0.08	93.5	0.25	72	0.059	QRE-01A	PX-60Z
50	40	9	KR5-506CE1.5	1.5	2	0.125	30.5	0.4	10	0.68	PBKV-47-404-01	PX-60Z
		10	KR5-506CE2.2	2.2	2	0.125	37.5	0.4	19	0.61	PBKV-47-404-01	PX-60Z
		11	KR5-506CE3.7	3.7	3	0.125	59.5	0.4	33	0.39	PBKV-47-404-01	PX-60Z
		12	KR5-506CE5.5	5.5	3	0.125	80	0.4	54	0.2	QRE-01A	PX-60Z
65	50	13	KR5-506CE7.5	7.5	3	0.125	95	0.4	71	0.049	QRE-02A	PX-60Z
		14	KR5-656CE3.7	3.7	2	0.25	39.5	0.71	15.5	0.59	QRE-01A	PX-60Z
		15	KR5-656CE5.5	5.5	2	0.25	54.5	0.71	26.5	0.44	QRE-01A	PX-60Z
		16	KR5-656CE7.5	7.5	2	0.25	67	0.8	33	0.32	QRE-01A	PX-60Z

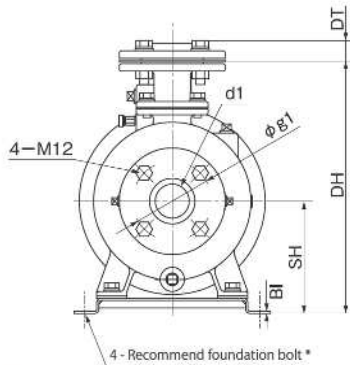
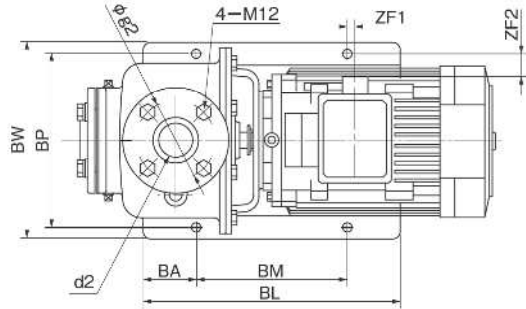
*1 Single phase 100V *2 Single phase 200V

KR₅⁴-C Type

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

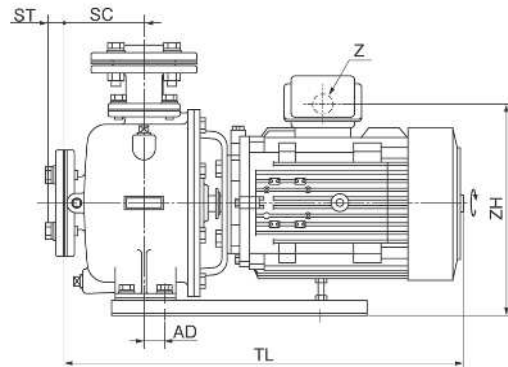
unit: mm

Bore		Flange					
Suction	Discharge	d1	d2	g1	g2	ST	DT
40	40	Rc1 1/2	Rc1 1/2	105	105	25	25
50	40	Rc2	Rc1 1/2	120	105	27	25
65	50	Rc2 1/2	Rc2	140	120	31	27



* Foundation bolts are optional accessories. If you need them, please buy yourself.

* Recommend foundation bolt size: M10 x 125 (In case cast steel base model: M12 x 160)



KR4/5-C/D/001 E

50Hz

unit: mm

Suction Bore mm	Discharge bore mm	Model	Motor kW	Impeller material	Pump	Base						Combinations						Mass kg			
						SC	BI	BL	BA	BM	BP	BW	DH	SH	TL	AD	ZF1		ZF2	ZH	Z
40	40	KR4-405CE0.75	0.75	SCS13	60	2.8	340	70	200	230	260	332	148	420	27	-42	65	240	G3/4	32	
		KR4-405CE1.1	1.1			200	230	260	332	148	420	27	7.5	28	268	G3/4	36				
		KR5-405CE1.5	1.5			200	230	260	332	148	420	27	7.5	28	268	G3/4	42				
		KR5-405CE2.2	2.2			102	2.8	340	70	200	230	260	332	148	494	27	13	28	280	G3/4	46
		KR5-405CE3.7	3.7			105	20	410	80	250	280	314	375	173	538	22	-32	53	305	G3/4	61
		KR5-405CE5.5	5.5			105	20	410	80	250	280	314	375	173	599	22	26	49	331	G1	82
50	40	KR5-505CE1.5	1.5	SCS13	60	2.8	340	70	200	230	260	332	148	460	27	7.5	28	268	G3/4	43	
		KR5-505CE2.2	2.2			200	230	260	332	148	494	27	13	28	280	G3/4	49				
		KR5-505CE3.7	3.7			102	2.8	340	70	200	230	260	332	148	534	27	13	28	280	G3/4	52
		KR5-505CE5.5	5.5			105	20	410	80	250	280	314	375	173	599	22	26	49	331	G1	82
65	50	KR5-655CE3.7	3.7	CAC901	100	20	410	80	250	280	314	338	173	518	20	-45	53	305	G3/4	60	
		KR5-655CE5.5	5.5			100	20	410	80	250	280	314	383	193	579	20	14	49	351	G1	82
		KR5-655CE7.5	7.5			100	20	410	80	250	280	314	383	193	596	20	-13	49	363	G1	101

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

60Hz

unit: mm

Suction Bore mm	Discharge bore mm	Model	Motor kW	Impeller material	Pump	Base						Combinations						Mass kg			
						SC	BI	BL	BA	BM	BP	BW	DH	SH	TL	AD	ZF1		ZF2	ZH	Z
32	40	KR4-326-CN0.4S	0.4	Resin	72	2.8	340	70	200	230	260	333	148	419	27	-55	61	242	G3/4	29	
		KR4-326-CN0.75S2	0.75			200	230	260	333	148	465	27	-40	61	250	G3/4	33				
40	40	KR4-406CE0.75	0.75	SCS13	60	2.8	340	70	200	230	260	332	148	420	27	-42	65	240	G3/4	32	
		KR4-406CE1.1	1.1			200	230	260	332	148	420	27	7.5	28	268	G3/4	36				
		KR5-406CE1.5	1.5			200	230	260	332	148	420	27	7.5	28	268	G3/4	42				
		KR5-406CE2.2	2.2			102	2.8	340	70	200	230	260	332	148	494	27	13	28	280	G3/4	46
		KR5-406CE3.7	3.7			102	2.8	340	70	200	230	260	332	148	534	27	13	28	280	G3/4	52
		KR5-406CE5.5	5.5			105	20	410	80	250	280	314	375	173	599	22	26	49	331	G1	82
50	40	KR5-506CE1.5	1.5	SCS13	60	2.8	340	70	200	230	260	332	148	460	27	7.5	28	268	G3/4	43	
		KR5-506CE2.2	2.2			200	230	260	332	148	452	27	13	28	280	G3/4	48				
		KR5-506CE3.7	3.7			102	2.8	340	70	200	230	260	332	148	534	27	13	28	280	G3/4	54
		KR5-506CE5.5	5.5			105	20	410	80	250	280	314	375	173	599	22	26	49	331	G1	82
		KR5-506CE7.5	7.5			105	20	410	80	250	280	314	375	173	599	22	0	49	342	G1	100
65	50	KR5-656CE3.7	3.7	CAC901	100	20	410	80	250	280	314	338	173	518	20	-45	53	305	G3/4	59	
		KR5-656CE5.5	5.5			100	20	410	80	250	280	314	383	193	579	20	14	49	351	G1	82
		KR5-656CE7.5	7.5			100	20	410	80	250	280	314	383	193	596	20	-13	49	363	G1	101

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

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 (No freezing)
- Materials Impeller Bronze
Shaft SUS304 (Wetted part)
Casing Cast iron + Nylon coating
- Shaft sealing Mechanical seal (Ceramic x Carbon)
- Motor TEFC indoor.
Single phase, Three phase
- Flange Exclusive square flange or equivalent to JIS 10K thin type

Standard accessories

Base, Companion flange (Bolt and Nut)

Maximum back pressure (Refer to Specification table)

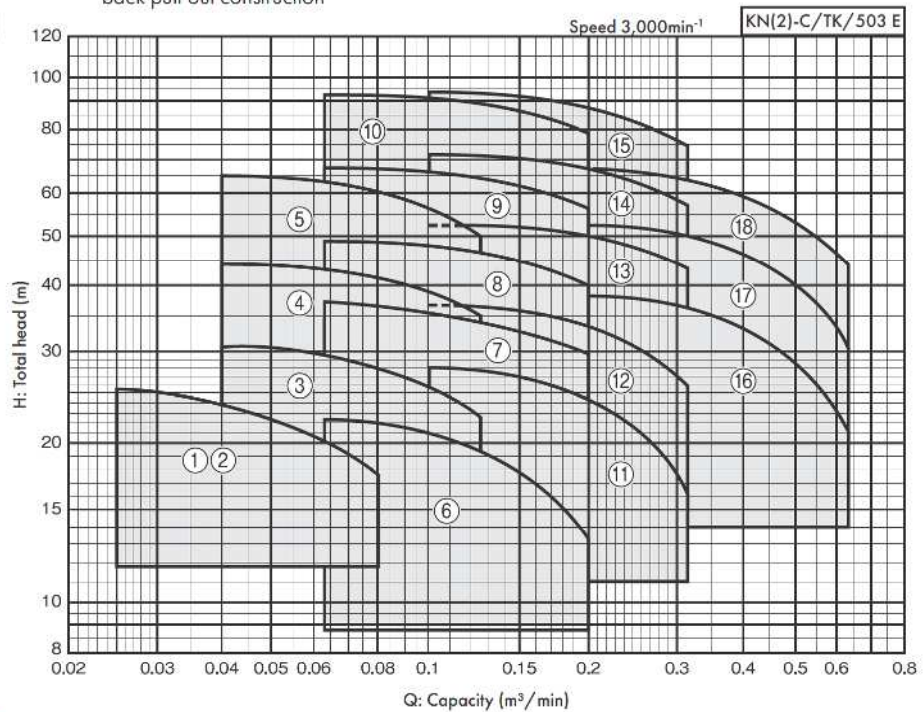
(0.5 (a part of models 0.7, 1.0) – shut-off pressure) MPa

Maximum suction total head (20°C)

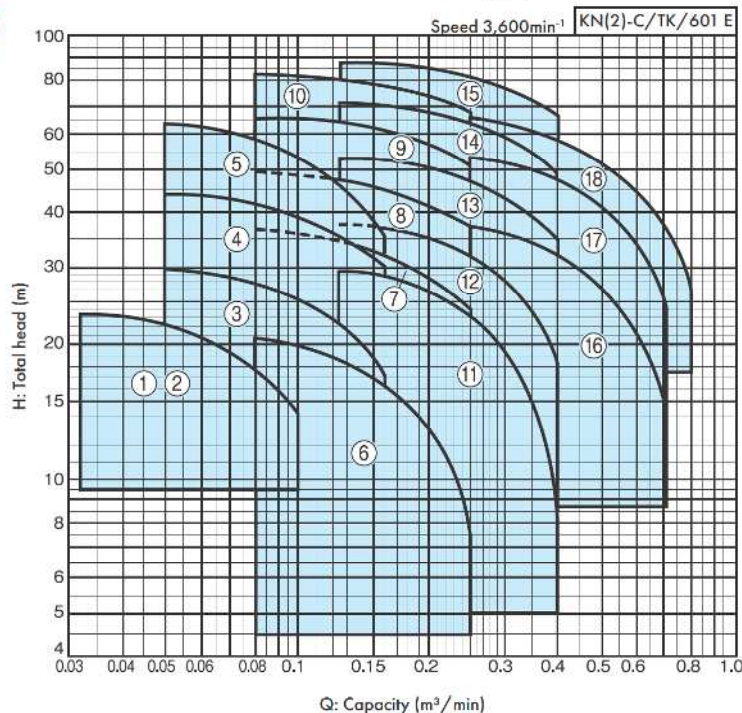
-6m

Selection chart

50Hz



60Hz



KN(2)-C Type

Selection table

50Hz

Suction Bore mm	Discharge Bore mm	Ref.	Model	Motor kW	Stages	Standard specifications				Maximum back pressure MPa	KN (2) -C/SI/503 E	
						Capacity	Total head	Capacity	Total head		Vibration isolator application table	
						L/min	m	L/min	m			
32	32	1	KN2-325-C0.4S	0.4*	2	0.025	25.5	0.08	17.8	0.21	QGP-10	PX-60Z
		2	KN-325-CN0.4T	0.4	2	0.025	25.5	0.08	17.8	0.21	QGP-10	PX-60Z
		3	KN325CE0.75	0.75	2	0.04	30.5	0.125	22.5	0.37	QGP-10	PX-60Z
		4	KN2-325CE1.5	1.5	2	0.04	44.5	0.125	35	0.24	QGP-12	PX-60Z
		5	KN2-325CE2.2	2.2	3	0.04	65	0.125	50	0.02	QGP-12	PX-60Z
40	32	6	KN405CE0.75	0.75	2	0.063	22.2	0.2	13.2	0.45	QRE-01A	PX-60Z
		7	KN2-405CE1.5	1.5	2	0.063	37	0.2	29.5	0.31	QGP-11	PX-60Z
		8	KN2-405CE2.2	2.2	2	0.063	49	0.2	40	0.2	QGP-11	PX-60Z
		9	KN2-405CE3.7	3.7	2	0.063	67	0.2	56	0.049	QRE-01A	PX-60Z
		10	KN2-405CE5.5	5.5	3	0.063	92	0.2	78	0.059	QRE-01A	PX-60Z
50	40	11	KN2-505CE1.5	1.5	2	0.1	28.2	0.315	16.5	0.41	QGP-12	PX-60Z
		12	KN2-505CE2.2	2.2	2	0.1	37	0.315	26	0.32	QGP-12	PX-60Z
		13	KN2-505CE3.7	3.7	2	0.1	52.5	0.315	43.5	0.15	QRE-01A	PX-60Z
		14	KN2-505CE5.5	5.5	2	0.1	70.5	0.315	57.5	0.25	QRE-03A	PX-60Z
		15	KN2-505CE7.5	7.5	2	0.1	93	0.315	74	0.049	QRE-03A	PX-75Z
65	50	16	KN2-655CE3.7	3.7	2	0.2	38.5	0.63	21	0.29	QRE-01A	PX-60Z
		17	KN2-655CE5.5	5.5	2	0.2	52.5	0.63	30.5	0.17	QRE-03A	PX-60Z
		18	KN2-655CE7.5	7.5	2	0.2	66	0.63	44.5	0.049	QRE-03A	PX-60Z

* Single phase 100V

60Hz

Suction Bore mm	Discharge Bore mm	Ref.	Model	Motor kW	Stages	Standard specifications				Maximum back pressure MPa	KN (2) -C/SI/603 E	
						Capacity	Total head	Capacity	Total head		Vibration isolator application table	
						L/min	m	L/min	m			
32	32	1	KN2-326-C0.4S	0.4*	2	0.032	23.5	0.1	14.2	0.24	QGP-10	PX-60Z
		2	KN-326-CN0.4T	0.4	2	0.032	23.5	0.1	14.2	0.24	QGP-10	PX-60Z
		3	KN326CE0.75	0.75	2	0.05	29.5	0.16	17	0.38	QGP-10	PX-60Z
		4	KN2-326CE1.5	1.5	2	0.05	44	0.16	30	0.25	QGP-10	PX-60Z
		5	KN2-326CE2.2	2.2	3	0.05	64	0.16	35.5	0.0098	QGP-12	PX-60Z
40	32	6	KN406CE0.75	0.75	2	0.08	20.5	0.25	6.8	0.46	QRE-01A	PX-60Z
		7	KN2-406CE1.5	1.5	2	0.08	36.5	0.25	24	0.31	QGP-11	PX-60Z
		8	KN2-406CE2.2	2.2	2	0.08	49.5	0.25	37	0.18	QGP-11	PX-60Z
		9	KN2-406CE3.7	3.7	2	0.08	65.5	0.25	51	0.049	QRE-01A	PX-60Z
		10	KN2-406CE5.5	5.5	2	0.08	82	0.25	67	0.16	QRE-01A	PX-60Z
50	40	11	KN2-506CE1.5	1.5	2	0.125	29.5	0.4	7.5	0.38	QGP-12	PX-60Z
		12	KN2-506CE2.2	2.2	2	0.125	37.5	0.4	18	0.3	QGP-12	PX-60Z
		13	KN2-506CE3.7	3.7	2	0.125	53	0.4	34.5	0.16	QRE-01A	PX-60Z
		14	KN2-506CE5.5	5.5	2	0.125	70.5	0.4	49	0.25	QRE-03A	PX-60Z
		15	KN2-506CE7.5	7.5	2	0.125	87	0.4	67	0.088	QRE-03A	PX-75Z
65	50	16	KN2-656CE3.7	3.7	2	0.25	37.5	0.71	13	0.29	QRE-01A	PX-60Z
		17	KN2-656CE5.5	5.5	2	0.25	53	0.71	24	0.15	QRE-03A	PX-60Z
		18	KN2-656CE7.5	7.5	2	0.25	65.5	0.8	26.5	0.049	QRE-03A	PX-60Z

* Single phase 100V

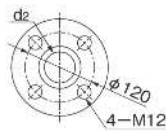
KN(2)-C Type

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

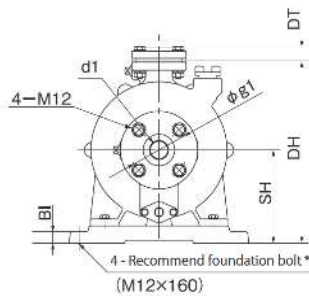
● KN2-C type

unit: mm

Bore		Flange				
Suction	Discharge	d1	d2	g1	ST	DT
32	32	Rc1 1/4	Rc1 1/4	100	25	25
40	32	Rc1 1/4	Rc1 1/4	105	25	25
50	40	Rc2	Rc1 1/2	120	27	25
65	50	Rc2 1/2	Rc2	140	31	27



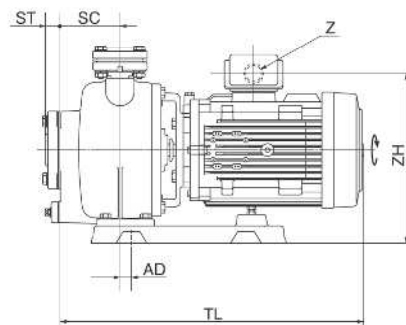
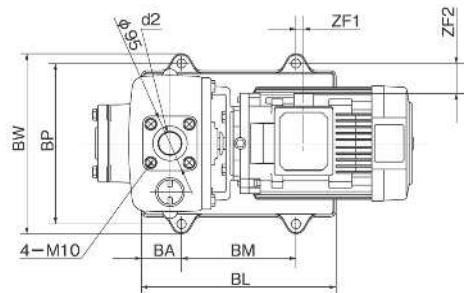
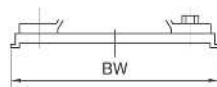
In case discharge bore 50mm



4 - Recommend foundation bolt* (M12×160)

2.2kW or less

Except bore 40mm and 0.75kW models



2 - Recommend foundation bolt* (M10×125)

* Foundation bolts are optional accessories. If you need them, please buy yourself.

KN(2)-C/HD/001 E

KN(2)-C Type

50Hz

unit: mm KN (2)-C/Hd/502 E

Suction Bore mm	Discharge bore mm	Model	Motor kW	Pump SC	Base						Combinations							Mass kg	
					BI	BL	BA	BM	BP	BW	DH	SH	TL	AD	ZF1	ZF2	ZH		Z
32	32	KN2-325-C0.4S	0.4	65	18	250	110	—	160	200	278	143	415	75	101	30	237	—	30
		KN-325-CN0.4T	0.4	65	18	250	110	—	160	200	278	143	366	75	130	30	239	—	28
		KN325CE0.75	0.75	65	18	250	110	—	160	200	278	143	421	75	106	26	235	G3/4	33
		KN2-325CE1.5	1.5	65	18	320	160	—	210	260	305	150	461	115	116	18	270	G3/4	45
		KN2-325CE2.2	2.2	105	18	320	160	—	210	260	305	150	493	115	121	18	282	G3/4	57
40	32	KN405CE0.75	0.75	80	20	340	70	200	250	284	305	160	425	20	-50	71	252	G3/4	38
		KN2-405CE1.5	1.5	80	18	250	125	—	180	230	288	143	466	80	141	3	263	G3/4	40
		KN2-405CE2.2	2.2	80	18	250	125	—	180	230	288	143	458	80	146	3	275	G3/4	47
		KN2-405CE3.7	3.7	80	20	340	70	200	280	314	340	170	498	20	6	53	302	G3/4	71
		KN2-405CE5.5	5.5	125	20	410	80	250	280	314	340	170	604	30	4	49	328	G1	93
50	40	KN2-505CE1.5	1.5	80	18	320	160	—	210	260	305	150	466	115	106	18	270	G3/4	42
		KN2-505CE2.2	2.2	80	18	320	160	—	210	260	305	150	458	115	111	18	282	G3/4	48
		KN2-505CE3.7	3.7	80	20	340	70	200	280	314	317	162	498	20	6	53	294	G3/4	72
		KN2-505CE5.5	5.5	80	20	410	80	250	280	314	355	180	559	30	4	49	338	G1	93
		KN2-505CE7.5	7.5	125	20	410	80	250	280	314	355	180	621	30	-23	49	350	G1	108
65	50	KN2-655CE3.7	3.7	100	20	340	70	200	280	314	335	170	518	10	16	53	302	G3/4	74
		KN2-655CE5.5	5.5	100	20	460	105	250	315	349	390	200	579	45	-12	67	358	G1	98
		KN2-655CE7.5	7.5	100	20	460	105	250	315	349	390	200	596	45	-38	67	370	G1	111

Note] <-> shows reverse direction to the drawing in this table.

60Hz

unit: mm KN (2)-C/Hd/602 E

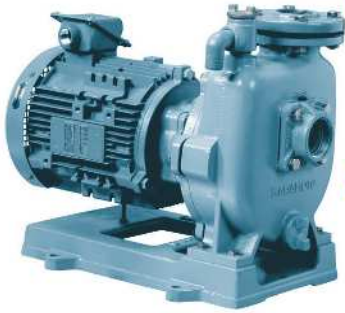
Suction Bore mm	Discharge bore mm	Model	Motor kW	Pump SC	Base						Combinations							Mass kg	
					BI	BL	BA	BM	BP	BW	DH	SH	TL	AD	ZF1	ZF2	ZH		Z
32	32	KN2-326-C0.4S	0.4	65	18	250	110	—	160	200	278	143	415	75	101	30	237	—	30
		KN-326-CN0.4T	0.4	65	18	250	110	—	160	200	278	143	366	75	130	30	239	—	28
		KN326CE0.75	0.75	65	18	250	110	—	160	200	278	143	421	75	106	26	235	G3/4	33
		KN2-326CE1.5	1.5	65	18	250	110	—	160	200	278	143	461	75	156	-7	263	G3/4	39
		KN2-326CE2.2	2.2	105	18	320	160	—	210	260	305	150	493	115	121	18	282	G3/4	57
40	32	KN406CE0.75	0.75	80	20	340	70	200	250	284	305	160	425	20	-50	71	252	G3/4	38
		KN2-406CE1.5	1.5	80	18	250	125	—	180	230	288	143	466	80	141	3	263	G3/4	40
		KN2-406CE2.2	2.2	80	18	250	125	—	180	230	288	143	458	80	146	3	275	G3/4	46
		KN2-406CE3.7	3.7	80	20	340	70	200	280	314	340	170	498	20	6	53	302	G3/4	70
		KN2-406CE5.5	5.5	80	20	410	80	250	280	314	340	170	559	30	4	49	328	G1	87
50	40	KN2-506CE1.5	1.5	80	18	320	160	—	210	260	305	150	466	115	106	18	270	G3/4	42
		KN2-506CE2.2	2.2	80	18	320	160	—	210	260	305	150	458	115	111	18	282	G3/4	48
		KN2-506CE3.7	3.7	80	20	340	70	200	280	314	317	162	498	20	6	53	294	G3/4	72
		KN2-506CE5.5	5.5	80	20	410	80	250	280	314	355	180	559	30	4	49	338	G1	93
		KN2-506CE7.5	7.5	80	20	410	80	250	280	314	355	180	576	30	-23	49	350	G1	101
65	50	KN2-656CE3.7	3.7	100	20	340	70	200	280	314	335	170	518	10	16	53	302	G3/4	74
		KN2-656CE5.5	5.5	100	20	460	105	250	315	349	390	200	579	45	-12	67	358	G1	98
		KN2-656CE7.5	7.5	100	20	460	105	250	315	349	390	200	596	45	-38	67	370	G1	110

Note] <-> shows reverse direction to the drawing in this table.

GS²₃-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

Maximum back pressure

0.1 MPa

Maximum suction total head (20°C)

Model	Maximum total suction head
GS2-25 ⁵ ₆ -C0.25 ^S _T	-5m
GS2-32 ⁵ ₆ -C0.25 ^S _T	-4.5m
GS2-405-C0.4 ^S _T	-5m
Others	-6m

Standard specifications

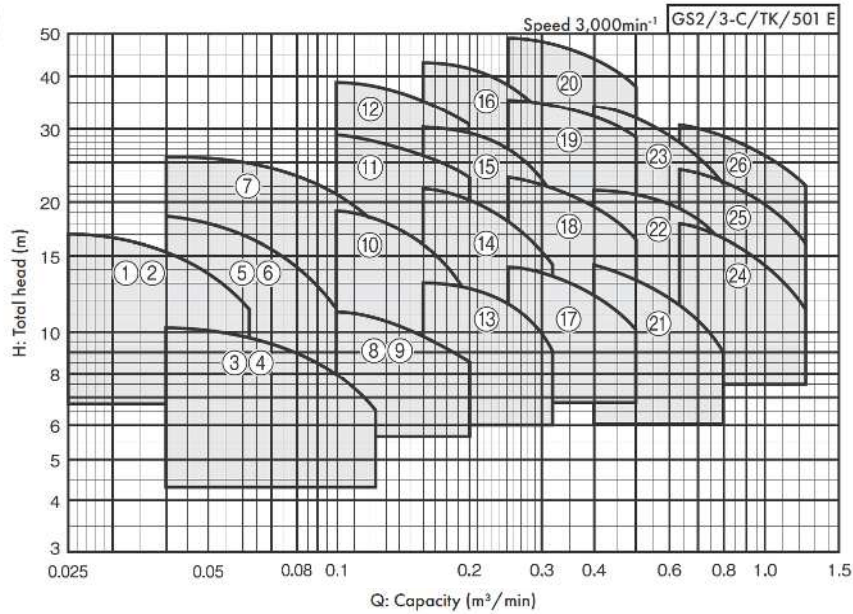
- Liquid Clean water 0~45°C (No freezing)
- Materials Impeller Cast iron, Bronze, or Resin
Shaft SUS304 (Wetted part)
Casing Cast iron
- Shaft sealing Mechanical seal (Ceramic x Carbon)
- Motor TEFC outdoor.
The pump should be installed indoor
Single phase (Only 0.4kW or less)
Three phase

Standard accessories

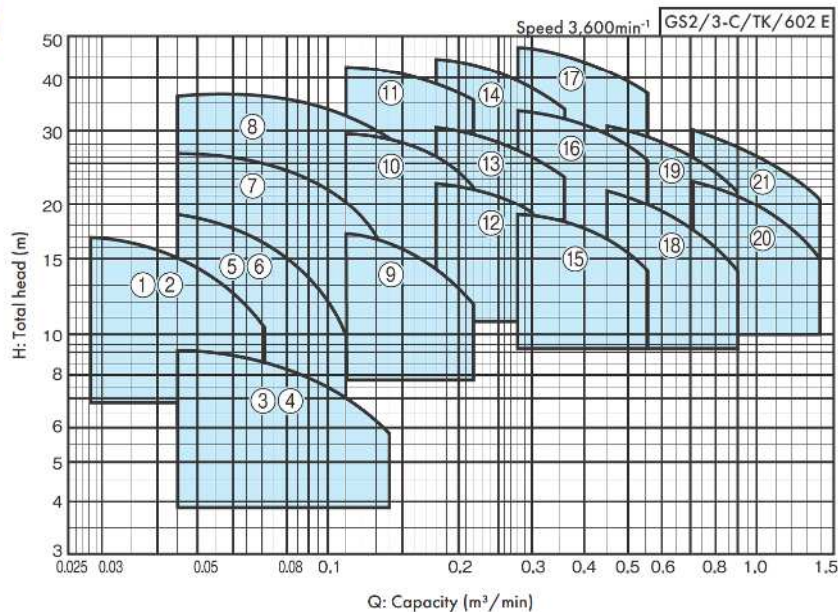
Base, Stainer, Companion flange,
Priming and exhaust valve (except bore 25mm and 32mm models)

Selection chart

50Hz



60Hz



Selection table

50Hz

								GS2/3-C/SI/502 E	
Bore mm	Ref.	Model	Motor kW	Standard specifications				Vibration isolator application table	
				Capacity L/min	Total head m	Capacity L/min	Total head m		
25	1	GS2-255-C0.25S	0.25 *	0.025	17	0.063	11.5	QRE-01A	PX-60Z
	2	GS2-255-C0.25T	0.25	0.025	17	0.063	11.5	QRE-01A	PX-60Z
32	3	GS2-325-C0.25S	0.25 *	0.04	10.2	0.125	6.5	QRE-01A	PX-60Z
	4	GS2-325-C0.25T	0.25	0.04	10.2	0.125	6.5	QRE-01A	PX-60Z
	5	GS2-325-C0.4S	0.4 *	0.04	18.8	0.1	11.5	QRE-01A	PX-60Z
	6	GS2-325-C0.4T	0.4	0.04	18.8	0.1	11.5	QRE-01A	PX-60Z
	7	GS3-325CE0.75	0.75	0.04	25.5	0.125	18	QRE-01A	PX-60Z
40	8	GS2-405-C0.4S	0.4 *	0.1	11.2	0.2	8.5	QRE-01A	PX-60Z
	9	GS2-405-C0.4T	0.4	0.1	11.2	0.2	8.5	QRE-01A	PX-60Z
	10	GS3-405CE0.75	0.75	0.1	19	0.2	12	QRE-01A	PX-60Z
	11	GS3-405CE1.5	1.5	0.1	29	0.2	23	QRE-01A	PX-60Z
	12	GS3-405CE2.2	2.2	0.1	38.5	0.2	30.5	QRE-01A	PX-60Z
50	13	GS3-505CE0.75	0.75	0.16	13	0.32	9.2	QRE-01A	PX-60Z
	14	GS3-505CE1.5	1.5	0.16	21.5	0.32	14.5	QRE-01A	PX-60Z
	15	GS3-505CE2.2	2.2	0.16	30.5	0.32	21.5	QRE-01A	PX-60Z
	16	GS3-505CE3.7	3.7	0.16	43	0.32	32	QRE-01A	PX-60Z
65	17	GS3-655CE1.5	1.5	0.25	14.2	0.5	10.2	QRE-01A	PX-60Z
	18	GS3-655CE2.2	2.2	0.25	23	0.5	16.5	QRE-01A	PX-60Z
	19	GS3-655CE3.7	3.7	0.25	35.5	0.5	28.5	QRE-02A	PX-85Z
80	20	GS3-655CE5.5	5.5	0.25	49	0.5	38	QRE-02A	PX-85Z
	21	GS3-805CE2.2	2.2	0.4	14.2	0.8	9	QRE-01A	PX-60Z
	22	GS3-805CE3.7	3.7	0.4	21.5	0.8	16.5	QRE-01A	PX-60Z
100	23	GS3-805CE5.5	5.5	0.4	34.5	0.8	22	QRE-03A	PX-85Z
	24	GS3-1005CE3.7	3.7	0.63	17.8	1.25	11.5	QRE-03A	PX-85Z
	25	GS3-1005CE5.5	5.5	0.63	24	1.25	16.5	QRE-03A	PX-85Z
	26	GS3-1005CE7.5	7.5	0.63	30.5	1.25	22	QRE-03A	PX-85Z

*1 Single phase 100V

60Hz

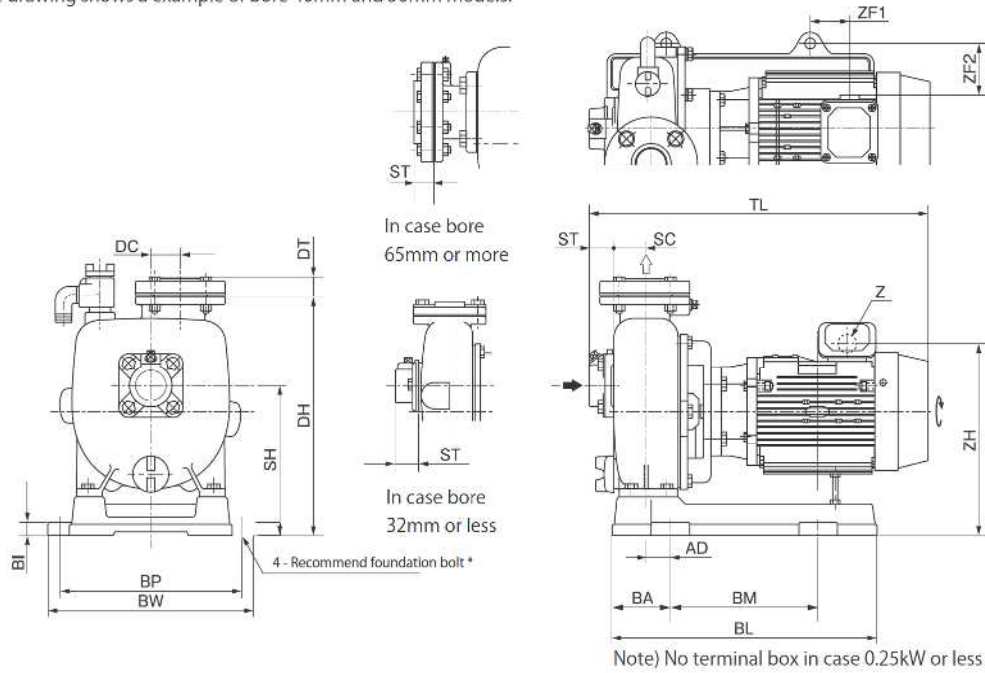
								GS2/3-C/SI/603 E	
Bore mm	Ref.	Model	Motor kW	Standard specifications				Vibration isolator application table	
				Capacity L/min	Total head m	Capacity L/min	Total head m		
25	1	GS2-256-C0.25S	0.25 *	0.028	17	0.071	10.2	QRE-01A	PX-60Z
	2	GS2-256-C0.25T	0.25	0.028	17	0.071	10.2	QRE-01A	PX-60Z
32	3	GS2-326-C0.25S	0.25 *	0.045	9.2	0.14	5.8	QRE-01A	PX-60Z
	4	GS2-326-C0.25T	0.25	0.045	9.2	0.14	5.8	QRE-01A	PX-60Z
	5	GS2-326-C0.4S	0.4 *	0.045	19	0.11	10	QRE-01A	PX-60Z
	6	GS2-326-C0.4T	0.4	0.045	19	0.11	10	QRE-01A	PX-60Z
	7	GS3-326CE0.75	0.75	0.045	26.5	0.14	15	QRE-01A	PX-60Z
	8	GS3-326CE1.5	1.5	0.045	36.5	0.16	25	QRE-01A	PX-60Z
40	9	GS3-406CE0.75	0.75	0.11	17.2	0.22	11.8	QRE-01A	PX-60Z
	10	GS3-406CE1.5	1.5	0.11	29.5	0.22	22	QRE-01A	PX-60Z
	11	GS3-406CE2.2	2.2	0.11	42	0.22	35	QRE-01A	PX-60Z
50	12	GS3-506CE1.5	1.5	0.18	22.5	0.36	16.2	QRE-01A	PX-60Z
	13	GS3-506CE2.2	2.2	0.18	30.5	0.36	23	QRE-01A	PX-60Z
	14	GS3-506CE3.7	3.7	0.18	44	0.36	33	QRE-01A	PX-60Z
65	15	GS3-656CE2.2	2.2	0.28	19.2	0.56	14.2	QRE-01A	PX-60Z
	16	GS3-656CE3.7	3.7	0.28	33.5	0.56	25.5	QRE-01A	PX-60Z
	17	GS3-656CE5.5	5.5	0.28	47	0.56	37	QRE-02A	PX-85Z
80	18	GS3-806CE3.7	3.7	0.45	21.5	0.9	14	QRE-01A	PX-60Z
	19	GS3-806CE5.5	5.5	0.45	30.5	0.9	21.5	QRE-03A	PX-85Z
100	20	GS3-1006CE5.5	5.5	0.71	22.5	1.4	15	QRE-03A	PX-85Z
	21	GS3-1006CE7.5	7.5	0.71	30	1.4	20.5	QRE-03A	PX-85Z

*1 Single phase 100V

GS₃²-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.



* Foundation bolts are optional accessories. If you need them, please buy yourself.

• Recommend foundation bolt size:

50Hz: M12 x 160 (Bore 65mm 3.7kW or more, Bore 80mm 5.5kW, and Bore 100mm: M16 x 200)

60Hz: M12 x 160 (5.5kW or more: M16 x 200)

GS2/3-C/D/001 E

50Hz

Bore mm	Model	Motor kW	Impeller material	unit: mm																	Mass kg	
				Pump				Base				Combinations										
				SC	DC	ST	DT	BI	BL	BA	BM	BP	BW	DH	SH	TL	AD	ZF1	ZF2	ZH	Z	
25	GS2-255-C0.25S	0.25	Resin	37	40	43	25	15	280	56	170	250	284	260	165	407	10	-2	71	227	φ16	24
	GS2-255-C0.25T	0.25		37	40	43	25	15	280	56	170	250	284	260	165	407	10	-2	71	225	φ16	20
32	GS2-325-C0.25S	0.25	CAC406	50	30	38	23	15	280	55	170	210	244	250	165	413	15	5	51	212	φ16	23
	GS2-325-C0.25T	0.25		50	30	38	23	15	280	55	170	210	244	250	165	413	15	5	51	210	φ16	19
	GS2-325-C0.4S	0.4		40	40	38	23	20	357	69	200	250	284	305	190	408	12	27	71	247	φ16	30
	GS2-325-C0.4T	0.4		40	40	38	23	20	357	69	200	250	284	305	190	408	12	27	71	245	φ16	26
	GS3-325CE0.75	0.75		50	40	38	23	20	357	69	200	250	284	327	212	465	5	65	62	289	G3/4	40
40	GS2-405-C0.4S	0.4	FC	55	35	38	25	20	357	69	200	250	284	327	212	426	2	14	71	259	φ16	33
	GS2-405-C0.4T	0.4		55	35	38	25	20	357	69	200	250	284	327	212	426	2	14	71	257	φ16	32
	GS3-405CE0.75	0.75		55	35	38	25	20	357	69	200	250	284	327	212	467	2	65	62	289	G3/4	40
	GS3-405CE1.5	1.5		50	50	38	25	20	398	74	250	280	314	377	232	493	13	19	80	316	G3/4	53
	GS3-405CE2.2	2.2		50	50	38	25	20	450	100	250	310	344	400	245	517	38	18	95	329	G3/4	60
50	GS3-505CE0.75	0.75	FC	65	40	38	27	20	357	69	200	250	284	327	217	484	7	67	62	289	G3/4	42
	GS3-505CE1.5	1.5		65	40	38	27	20	357	69	200	250	284	327	217	502	7	69	65	296	G3/4	47
	GS3-505CE2.2	2.2		55	50	38	27	20	398	74	250	280	314	377	237	527	18	43	80	316	G3/4	57
	GS3-505CE3.7	3.7		55	50	38	27	20	450	100	250	310	344	400	250	552	43	75	92	357	G3/4	72
	GS3-655CE1.5	1.5		143	52	31	31	20	398	74	250	280	314	397	247	553	-7	44	80	316	G3/4	61
65	GS3-655CE2.2	2.2	FC	143	52	31	31	20	398	74	250	280	314	397	247	577	-7	68	80	316	G3/4	65
	GS3-655CE3.7	3.7		143	55	31	31	25	531	101	320	360	404	460	285	603	17	31	117	382	G3/4	81
	GS3-655CE5.5	5.5		143	55	31	31	25	531	101	320	360	404	460	285	682	17	48	69	432	G1 1/2	123
	GS3-805CE2.2	2.2		168	50	33	33	20	398	74	250	280	314	417	252	612	3	68	80	316	G3/4	67
80	GS3-805CE3.7	3.7	FC	168	50	33	33	20	398	74	250	280	314	417	252	637	3	125	77	344	G3/4	78
	GS3-805CE5.5	5.5		168	50	33	33	25	531	101	320	360	404	480	290	717	27	48	69	432	G1 1/2	130
	GS3-1005CE3.7	3.7		183	60	39	39	25	531	101	320	360	404	480	300	658	5	58	117	382	G3/4	112
100	GS3-1005CE5.5	5.5	FC	183	60	39	39	25	531	101	320	360	404	480	300	737	5	75	69	432	G1 1/2	138
	GS3-1005CE7.5	7.5		183	60	39	39	25	531	101	320	360	404	480	300	737	5	75	69	432	G1 1/2	141

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

60Hz

Bore mm	Model	Motor kW	Impeller material	unit: mm																	Mass kg	
				Pump				Base				Combinations										
				SC	DC	ST	DT	BI	BL	BA	BM	BP	BW	DH	SH	TL	AD	ZF1	ZF2	ZH	Z	
25	GS2-256-C0.25S	0.25	Resin	37	40	43	25	15	280	56	170	250	284	260	165	407	10	-2	71	227	φ16	24
	GS2-256-C0.25T	0.25		37	40	43	25	15	280	56	170	250	284	260	165	407	10	-2	71	225	φ16	20
32	GS2-326-C0.25S	0.25	CAC406	50	30	38	23	15	280	55	170	210	244	250	165	413	15	5	51	212	φ16	23
	GS2-326-C0.25T	0.25		50	30	38	23	15	280	55	170	210	244	250	165	413	15	5	51	210	φ16	19
	GS2-326-C0.4S	0.4	Resin	40	40	38	23	20	357	69	200	250	284	305	190	408	12	27	71	247	φ16	30
	GS2-326-C0.4T	0.4		40	40	38	23	20	357	69	200	250	284	305	190	408	12	27	71	245	φ16	26
	GS3-326CE0.75	0.75	CAC406	50	40	38	23	20	357	69	200	250	284	327	212	465	5	65	62	289	G3/4	40
	GS3-326CE1.5	1.5		50	40	38	23	20	357	69	200	250	284	327	212	465	5	69	65	296	G3/4	45
40	GS3-406CE0.75	0.75	FC	55	35	38	25	20	357	69	200	250	284	327	212	469	2	67	62	289	G3/4	40
	GS3-406CE1.5	1.5		55	35	38	25	20	357	69	200	250	284	327	212	487	2	69	65	296	G3/4	45
	GS3-406CE2.2	2.2	CAC406	50	50	38	25	20	398	74	250	280	314	377	232	517	13	43	80	316	G3/4	56
50	GS3-506CE1.5	1.5	FC	65	40	38	27	20	357	69	200	250	284	327	217	504	7	71	65	296	G3/4	47
	GS3-506CE2.2	2.2		65	40	38	27	20	357	69	200	250	284	327	217	526	7	93	65	296	G3/4	49
	GS3-506CE3.7	3.7		55	50	38	27	20	398	74	250	280	314	377	237	552	18	100	77	344	G3/4	69
65	GS3-656CE2.2	2.2	FC	143	52	31	31	20	398	74	250	280	314	397	247	577	-7	68	80	316	G3/4	64
	GS3-656CE3.7	3.7		143	52	31	31	20	398	74	250	280	314	397	247	602	-7	125	77	344	G3/4	74
	GS3-656CE5.5	5.5		143	55	31	31	25	531	101	320	360	404	460	285	682	17	48	69	432	G1 1/2	122
80	GS3-806CE3.7	3.7	FC	168	50	33	33	20	398	74	250	280	314	417	252	637	3	125	77	344	G3/4	78
	GS3-806CE5.5	5.5		168	50	33	33	25	531	101	320	360	404	480	290	717	27	48	69	432	G1 1/2	130
100	GS3-1006CE5.5	5.5	FC	183	60	39	39	25	531	101	320	360	404	480	300	737	5	75	69	432	G1 1/2	137
	GS3-1006CE7.5	7.5		183	60	39	39	25	531	101	320	360	404	480	300	737	5	75	69	432	G1 1/2	141

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

Compact multi-stage

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



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 (No freezing)
- Materials Impeller Resin or Bronze
Shaft SUS304 (Wetted part)
Casing Cast iron + Nylon coating
- Shaft Mechanical seal (Ceramic x Carbon)
- Motor TEFC outdoor.
Single phase, Three phase

Standard accessories

Base, Thermostat, Companion flanges

Maximum back pressure

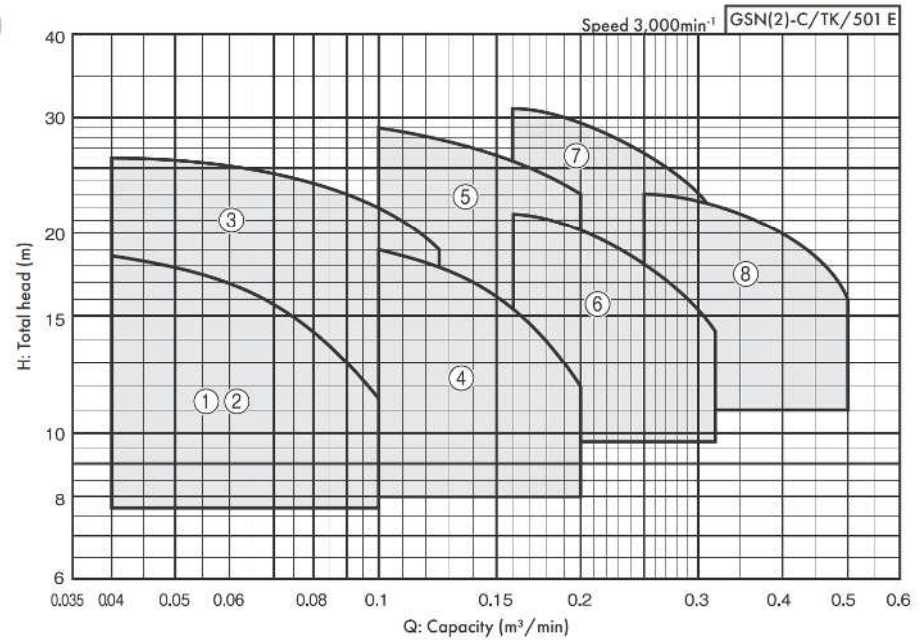
0.1 MPa

Maximum suction total head (20°C)

-6m

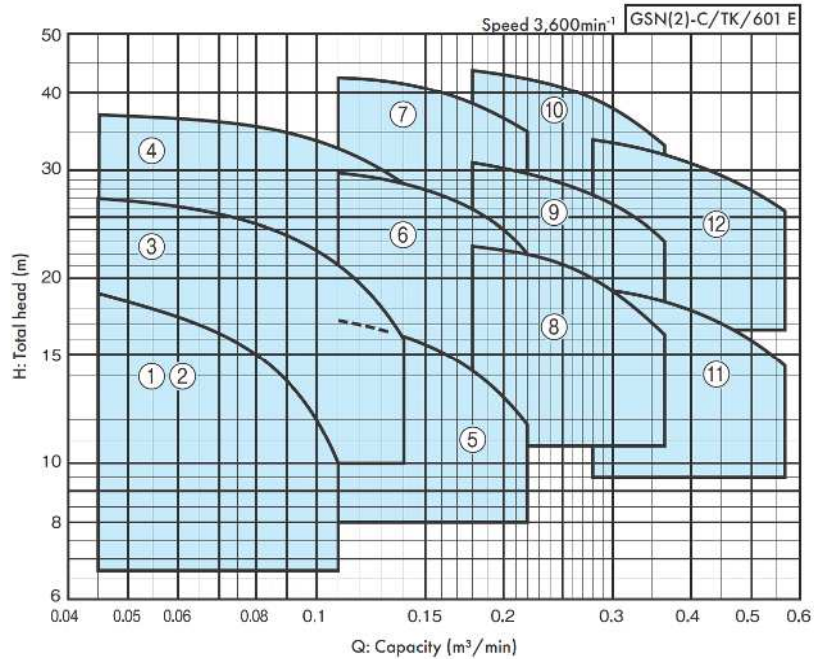
Selection chart

50Hz



GSN(2)-C Type

Selection chart



Selection table

50Hz

Bore mm	Ref.	Model	Motor kW	Standard specifications				GSN(2)-C/SI/501 E	
				Capacity L/min	Total head m	Capacity L/min	Total head m	Vibration isolator application table	
32	1	GSN-325-C0.4S	0.4 *	0.04	18.8	0.1	11.5	QRE-01A	PX-60Z
	2	GSN-325-C0.4T	0.4	0.04	18.8	0.1	11.5	QRE-01A	PX-60Z
	3	GSN2-325CE0.75	0.75	0.04	26	0.125	19	QRE-01A	PX-60Z
40	4	GSN2-405CE0.75	0.75	0.1	19	0.2	12	QRE-01A	PX-60Z
	5	GSN2-405CE1.5	1.5	0.1	29	0.2	23	QRE-01A	PX-60Z
50	6	GSN2-505CE1.5	1.5	0.16	21.5	0.32	14.5	QRE-01A	PX-60Z
	7	GSN2-505CE2.2	2.2	0.16	30.5	0.32	21.5	QRE-01A	PX-60Z
65	8	GSN2-655CE2.2	2.2	0.25	23	0.5	16.5	QRE-01A	PX-60Z

* 1 Single phase 100V

60Hz

Bore mm	Ref.	Model	Motor kW	Standard specifications				GSN(2)-C/SI/602 E	
				Capacity L/min	Total head m	Capacity L/min	Total head m	Vibration isolator application table	
32	1	GSN-326-C0.4S	0.4 *	0.045	19	0.11	10	QRE-01A	PX-60Z
	2	GSN-326-C0.4T	0.4	0.045	19	0.11	10	QRE-01A	PX-60Z
	3	GSN2-326CE0.75	0.75	0.045	27	0.14	16	QRE-01A	PX-60Z
	4	GSN2-326CE1.5	1.5	0.045	36.5	0.16	25	QRE-01A	PX-60Z
40	5	GSN2-406CE0.75	0.75	0.11	17.2	0.22	11.8	QRE-01A	PX-60Z
	6	GSN2-406CE1.5	1.5	0.11	29.5	0.22	22	QRE-01A	PX-60Z
	7	GSN2-406CE2.2	2.2	0.11	42	0.22	35	QRE-01A	PX-60Z
50	8	GSN2-506CE1.5	1.5	0.18	22.5	0.36	16.2	QRE-01A	PX-60Z
	9	GSN2-506CE2.2	2.2	0.18	30.5	0.36	23	QRE-01A	PX-60Z
	10	GSN2-506CE3.7	3.7	0.18	44	0.36	33	QRE-01A	PX-60Z
65	11	GSN2-656CE2.2	2.2	0.28	19.2	0.56	14.2	QRE-01A	PX-60Z
	12	GSN2-656CE3.7	3.7	0.28	33.5	0.56	25.5	QRE-01A	PX-60Z

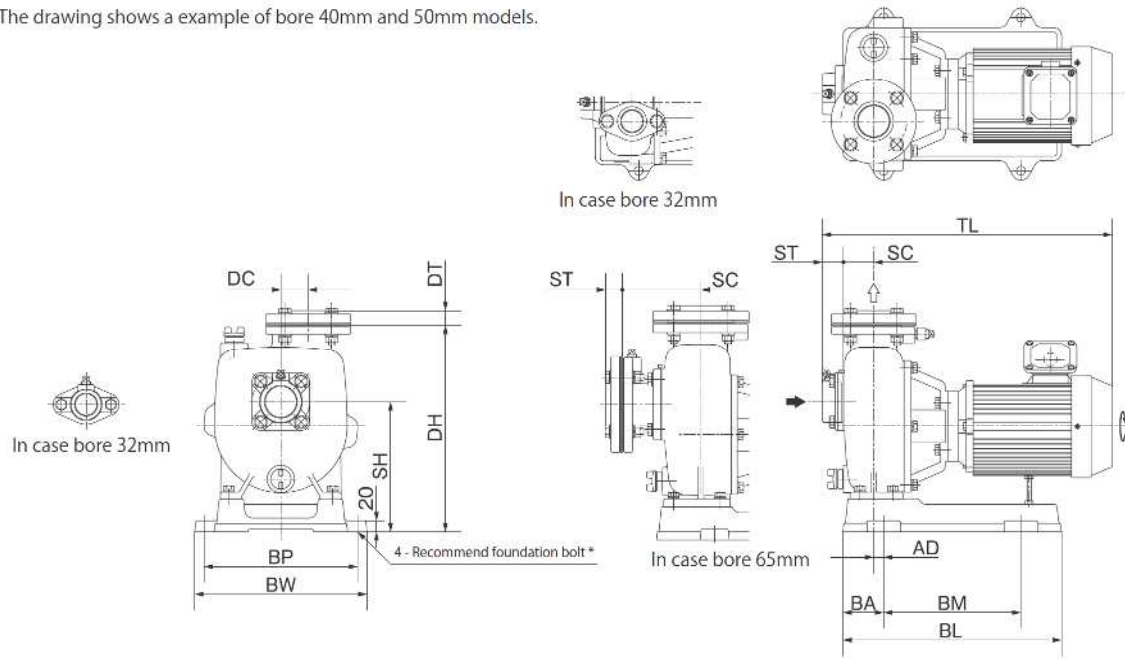
* 1 Single phase 100V

GSN(2)-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.



- * Foundation bolts are optional accessories. If you need them, please buy yourself.
- Recommend foundation bolt size: M12 x 160

GSN(2)-C/D/001 E

50Hz

Bore mm	Model	Motor kW	Pump				Pump				Combinations				Mass kg	
			SC	DC	ST	DT	BL	BA	BM	BP	BW	DH	SH	TL		AD
32	GSN-325-C0.4S	0.4	40	40	38	23	357	69	200	250	284	305	190	408	12	29
	GSN-325-C0.4T	0.4	40	40	38	23	357	69	200	250	284	305	190	408	12	24
	GSN2-325CE0.75	0.75	50	40	38	23	357	69	200	250	284	327	212	465	5	40
40	GSN2-405CE0.75	0.75	55	35	38	25	357	69	200	250	284	327	212	467	2	40
	GSN2-405CE1.5	1.5	50	50	38	25	398	74	250	280	314	377	232	493	13	53
50	GSN2-505CE1.5	1.5	65	40	38	27	357	69	200	250	284	327	217	502	7	47
	GSN2-505CE2.2	2.2	55	50	38	27	398	74	250	280	314	377	237	527	18	57
65	GSN2-655CE2.2	2.2	143	52	31	31	398	74	250	280	314	397	247	608	-7	65

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

60Hz

Bore mm	Model	Motor kW	Pump				Pump				Combinations				Mass kg	
			SC	DC	ST	DT	BL	BA	BM	BP	BW	DH	SH	TL		AD
32	GSN-326-C0.4S	0.4	40	40	38	23	357	69	200	250	284	305	190	408	12	29
	GSN-326-C0.4T	0.4	40	40	38	23	357	69	200	250	284	305	190	408	12	24
	GSN2-326CE0.75	0.75	50	40	38	23	357	69	200	250	284	327	212	465	5	40
	GSN2-326CE1.5	1.5	50	40	38	23	357	69	200	250	284	327	212	485	5	45
40	GSN2-406CE0.75	0.75	55	35	38	25	357	69	200	250	284	327	212	469	2	40
	GSN2-406CE1.5	1.5	55	35	38	25	357	69	200	250	284	327	212	487	2	45
	GSN2-406CE2.2	2.2	50	50	38	25	398	74	250	280	314	377	232	517	13	56
50	GSN2-506CE1.5	1.5	65	40	38	27	357	69	200	250	284	327	217	504	7	47
	GSN2-506CE2.2	2.2	65	40	38	27	357	69	200	250	284	327	217	526	7	49
	GSN2-506CE3.7	3.7	55	50	38	27	398	74	250	280	314	377	237	552	18	69
65	GSN2-656CE2.2	2.2	143	52	31	31	398	74	250	280	314	397	247	608	-7	64
	GSN2-656CE3.7	3.7	143	52	31	31	398	74	250	280	314	397	247	633	-7	74

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

GSS3 -C Type Stainless steel self-priming turbine pump 2 pole



Application



Features

- Superior corrosion resistance according to all stainless steel materials 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

Maximum suction total head (20°C)

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

Standard specifications

- Liquid Clean water 0~90°C (No freezing)
- Materials Impeller SCS13
Shaft SUS304
Casing SCS13
- Motor TEFC outdoor.
(0.4kW models is Open drip proof type)
Three phase

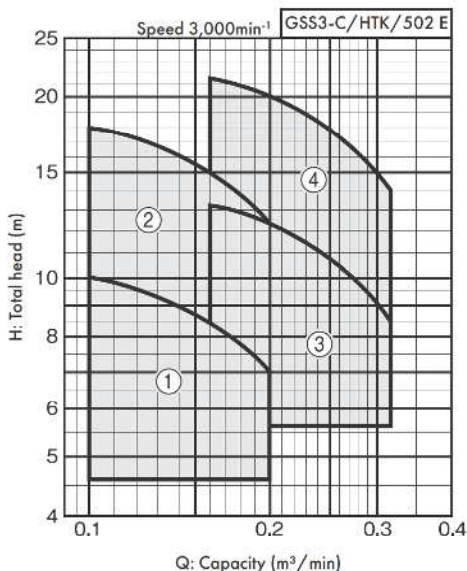
Note) SCS13 is stainless casting steel.
Equivalent to SUS304

Standard accessories

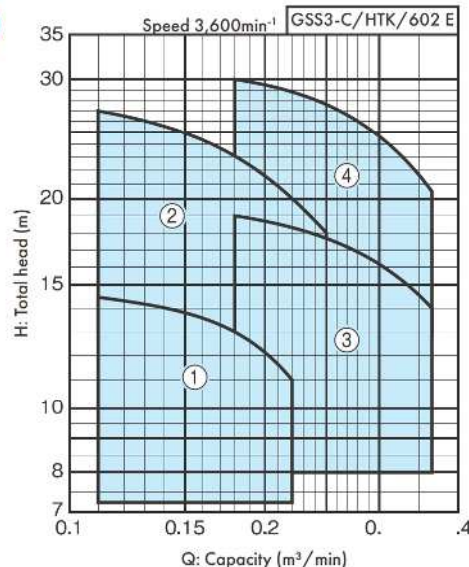
Base, Companion flanges (bolts & nuts)

Selection chart

50Hz



60Hz



Selection table

50Hz

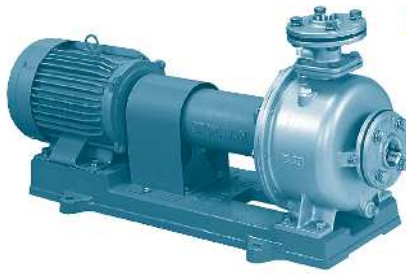
Bore mm	Ref.	Model	Motor kW	Standard specifications				Vibration isolator application table
				Capacity L/min	Total head m	Capacity L/min	Total head m	
40	1	GSS-405-C0.4	0.4	0.1	10	0.2	7	QRE-01A
	2	GSS3-405CE0.75	0.75	0.1	17.8	0.2	12.2	QRE-01A
50	3	GSS3-505CE0.75	0.75	0.16	13.2	0.32	8.5	QRE-01A
	4	GSS3-505CE1.5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

60Hz

Bore mm	Ref.	Model	Motor kW	Standard specifications				Vibration isolator application table
				Capacity L/min	Total head m	Capacity L/min	Total head 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	QRE-01A
50	3	GSS3-506CE1.5	1.5	0.18	19	0.36	14	QRE-01A
	4	GSS3-506CE2.2	2.2	0.18	30	0.36	20.5	QRE-01A

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

Maximum suction total head (20°C)

-6m

Standard specifications

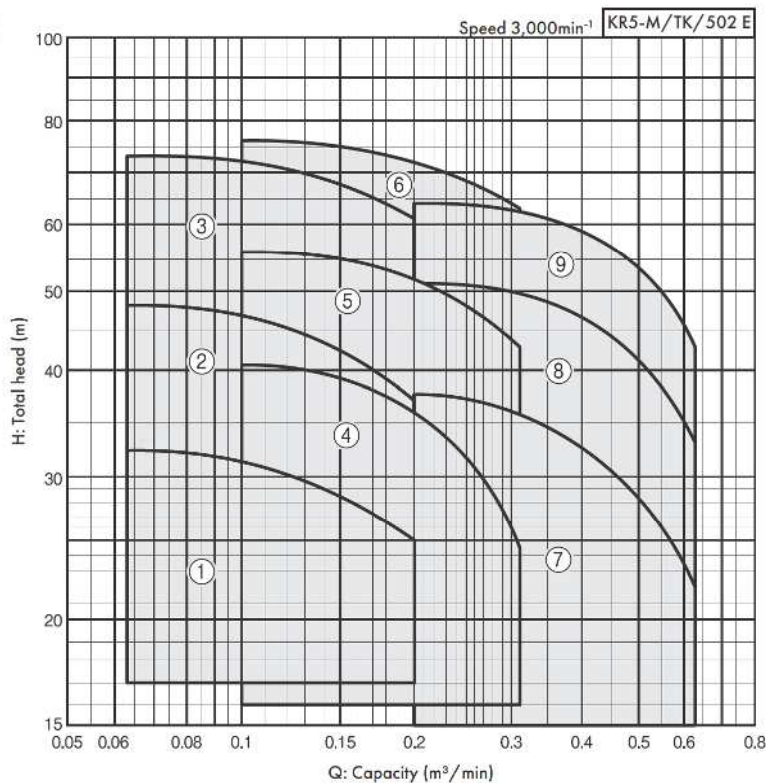
- Liquid Clean water 0~90°C (No freezing)
 - Materials Impeller SCS13
Shaft SUS304 (Wetted part)
Casing SCS13
 - Shaft Mechanical seal (Ceramic x Carbon)
 - Motor TEFC indoor.
Three phase
 - Flange Exclusive flange
- Note) SCS13 is stainless casting steel.
Equivalent to SUS304

Maximum back pressure

(1 - The shut-off pressure) MPa

Selection chart

50Hz



Selection table

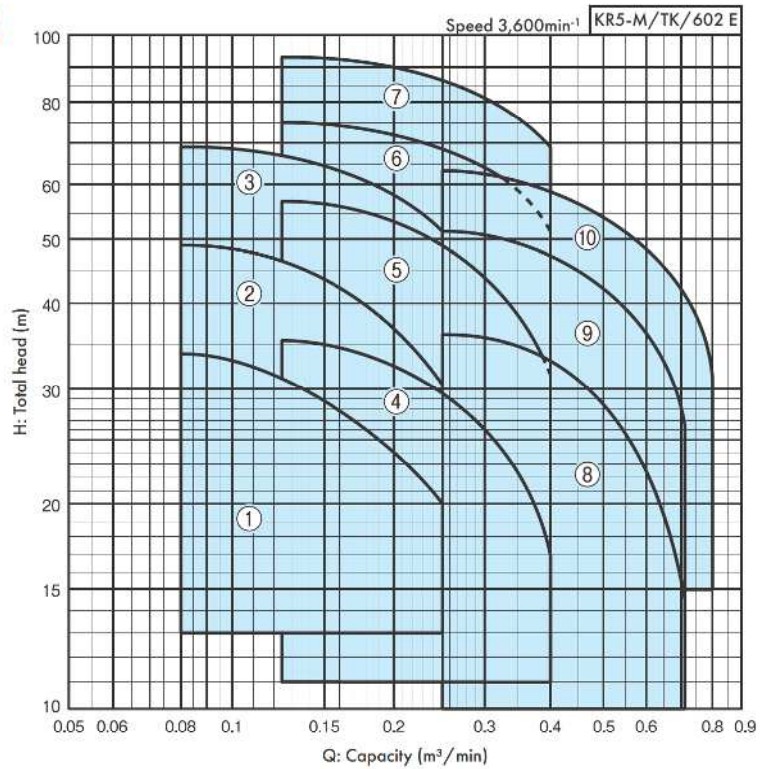
50Hz

Suction Bore mm	Discharge Bore mm	Ref.	Model	Motor kW	Standard specifications				Maximum back pressure MPa	KR5-M/SI/505 E	
					Capacity		Total head			Vibration isolator application table	
					L/min	m	L/min	m		QRE-04D	PX-95Z
40	40	1	KR5-405ME1.5	1.5	0.063	32.5	0.2	25	0.67	QRE-04D	PX-95Z
		2	KR5-405ME2.2	2.2	0.063	48	0.2	37.5	0.52	QRE-04D	PX-95Z
		3	KR5-405ME3.7	3.7	0.063	73.5	0.2	61	0.26	QRE-04D	PX-95Z
50	40	4	KR5-505ME2.2	2.2	0.1	40.5	0.315	24.5	0.59	QRE-04D	PX-95Z
		5	KR5-505ME3.7	3.7	0.1	56.5	0.315	43	0.43	QRE-04D	PX-95Z
		6	KR5-505ME5.5	5.5	0.1	75.5	0.315	63	0.25	QRE-04D	PX-95Z
65	50	7	KR5-655ME3.7	3.7	0.2	37.5	0.63	22	0.62	QRE-04D	PX-95Z
		8	KR5-655ME5.5	5.5	0.2	51	0.63	33	0.5	QRE-04D	PX-95Z
		9	KR5-655ME7.5	7.5	0.2	64.5	0.63	43	0.36	QRE-05D	PX-95Z

KR5-M Type

Selection chart

60Hz



Selection table

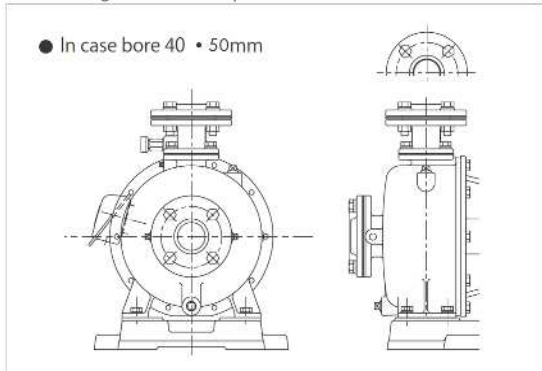
60Hz

Suction Bore mm	Discharge Bore mm	Ref.	Model	Motor kW	Standard specifications				Maximum back pressure MPa	Vibration isolator application table	
					Capacity	Total head	Capacity	Total head			
					L/min	m	L/min	m			
40	40	1	KR5-406ME1.5	1.5	0.08	33.5	0.25	20	0.65	QRE-04D	PX-95Z
		2	KR5-406ME2.2	2.2	0.08	49	0.25	30.5	0.49	QRE-04D	PX-95Z
		3	KR5-406ME3.7	3.7	0.08	69.5	0.25	52	0.3	QRE-04D	PX-95Z
50	40	4	KR5-506ME2.2	2.2	0.125	35.5	0.4	17	0.64	QRE-04D	PX-95Z
		5	KR5-506ME3.7	3.7	0.125	57	0.4	32	0.43	QRE-04D	PX-95Z
		6	KR5-506ME5.5	5.5	0.125	75	0.4	51.5	0.25	QRE-04D	PX-95Z
		7	KR5-506ME7.5	7.5	0.125	93.5	0.4	69.5	0.07	QRE-04D	PX-95Z
65	50	8	KR5-656ME3.7	3.7	0.25	36.5	0.71	14.5	0.62	QRE-04D	PX-95Z
		9	KR5-656ME5.5	5.5	0.25	52	0.71	26.5	0.47	QRE-04D	PX-95Z
		10	KR5-656ME7.5	7.5	0.25	63	0.8	32	0.36	QRE-05D	PX-95Z

KR5-M Type

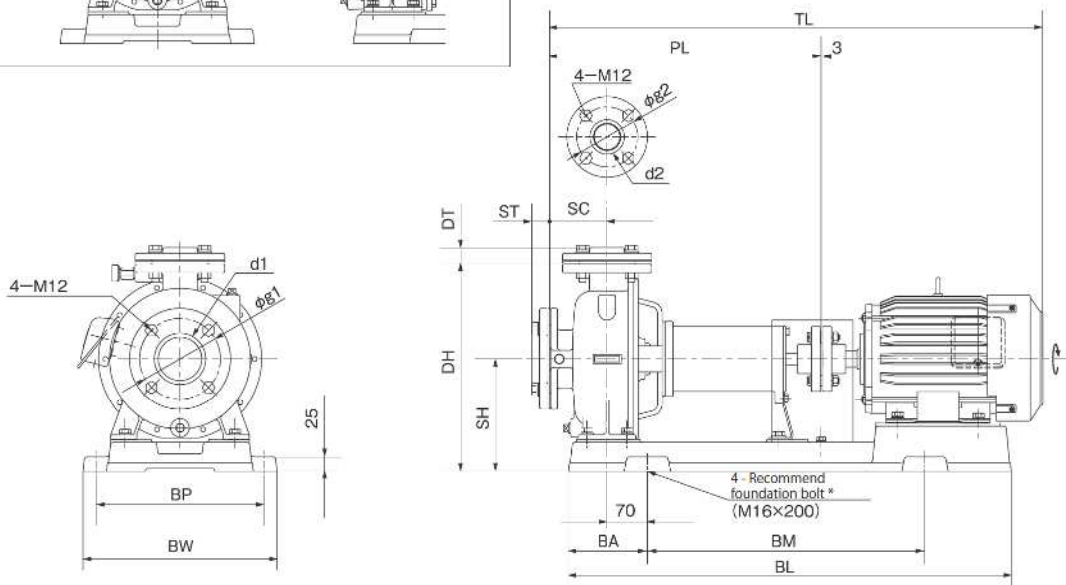
Outline dimension table Inquire specification sheets and drawings in case of actual work planing

The drawing shows a example of bore 65mm models.



Bore		Flange					
Suction	Discharge	d1	d2	g1	ST	DT	
40	40	Rc1 1/2	Rc1 1/2	105	105	25	25
50	40	Rc2	Rc1 1/2	120	105	27	25
65	50	Rc2 1/2	Rc2	140	120	31	27

unit: mm



* Foundation bolts are optional accessories. If you need them, please buy yourself. KR5-M/HD/003 E

50Hz

Suction bore mm	Discharge bore mm	Model	Motor kW	Pump		Base				Combinations			Mass kg	
				SC	PL	BL	BA	BM	BP	BW	DH	SH		TL
40	40	KR5-405ME1.5	1.5	60	444	766	137	480	290	336	365	180	759	66
		KR5-405ME2.2	2.2	102	486	766	137	480	290	336	365	180	801	69
		KR5-405ME3.7	3.7	105	490	766	137	480	290	336	398	195	874	93
50	40	KR5-505ME2.2	2.2	102	486	766	137	480	290	336	365	180	*801	72
		KR5-505ME3.7	3.7	102	486	766	137	480	290	336	380	195	870	88
		KR5-505ME5.5	5.5	105	480	819	138	540	350	396	428	225	933	117
65	50	KR5-655ME3.7	3.7	100	470	766	137	480	290	336	360	195	854	94
		KR5-655ME5.5	5.5	100	460	819	138	540	350	396	415	225	914	115
		KR5-655ME7.5	7.5	100	460	819	138	540	350	396	415	225	914	128

Note) The dimension on the table is not the edge of motor, but the edge of base.

60Hz

Suction bore mm	Discharge bore mm	Model	Motor kW	Pump		Base				Combinations			Mass kg	
				SC	PL	BL	BA	BM	BP	BW	DH	SH		TL
40	40	KR5-406ME1.5	1.5	60	444	766	137	480	290	336	365	180	759	66
		KR5-406ME2.2	2.2	102	486	766	137	480	290	336	365	180	801	69
		KR5-406ME3.7	3.7	102	486	766	137	480	290	336	380	195	870	88
50	40	KR5-506ME2.2	2.2	60	444	766	137	480	290	336	365	180	758	71
		KR5-506ME3.7	3.7	102	486	766	137	480	290	336	380	195	870	88
		KR5-506ME5.5	5.5	105	480	819	138	540	350	396	428	225	933	117
		KR5-506ME7.5	7.5	105	480	819	138	540	350	396	428	225	933	129
65	50	KR5-656ME3.7	3.7	100	470	766	137	480	290	336	360	195	854	94
		KR5-656ME5.5	5.5	100	460	819	138	540	350	396	415	225	914	115
		KR5-656ME7.5	7.5	100	460	819	138	540	350	396	415	225	914	128

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

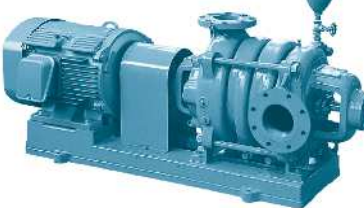
4 pole



T type



TN type



T-R type

Application



Features

- Less installation space according to simple and compact pump construction with light weight
- Other than standard 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°C)

Bore	Maximum total suction head
40 ~ 100mm	-6m
125 • 150mm	-5.5m
150mm	-4m (In case foot valve size 250mm)

Standard specifications

- Liquid Clean water 0~40°C (No freezing)
- Materials Impeller Bronze
Shaft SUS403 (T·TK)
SUS304 (T·TK)
Casing Cast iron (T·TK)
Cast iron + Nylon coating T·TK)
- Shaft sealing Gland packing
- Motor TEFC indoor.
Single phase, Three phase
- Flange Suction side: JIS 10K thin type
Discharge side: JIS 10K standard type

Standard accessories

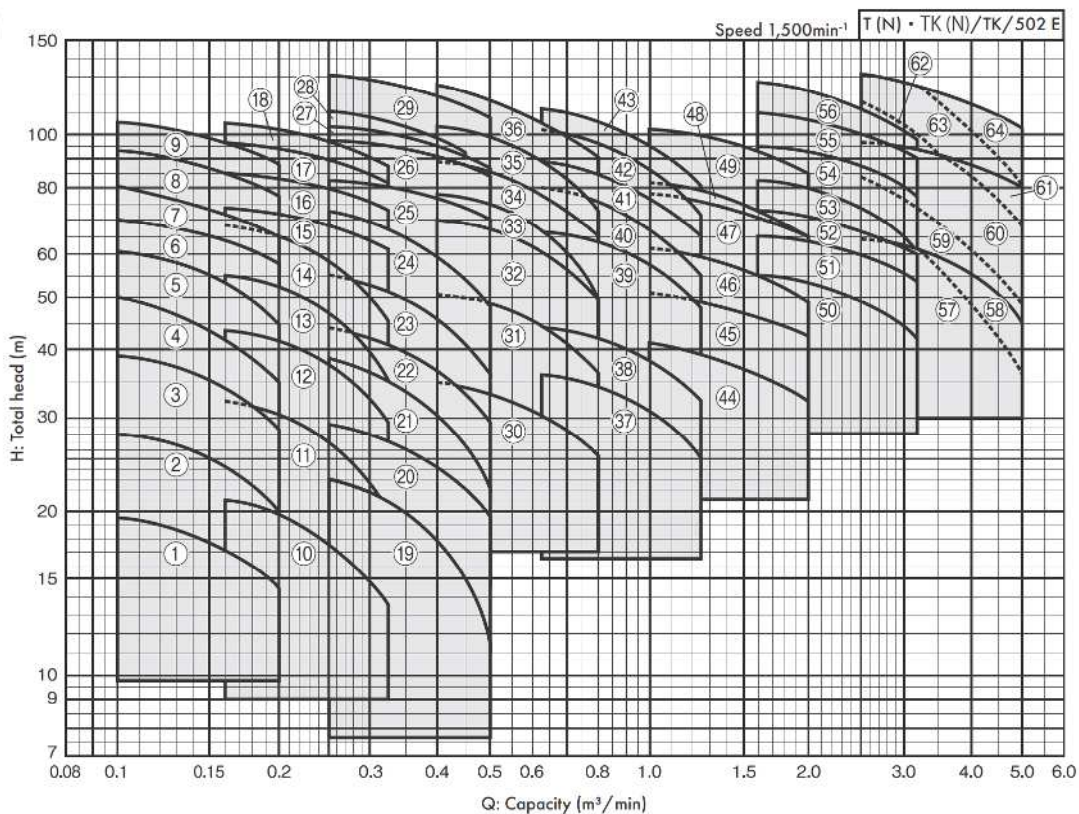
Motor, Base, Coupling, Exhaust valve, Coupling cover, Priming funnel, Priming valve

Variation

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

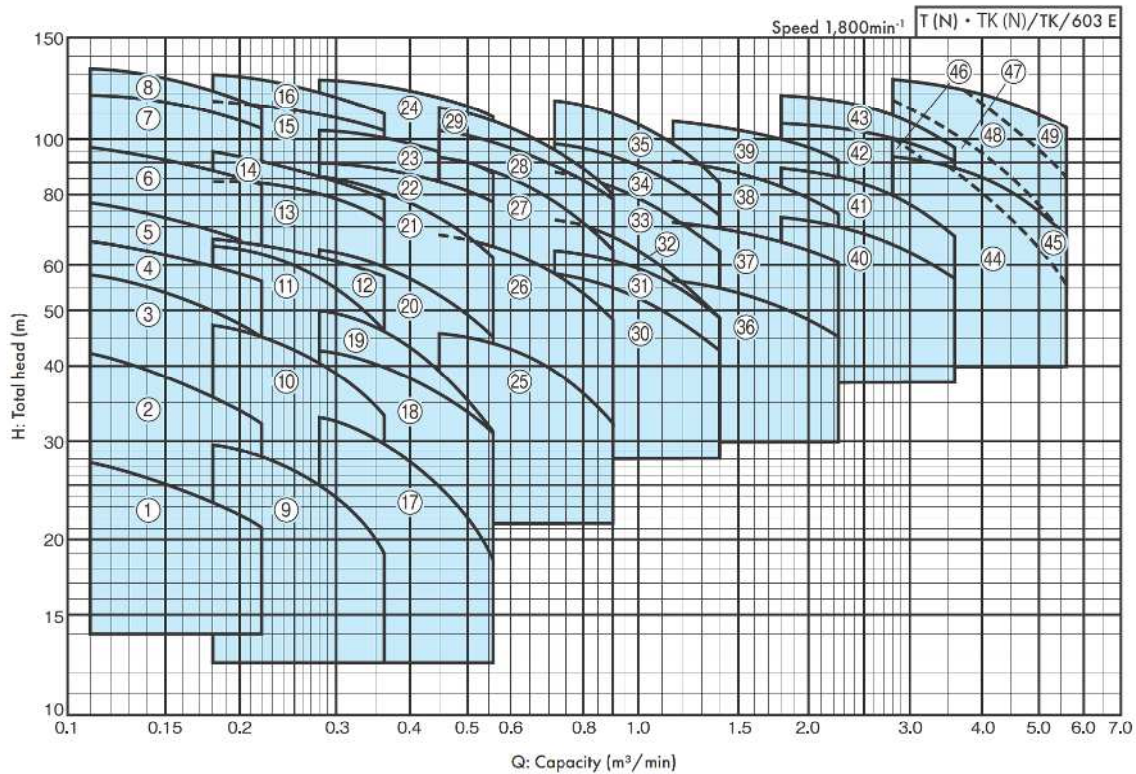
Selection chart

50Hz



T(N)·TK(N) Type

60Hz



Selection table

50Hz

Bore mm	Ref.	Model	TN TKN	Motor kW	Stages	Standard specifications				T (K) · TK (N)/HSI/513 E		
						Capacity		Total head		Maximum back pressure MPa	Vibration isolator application table	
						L/min	m	L/min	m			
40	1	T405X2ME1.5	○	1.5	2	0.1	19.5	0.2	14.5	0.2	QRE-02A	PX-85Z
	2	T405X3ME1.5	○	1.5	3	0.1	28	0.2	20	0.2	QRE-02A	PX-85Z
	3	T405X4ME2.2	○	2.2	4	0.1	39	0.2	28.5	0.2	QRE-04A	PX-95Z
	4	T405X5ME3.7	○	3.7	5	0.1	50	0.2	35	0.2	QRE-04A	PX-110Z
	5	T405X6ME3.7	○	3.7	6	0.1	60	0.2	44.5	0.2	QRE-05A	PX-110Z
	6	TK405X6ME3.7	○	3.7	6	0.1	70	0.2	58	0.2	QRE-07B	PX-120Z
	7	TK405X7ME3.7	○	3.7	7	0.1	80	0.2	64	0.2	QRE-07B	PX-120Z
	8	TK405X8ME5.5	○	5.5	8	0.1	93	0.2	77	0.2	QRE-07B	PX-130Z
	9	TK405X9ME5.5	○	5.5	9	0.1	105	0.2	88.5	0.049	QRE-11D	PX-S146Z
50	10	T505X2ME1.5	○	1.5	2	0.16	21	0.32	13.5	0.2	QRE-02A	PX-85Z
	11	T505X3ME2.2	○	2.2	3	0.16	32	0.32	20	0.2	QRE-04A	PX-95Z
	12	T505X4ME3.7	○	3.7	4	0.16	43	0.32	29	0.2	QRE-05A	PX-110Z
	13	T505X5ME3.7	○	3.7	5	0.16	55	0.32	35	0.2	QRE-05A	PX-110Z
	14	T505X6ME5.5	○	5.5	6	0.16	68	0.32	45	0.2	QRE-07B	PX-120Z
	15	TK505X6ME5.5	○	5.5	6	0.16	73	0.32	61	0.2	QRE-08B	PX-120Z
	16	TK505X7ME7.5	○	7.5	7	0.16	85	0.32	72	0.2	QRE-11D	PX-S146Z
	17	TK505X8ME7.5	○	7.5	8	0.16	97	0.32	81	0.098	QRE-11D	PX-S146Z
	18	TK505X9ME7.5	○	7.5	9	0.16	104	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 mm	Ref.	Model	TN TKN	Motor kW	Stages	Standard specifications				T (K) · TK (N)/HSI/523 E			
						Capacity	Total head	Capacity	Total head	Maximum back pressure MPa	Vibration isolator application table		
						L/min	m	L/min	m				
65	19	T655X2ME2.2	○	2.2	2	0.25	23	0.5	11.5	0.2	QRE-02A	PX-95Z	
	20	T655X2ME3.7	○	3.7	2	0.25	29	0.5	19.5	0.2	QRE-05A	PX-95Z	
	21	T655X3ME3.7	○	3.7	3	0.25	38.5	0.5	22	0.2	QRE-05A	PX-110Z	
	22	T655X3ME5.5	○	5.5	3	0.25	44	0.5	29	0.2	QRE-05 A	PX-110Z	
	23	T655X4ME5.5	○	5.5	4	0.25	55	0.5	35.5	0.2	QRE-06D	PX-110Z	
	24	T655X5ME7.5	○	7.5	5	0.25	72	0.5	47.5	0.2	QRE-08B	PX-120Z	
	25	TK655X5ME11	○	11	5	0.25	82	0.5	70	0.2	QRE-11D	PX-S146Z	
	26	TK655X6ME11	○	11	6	0.25	98	0.5	84	0.2	QRE-11D	PX-S146Z	
	27	TK655X7ME11	○	11	7	0.25	103	0.5	86	0.2	QRE-11D	PX-S161Z	
80	28	TK655X8ME11	○	11	8	0.25	110	0.45	95	0.098	QRE-11D	PX-S161Z	
	29	TK655X9ME15	○	15	9	0.25	130	0.5	108	0.049	PBKV-150-1007-03	PX-S181ZY	
	30	T805X2ME5.5	○	5.5	2	0.4	35	0.8	25.5	0.2	QRE-05 D	PX-110Z	
	31	T805X3ME7.5	○	7.5	3	0.4	51	0.8	36	0.2	QRE-08B	PX-130Z	
	32	T805X4ME11	○	11	4	0.4	70	0.8	50	0.2	QRE-09B	PX-130Z	
	33	T805X5ME11	○	11	5	0.4	77.5	0.8	50	0.2	QRE-11D	PX-S161Z	
	34	T805X5ME15	○	15	5	0.4	89	0.8	65	0.2	QRE-11D	PX-S161Z	
	35	T805X6ME15	○	15	6	0.4	103	0.8	72	0.2	QRE-12D	PX-S161Z	
	36	T805X7ME18	○	18.5	7	0.4	124	0.8	90.5	0.049	QRE-12D	PX-S181Z	
100	37	T1005X2ME7.5	○	7.5	2	0.63	36	1.25	24.5	0.2	QRE-09B	PX-120Z	
	38	T1005X2ME11	○	11	2	0.63	44.5	1.25	32	0.2	QRE-09B	PX-S146Z	
	39	T1005X3ME15	○	15	3	0.63	67	1.25	47.5	0.2	QRE-10B	PX-S146Z	
	40	T1005X4ME18	○	18.5	4	0.63	80	1.25	55	0.2	QRE-13D	PX-S161Z	
	41	T1005X4ME22	○	22	4	0.63	89	1.25	64	0.2	QRE-13D	PX-S161Z	
	42	T1005X5ME22	○	22	5	0.63	101.5	1.25	71	0.2	QRE-13D	PX-S161Z	
	43	T1005X5ME30	○	30	5	0.63	111	1.25	80	0.2	QRE-13D	PX-S161Z	
125	44	T1255X2ME15	○	15	2	1	41	2	32	0.2	QRE-10F	PX-S146Z	
	45	T1255X2ME18	○	18.5	2	1	50.5	2	42.5	0.2	QRE-13F	PX-S161Z	
	46	T1255X3ME22	○	22	3	1	61	2	49	0.2	QRE-13F	PX-S161Z	
	47	T1255X3ME30	○	30	3	1	77	2	65	0.2	QRE-13F	PX-S161Z	
	48	T1255X4ME30	○	30	4	1	81	2	64.5	0.2	PBKV-145-1509-08	PX-S161Z	
	49	T1255X4ME37	○	37	4	1	102	2	85	0.2	PBKV-155-20012-11	PX-S181Z	
150	50	T1505X2ME30	○	30	2	1.6	55	3.15	42	0.2	PBKV-145-1509-11	PX-S161Z	
	51	T1505X2ME37	○	37	2	1.6	65	3.15	54	0.2	PBKV-155-20012-12	PX-S181Z	
	52	T1505X2ME45	○	45	2	1.6	72.5	3.15	60	0.2	PBKV-155-20012-12	PX-S181Z	
	53	T1505X3ME45	○	45	3	1.6	82	3.15	62	0.2	PBKV-155-20012-12	OMT-P11553	
	54	T1505X3ME55	○	55	3	1.6	96	3.15	77	0.2	PBKV-170-20012-15	OMT-P11553	
	55	T1505X3ME75	○	75	3	1.6	110	3.15	90	0.2	PBKV-170-20012-13	OMT-P11553	
	56	T1505X4ME75	○	75	4	1.6	125	3.15	99	0.2	PBKV-185-20016-16	OMT-P11593	
	200	57	T2005AX2ME45		45	2					0.2	PBKV-155-20012-09	OMT-P11553
58		T2005AX2ME55		55	2					0.2	PBKV-185-20016-10	OMT-P11593	
59		T2005BX2ME55		55	2					0.2	PBKV-185-20016-10	OMT-P11593	
60		T2005BX2ME75		75	2					0.2	PBKV-185-20016-06	OMT-P11593	
61		T2005BX2ME90		90	2					0.2	PBKV-185-20016-06	OMT-P11593	
62		T2005X3ME75		75	3					0.2	PBKV-185-25016-03	OMT-P11593	
63		T2005X3ME90		90	3					0.2	PBKV-185-25016-03	OMT-P11593	
64		T2005X3ME110		110	3					0.2	PBKV-200-25016-02	OMT-P11613	

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

T(N)·TK(N) Type

60Hz

Bore mm	Ref.	Model	TN TKN	Motor kW	Stages	Standard specifications				T (K) · TK (N)/HSI/613 · 623 E		
						Capacity L/min	Total head m	Capacity L/min	Total head m	Maximum back pressure MPa	Vibration isolator application table	
40	1	T406X2ME1.5	○	1.5	2	0.11	27.5	0.22	21	0.2	QRE-02A	PX-85Z
	2	T406X3ME2.2	○	2.2	3	0.11	42	0.22	32	0.2	QRE-02A	PX-95Z
	3	T406X4ME3.7	○	3.7	4	0.11	58	0.22	45	0.2	QRE-04A	PX-95Z
	4	TK406X4ME3.7	○	3.7	4	0.11	66	0.22	56	0.2	QRE-04D	PX-110Z
	5	TK406X5ME3.7	○	3.7	5	0.11	77	0.19	68	0.2	QRE-05D	PX-110Z
	6	TK406X6ME5.5	○	5.5	6	0.11	96	0.22	81	0.098	QRE-07B	PX-130Z
	7	TK406X7ME7.5	○	7.5	7	0.11	119	0.22	104	0.049	QRE-11D	PX-S146Z
	8	TK406X8ME7.5	○	7.5	8	0.11	132	0.22	113	0.049	QRE-11D	PX-S146Z
50	9	T506X2ME2.2	○	2.2	2	0.18	29.5	0.36	19	0.2	QRE-02A	PX-95Z
	10	T506X3ME3.7	○	3.7	3	0.18	47	0.36	33	0.2	QRE-05A	PX-110Z
	11	T506X4ME5.5	○	5.5	4	0.18	65	0.36	46	0.2	QRE-07B	PX-110Z
	12	TK506X4ME5.5	○	5.5	4	0.18	67	0.36	57	0.2	QRE-07B	PX-120Z
	13	TK506X5ME7.5	○	7.5	5	0.18	84	0.36	72	0.2	QRE-11D	PX-130Z
	14	TK506X6ME7.5	○	7.5	6	0.18	94	0.36	78	0.098	QRE-11D	PX-130Z
	15	TK506X7ME11	○	11	7	0.18	116	0.36	103	0.049	QRE-11D	PX-S161Z
	16	TK506X8ME11	○	11	8	0.18	130	0.36	110	0.049	QRE-11D	PX-S161Z
65	17	T656X2ME3.7	○	3.7	2	0.28	33	0.56	18.5	0.2	QRE-05A	PX-95Z
	18	T656X2ME5.5	○	5.5	2	0.28	42.5	0.56	31	0.2	QRE-05D	PX-95Z
	19	T656X3ME5.5	○	5.5	3	0.28	50	0.56	29	0.2	QRE-05D	PX-110Z
	20	T656X3ME7.5	○	7.5	3	0.28	64	0.56	45	0.2	QRE-06D	PX-110Z
	21	T656X4ME11	○	11	4	0.28	86	0.56	61	0.2	QRE-11D	PX-120Z
	22	TK656X4ME11	○	11	4	0.28	90	0.56	77	0.2	QRE-11D	PX-130Z
	23	TK656X5ME11	○	11	5	0.28	102	0.45	95	0.2	QRE-11D	PX-S146Z
	24	TK656X6ME15	○	15	6	0.28	126	0.56	108	0.049	PBKV-130-807-01	PX-S146Z
80	25	T806X2ME7.5	○	7.5	2	0.45	45.5	0.9	32	0.2	QRE-06D	PX-110Z
	26	T806X3ME11	○	11	3	0.45	68.5	0.9	48	0.2	QRE-08B	PX-130Z
	27	T806X4ME15	○	15	4	0.45	92	0.9	64	0.2	QRE-11D	PX-S161Z
	28	T806X4ME18	○	18.5	4	0.45	102	0.9	79	0.2	QRE-12D	PX-S161Z
	29	T806X5ME18	○	18.5	5	0.45	114	0.9	80	0.098	QRE-12D	PX-S161Z
100	30	T1006X2ME15	○	15	2	0.71	58	1.4	42	0.2	QRE-10B	PX-S146Z
	31	T1006X2ME18	○	18.5	2	0.71	64.5	1.4	48	0.2	QRE-10B	PX-S146Z
	32	T1006X3ME18	○	18.5	3	0.71	73.5	1.4	47	0.2	QRE-10B	PX-S146Z
	33	T1006X3ME22	○	22	3	0.71	86	1.4	63	0.2	QRE-13D	PX-S146Z
	34	T1006X3ME30	○	30	3	0.71	97	1.4	72.5	0.2	QRE-13D	PX-S161Z
	35	T1006X4ME30	○	30	4	0.71	116	1.4	83	0.2	QRE-13D	PX-S161Z
125	36	T1256X2ME22	○	22	2	1.12	56	2.24	45	0.2	QRE-13F	PX-S161Z
	37	T1256X2ME30	○	30	2	1.12	71	2.24	60	0.2	PBKV-170-10012-04	PX-S161Z
	38	T1256X3ME37	○	37	3	1.12	90	2.24	74	0.2	PBKV-155-1509-04	PX-S181Z
	39	T1256X3ME45	○	45	3	1.12	107	2.24	90	0.2	PBKV-155-20012-11	PX-S181Z
150	40	T1506X2ME45	○	45	2	1.8	73	3.55	57	0.2	PBKV-155-20012-12	PX-S181Z
	41	T1506X2ME55	○	55	2	1.8	88	3.55	67.5	0.2	PBKV-170-20012-15	PX-180Z
	42	T1506X2ME75	○	75	2	1.8	106	3.55	91	0.2	PBKV-200-20012-04	PX-180ZB
	43	T1506X3ME75	○	75	3	1.8	118	3.55	96	0.2	PBKV-200-20012-04	OMT-P11553
200	44	T2006AX2ME75		75	2	Impeller diameter varies according to duty point, please inquire with pump specification (capacity and total head)				0.2	PBKV-185-20016-06	OMT-P11593
	45	T2006AX2ME90		90	2					0.2	PBKV-185-20016-06	OMT-P11593
	46	T2006BX2ME75		75	2					0.2	PBKV-185-20016-06	OMT-P11593
	47	T2006BX2ME90		90	2					0.2	PBKV-185-20016-06	OMT-P11593
	48	T2006BX2ME110		110	2					0.2	PBKV-20025016-02	OMT-P11613
	49	T2006BX2ME132		132	2					0.2	PBKV-20025016-02	OMT-P11613

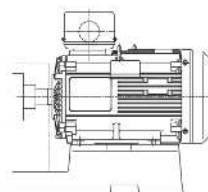
This above notation are in case of T-TK type

T(N)·TK(N) Type

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

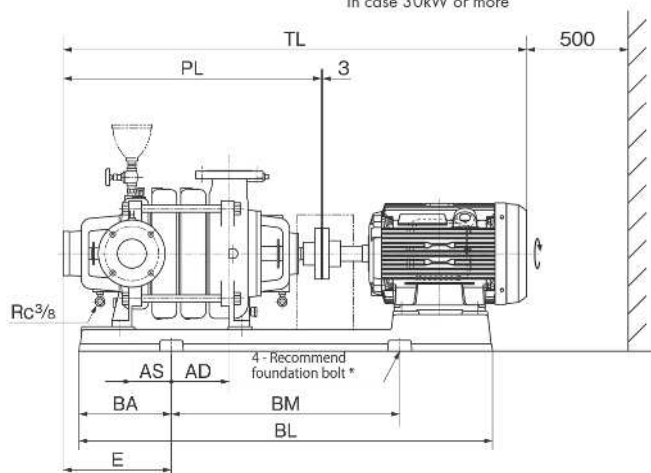
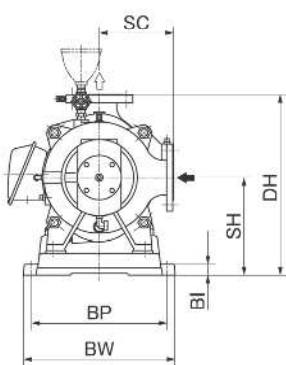
Bore 100mm or less models

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

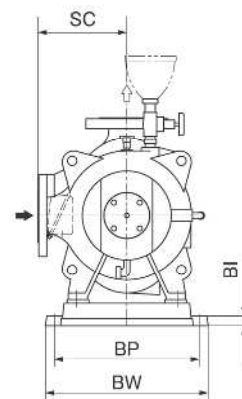
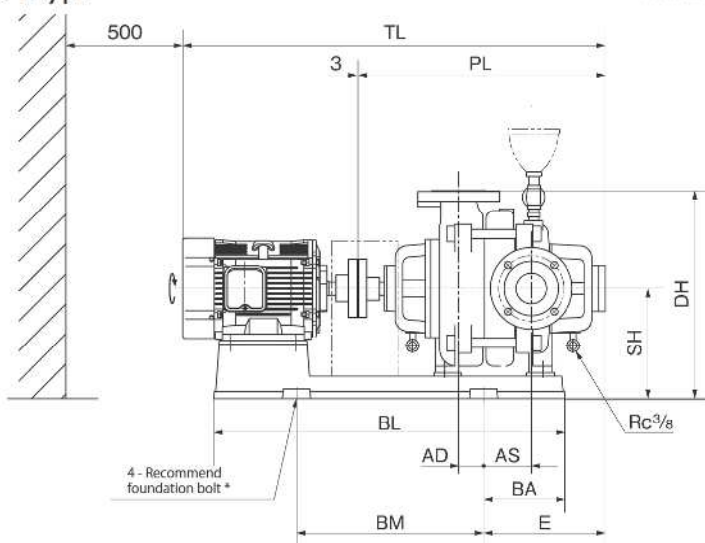


In case 30kW or more

T·TK type



T·TK-R type



* Foundation bolts are optional accessories. If you need them, please buy yourself.

Nylon coating type TN·TKN (-R) is same dimension.

* Foundation bolts are optional accessories. If you need them, please buy yourself.

Recommend foundation bolt size (Optional parts)

unit: mm

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

T(N)·TK(N)/HD/011 E

T(N)·TK(N) Type

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

50Hz

unit: mm T(N)·TK(N)/Hd/511 E

Bore mm	Model	Motor kW	Pump		Base						Combinations						Mass kg
			SC	PL	BI	BL	BA	BM	BP	BW	DH	SH	TL	AD	E	AS	
40	T405X2ME1.5	1.5	160	460	20	646	121	400	253	293	375	200	778	70	222	72	85
	T405X3ME1.5	1.5	160	522	20	646	121	400	253	293	375	200	840	87	257	107	99
	T405X4ME2.2	2.2	160	574	20	736	161	400	255	295	375	200	933	99	297	147	118
	T405X5ME3.7	3.7	160	626	20	855	173	500	280	316	388	213	1001	197	252	101	143
	T405X6ME3.7	3.7	160	678	20	855	173	500	280	316	388	213	1053	197	304	153	152
	TK405X6ME3.7	3.7	165	711	25	1007	184	630	280	326	398	218	1087	317	197	58	153
	TK405X7ME3.7	3.7	165	771	25	1007	184	630	280	326	398	218	1146	317	257	118	163
	TK405X8ME5.5	5.5	165	836	35	1114	241	630	280	328	418	238	1267	320	314	175	200
TK405X9ME5.5	5.5	165	896	35	1214	291	630	280	328	418	238	1327	335	359	220	210	
50	T505X2ME1.5	1.5	170	529	20	750	173	400	280	316	405	215	847	50	274	112	97
	T505X3ME2.2	2.2	170	587	20	728	161	400	259	299	405	215	945	67	314	152	120
	T505X4ME3.7	3.7	170	644	25	818	157	500	280	320	415	225	1018	134	304	142	147
	T505X5ME3.7	3.7	170	701	25	861	178	500	280	316	418	228	1075	169	327	164	158
	T505X6ME5.5	5.5	170	763	25	964	223	500	280	316	418	228	1193	182	371	209	195
	TK505X6ME5.5	5.5	175	781	35	1034	266	500	280	328	448	248	1212	205	364	200	195
	TK505X7ME7.5	7.5	175	846	35	1204	281	630	280	328	448	248	1315	322	312	148	220
	TK505X8ME7.5	7.5	175	911	35	1204	281	630	280	328	448	248	1380	322	377	213	236
TK505X9ME7.5	7.5	175	976	35	1269	346	630	280	328	448	248	1445	322	442	278	252	
65	T655X2ME2.2	2.2	190	529	20	732	167	400	310	344	445	235	888	47	267	108	129
	T655X2ME3.7	3.7	190	529	20	751	174	400	310	348	445	235	904	53	261	102	137
	T655X3ME3.7	3.7	190	594	25	821	161	500	310	348	458	248	969	136	243	84	159
	T655X3ME5.5	5.5	190	594	25	846	173	500	340	388	458	248	1025	107	272	113	176
	T655X4ME5.5	5.5	190	659	25	921	211	500	340	388	458	248	1090	144	300	141	192
	T655X5ME7.5	7.5	190	724	25	1011	188	630	340	388	458	248	1193	219	290	131	211
	TK655X5ME11	11	190	796	35	1222	270	630	310	358	488	268	1362	256	317	129	254
	TK655X6ME11	11	190	871	35	1222	270	630	310	358	488	268	1437	256	392	204	271
	TK655X7ME11	11	190	946	35	1372	420	630	310	358	488	268	1512	256	467	279	291
	TK655X8ME11	11	190	1021	35	1372	420	630	310	358	488	268	1587	256	542	354	307
TK655X9ME15	15	190	1096	35	1492	325	800	310	358	488	268	1694	425	448	260	348	
80	T805X2ME5.5	5.5	205	636	30	895	198	500	340	384	498	268	1067	56	324	134	192
	T805X3ME7.5	7.5	205	716	30	1080	225	630	340	384	498	268	1185	214	246	56	221
	T805X4ME11	11	205	796	30	1142	256	630	375	419	498	268	1362	160	380	190	263
	T805X5ME11	11	205	876	35	1354	275	800	380	428	518	288	1442	306	314	124	301
	T805X5ME15	15	205	876	35	1354	275	800	380	428	518	288	1474	306	314	124	322
	T805X6ME15	15	205	956	35	1354	275	800	380	428	518	288	1554	306	394	204	341
	T805X7ME18	18.5	205	1036	7	1450	325	800	420	450	515	285	1704	330	450	260	447
100	T1005X2ME7.5	7.5	250	713	35	970	170	630	380	424	583	313	1182	142	300	83	269
	T1005X2ME11	11	250	713	35	1170	185	800	380	424	583	313	1279	197	245	28	296
	T1005X3ME15	15	250	803	35	1170	185	800	380	424	583	313	1401	197	335	118	343
	T1005X4ME18	18.5	250	894	35	1390	293	800	420	464	583	313	1562	265	357	140	464
	T1005X4ME22	22	250	894	35	1390	293	800	420	464	583	313	1562	265	357	140	468
	T1005X5ME22	22	250	984	35	1390	293	800	420	464	583	313	1652	265	447	230	498
T1005X5ME30	30	250	984	35	1390	293	800	420	464	583	313	1725	265	447	230	528	

This above notation are in case of T-TK type

T(N)·TK(N) Type

60Hz

Bore mm	Model	Motor kW	Pump		Base						Combinations						Mass kg
			SC	PL	BI	BL	BA	BM	BP	BW	DH	SH	TL	AD	E	AS	
40	T406X2ME1.5	1.5	160	460	20	646	121	400	253	293	375	200	778	70	222	72	85
	T406X3ME2.2	2.2	160	522	20	726	161	400	255	295	375	200	881	74	270	120	109
	T406X4ME3.7	3.7	160	574	20	750	173	400	280	316	388	213	948	92	305	154	134
	TK406X4ME3.7	3.7	165	591	25	887	194	500	280	326	398	218	966	187	207	68	131
	TK406X5ME3.7	3.7	165	651	25	887	194	500	280	326	398	218	1026	187	267	128	141
	TK406X6ME5.5	5.5	165	716	35	1114	241	630	280	328	418	238	*1193	320	194	55	181
	TK406X7ME7.5	7.5	165	776	35	1214	291	630	280	328	418	238	*1297	335	239	100	198
	TK406X8ME7.5	7.5	165	836	35	1214	291	630	280	328	418	238	1305	335	299	160	208
50	T506X2ME2.2	2.2	170	530	20	726	161	400	259	299	405	215	888	40	284	122	108
	T506X3ME3.7	3.7	170	587	25	818	157	500	280	320	415	225	961	107	274	112	135
	T506X4ME5.5	5.5	170	649	25	849	208	394	280	316	418	228	1079	82	357	195	171
	TK506X4ME5.5	5.5	175	651	35	1034	266	500	280	328	448	248	*1114	205	234	70	170
	TK506X5ME7.5	7.5	175	716	35	1074	281	500	280	328	448	248	1185	192	312	148	189
	TK506X6ME7.5	7.5	175	781	35	1074	281	500	280	328	448	248	1250	192	377	213	204
	TK506X7ME11	11	175	852	35	1297	331	630	280	328	448	248	1418	275	359	195	245
	TK506X8ME11	11	175	917	35	1297	331	630	280	328	448	248	1483	275	424	260	261
65	T656X2ME3.7	3.7	190	529	20	751	174	400	310	348	445	235	904	53	261	102	137
	T656X2ME5.5	5.5	190	529	25	796	148	500	340	388	458	248	960	82	232	73	162
	T656X3ME5.5	5.5	190	594	25	846	173	500	340	388	458	248	1025	107	272	113	176
	T656X3ME7.5	7.5	190	594	25	896	198	500	340	388	458	248	1063	94	285	126	185
	T656X4ME11	11	190	665	25	1033	223	500	340	386	458	248	1231	120	324	165	226
	TK656X4ME11	11	190	721	35	1072	250	500	310	358	488	268	1287	126	372	184	232
	TK656X5ME11	11	190	796	35	1222	270	630	310	358	488	268	1362	256	317	129	254
	TK656X6ME15	15	190	871	35	1272	275	630	310	358	488	268	1469	257	391	203	294
80	T806X2ME7.5	7.5	205	636	30	895	198	500	340	384	498	268	1105	56	324	134	199
	T806X3ME11	11	205	716	30	1142	256	630	375	419	498	268	1282	160	300	110	244
	T806X4ME15	15	205	796	35	1354	275	800	380	428	518	288	*1435	306	—	44	303
	T806X4ME18	18.5	205	796	35	1320	198	800	420	464	518	288	1464	306	234	44	381
	T806X5ME18	18.5	205	876	35	1320	198	800	420	464	518	288	1544	306	314	124	400
100	T1006X2ME15	15	250	714	35	1170	185	800	380	424	583	313	1312	197	245	28	313
	T1006X2ME18	18.5	250	714	35	1208	185	800	420	464	583	313	1382	189	253	36	397
	T1006X3ME18	18.5	250	804	35	1208	185	800	420	464	583	313	1472	189	343	126	427
	T1006X3ME22	22	250	804	35	1208	185	800	420	464	583	313	1472	189	343	126	435
	T1006X3ME30	30	250	804	35	1290	293	800	420	464	583	313	*1571	265	267	50	468
	T1006X4ME30	30	250	894	35	1390	293	800	420	464	583	313	1635	265	357	140	498

This above notation are in case of T-TK type

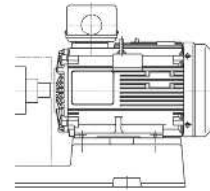
Note) The dimension on the table is not the edge of motor, but the edge of base.

T(N)·TK(N) Type

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

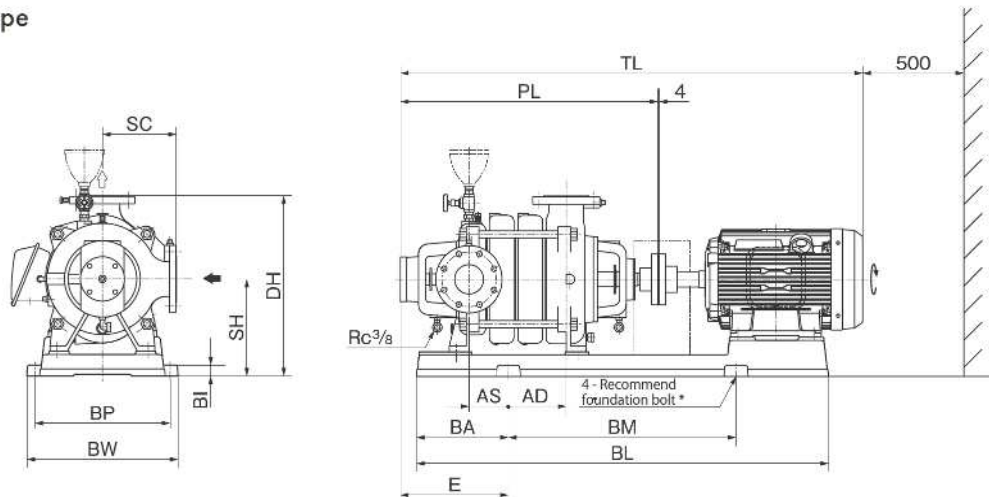
Bore 125mm or more models

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



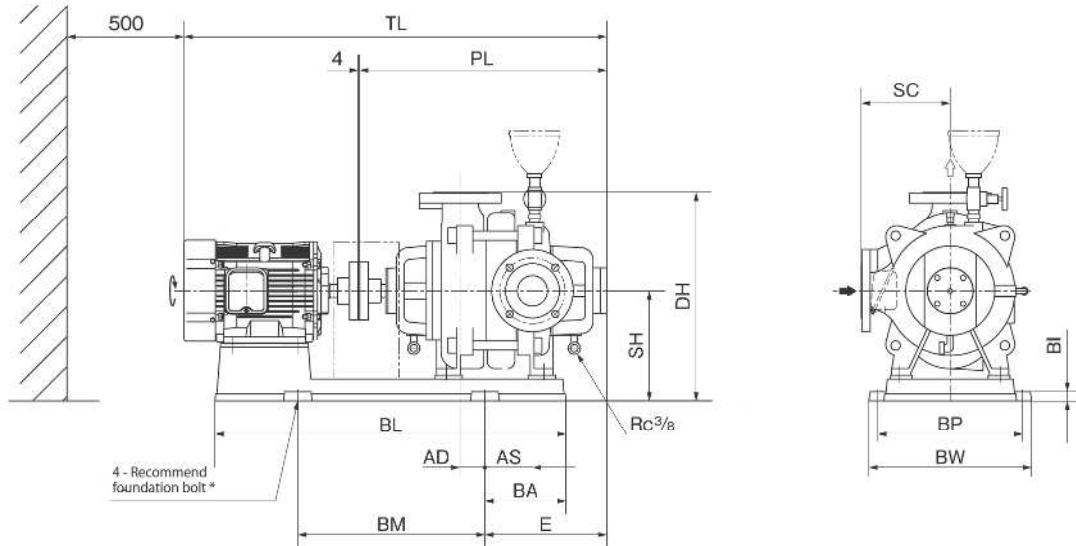
In case 30kW or more

T·TK type



* Foundation bolts are optional accessories. If you need them, please buy yourself.

T·TK-R type



- Recommend foundation bolt size (Optional parts)
M20 x 250

Nylon coating type TN·TKN (-R) is same dimension.

* Foundation bolts are optional accessories. If you need them, please buy yourself.

T(N)·TK(N)/HD/021 E

T(N)·TK(N) Type

50Hz

unit: mm T(N) · TK(N)/Hd/522 E

Bore mm	Model	Motor		Pump		Base						Combinations						Mass kg
		kW	SC	PL	BI	BL	BA	BM	BP	BW	DH	SH	TL	AD	E	AS		
125	T1255X2ME15	15	290	805	40	1174	185	800	435	503	688	368	1404	174	336	81	418	
	T1255X2ME18	18.5	290	805	50	1437	314	800	435	503	708	388	*1541	263	247	8	520	
	T1255X3ME22	22	290	920	50	1437	314	800	435	503	708	388	1589	263	362	107	577	
	T1255X3ME30	30	290	920	50	1437	314	800	435	503	708	388	1662	263	362	107	615	
	T1255X4ME30	30	290	1035	50	1437	314	800	435	503	708	388	1777	263	477	222	667	
	T1255X4ME37	37	290	1035	7	1550	263	1000	476	555	708	388	1883	325	415	160	769	
150	T1505X2ME30	30	320	917	7	1400	256	800	475	555	783	423	1659	151	432	149	669	
	T1505X2ME37	37	320	917	7	1550	264	1000	535	603	803	443	1765	254	329	46	782	
	T1505X2ME45	45	320	917	7	1550	264	1000	535	603	803	443	1765	254	329	46	787	
	T1505X3ME45	45	320	1052	7	1550	264	1000	535	603	803	443	1900	269	449	166	826	
	T1505X3ME55	55	320	1052	7	1600	323	1000	595	663	803	443	1907	219	499	216	966	
	T1505X3ME75	75	320	1063	60	1629	315	1000	595	663	803	443	1985	217	501	218	1064	
	T1505X4ME75	75	320	1197	8	1797	480	1000	595	655	803	443	2119	252	601	318	1125	
200	T2005AX2ME45	45	370	1080	8	1560	385	800	540	600	898	488	1928	147	543	213	952	
	T2005AX2ME55	55	370	1080	50	1703	345	1000	540	600	898	488	1935	285	405	75	997	
	T2005BX2ME55	55	370	1080	50	1703	345	1000	540	600	898	488	1935	285	405	75	997	
	T2005BX2ME75	75	370	1080	50	1761	390	1000	600	660	898	488	2002	240	450	120	1145	
	T2005BX2ME90	90	370	1080	50	1761	390	1000	600	660	898	488	2002	240	450	120	1180	
	T2005X3ME75	75	370	1240	50	1761	390	1000	600	660	898	488	2162	240	610	280	1240	
	T2005X3ME90	90	370	1240	50	1761	390	1000	600	660	898	488	2162	240	610	280	1275	
	T2005X3ME110	110	370	1240	8	1920	452	1000	650	710	898	488	2297	240	610	280	1489	

This above notation are in case of T-TK type

Note) The dimension on the table is not the edge of motor, but the edge of base.

60Hz

unit: mm T(N) · TK(N)/Hd/622 E

Bore mm	Model	Motor		Pump		Base						Combinations						Mass kg
		kW	SC	PL	BI	BL	BA	BM	BP	BW	DH	SH	TL	AD	E	AS		
125	T1256X2ME22	22	290	805	50	1437	314	800	435	503	708	388	*1541	263	247	8	532	
	T1256X2ME30	30	290	805	50	1437	314	800	435	503	708	388	*1614	263	247	8	570	
	T1256X3ME37	37	290	920	7	1550	263	1000	476	555	708	388	1768	325	300	45	700	
	T1256X3ME45	45	290	920	7	1550	263	1000	476	555	708	388	1768	325	300	45	716	
150	T1506X2ME45	45	320	917	7	1550	264	1000	535	603	803	443	1765	254	329	46	787	
	T1506X2ME55	55	320	917	7	1600	323	1000	595	663	803	443	1772	202	381	98	911	
	T1506X2ME75	75	320	928	60	1629	315	1000	595	663	803	443	1850	217	366	83	1009	
	T1506X3ME75	75	320	1063	60	1629	315	1000	595	663	803	443	1985	217	501	218	1064	
200	T2006AX2ME75	75	370	1080	50	1761	390	1000	600	660	898	488	2002	240	450	120	1145	
	T2006AX2ME90	90	370	1080	50	1761	390	1000	600	660	898	488	2002	240	450	120	1180	
	T2006BX2ME75	75	370	1080	50	1761	390	1000	600	660	898	488	2002	240	450	120	1145	
	T2006BX2ME90	90	370	1080	50	1761	390	1000	600	660	898	488	2002	240	450	120	1180	
	T2006BX2ME110	110	370	1080	8	1920	452	1000	650	710	898	488	2137	240	450	120	1384	
	T2006BX2ME132	132	370	1080	8	1920	452	1000	650	710	898	488	2137	240	450	120	1454	

This above notation are in case of T-TK type

Note) The dimension on the table is not the edge of motor, but the edge of base.

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, too due to Kawamoto's outstanding pump construction (PAT. pend.)
- Evaluated item of <Horizontal centrifugal pump> by (C) Public Buildings Association., Ltd.
- Both mechanical seal and grand packing type are available

Maximum suction total head (20°C)

Bore		Suction total head
Suction	Discharge	
50	40	-6m
65	50	50Hz: -6m 60Hz: -5.5m
80*	65	50Hz: -6m 60Hz: -3m

* In case 100mm suction pipe

Standard specifications

- Liquid Clean water 0~40°C (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 Suction side: JIS 10K standard type
Discharge side: JIS 20K type

Standard accessories

Motor, Base, Coupling, Exhaust valve, Coupling cover

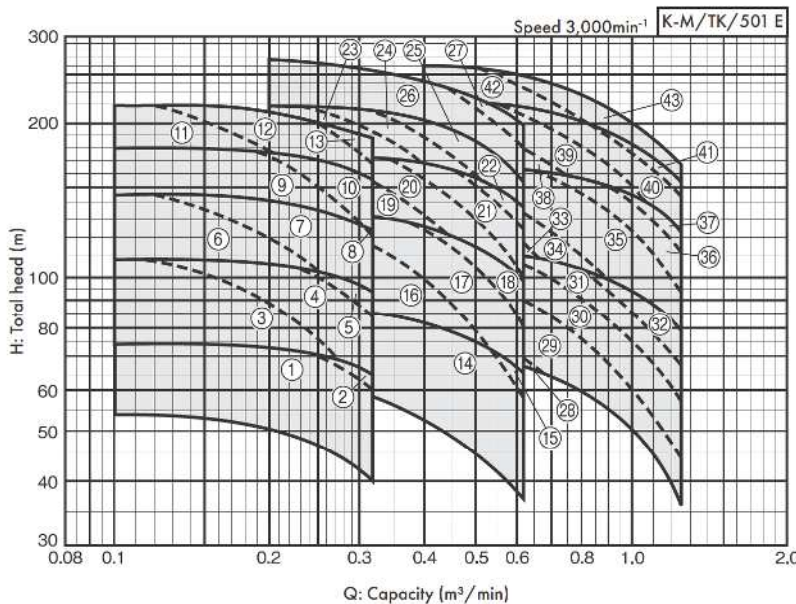
Maximum back pressure

(2.7 — Shut-off pressure of the pump) MPa or 0.39 MPa, Whichever is lower

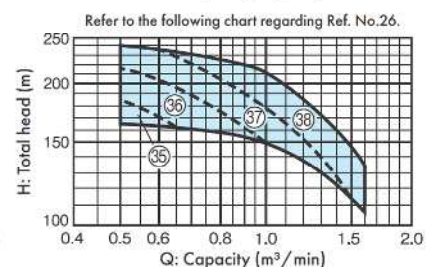
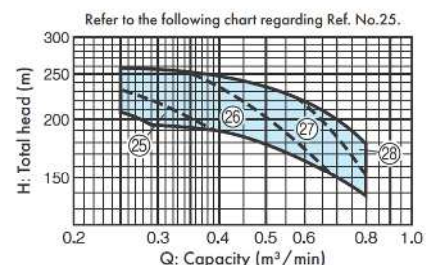
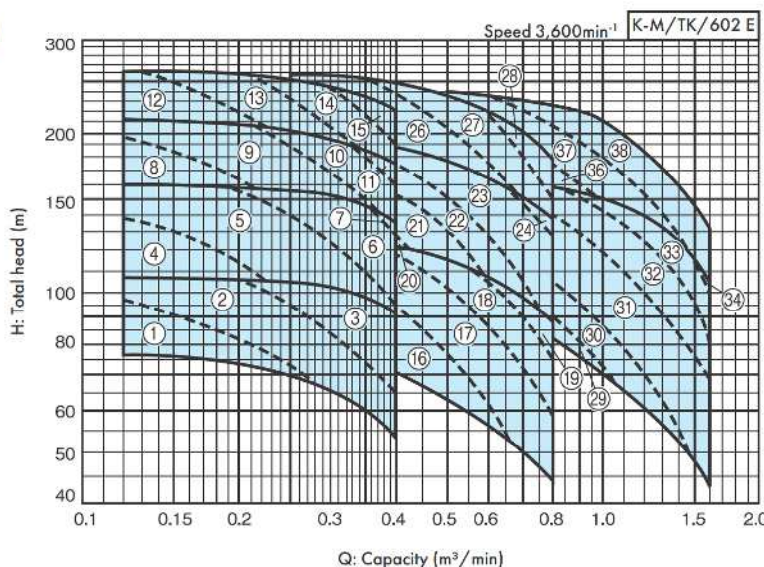
The back pressure depends on pump specification. Please inquiry every time.

Selection chart

50Hz



60Hz



K-M Type

Selection chart

Impeller diameter varies according to duty point, please inquire with pump specification (Capacity and 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

										K-M/SI/501 E				
Suction bore	Discharge bore	Ref.	Model	Motor kW	Suction bore	Discharge bore	Ref.	Model	Motor kW	Suction bore	Discharge bore	Ref.	Model	Motor kW
mm	mm				mm	mm				mm	mm			
50	40	1	K505GX2ME5.5	5.5	65	50	16	K655GX3ME11	11	80	65	32	K805GX2ME30	30
			K505MX2ME5.5					K655MX3ME11					K805MX2ME30	
		2	K505GX2ME7.5	7.5			17	K655GX3ME15	15			33	K805GX3ME18	18.5
			K505MX2ME7.5					K655MX3ME15					K805MX3ME18	
		3	K505GX3ME5.5	5.5			18	K655GX3ME18	18.5			34	K805GX3ME22	22
			K505MX3ME5.5					K655MX3ME18					K805MX3ME22	
		4	K505GX3ME7.5	7.5			19	K655GX4ME15	15			35	K805GX3ME30	30
			K505MX3ME7.5					K655MX4ME15					K805MX3ME30	
		5	K505GX3ME11	11			20	K655GX4ME18	18.5			36	K805GX3ME37	37
			K505MX3ME11					K655MX4ME18					K805MX3ME37	
		6	K505GX4ME7.5	7.5			21	K655GX4ME22	22			37	K805GX3ME45	45
			K505MX4ME7.5					K655MX4ME22					K805MX3ME45	
		7	K505GX4ME11	11			22	K655GX4ME30	30			38	K805GX4ME30	30
K505MX4ME11	K655MX4ME30		K805MX4ME30											
8	K505GX4ME15	15	23	K655GX5ME18	18.5	39	K805GX4ME37	37						
	K505MX4ME15			K655MX5ME18			K805MX4ME37							
9	K505GX5ME11	11	24	K655GX5ME22	22	40	K805GX4ME45	45						
	K505MX5ME11			K655MX5ME22			K805MX4ME45							
10	K505GX5ME15	15	25	K655GX5ME30	30	41	K805GX4ME55	55						
	K505MX5ME15			K655MX5ME30			K805MX4ME55							
11	K505GX6ME11	11	26	K655MX6ME30	30	42	K805MX5ME45	45						
	K505MX6ME11			K655MX6ME37			K805MX5ME45							
12	K505GX6ME15	15	27	K805GX2ME11	11	43	K805MX5ME55	55						
	K505MX6ME15			K805MX2ME11										
13	K505GX6ME18	18.5	28	K805GX2ME15	15	29	K805MX2ME15	15						
	K505MX6ME18			K805MX2ME15										
65	50	14	K655GX2ME11	11	80	65	K805GX2ME18	18.5						
			K655MX2ME11				K805MX2ME18							
			K655GX2ME15				K805GX2ME22		K805MX2ME22					

60Hz

										K-M/SI/601 E				
Suction bore	Discharge bore	Ref.	Model	Motor kW	Suction bore	Discharge bore	Ref.	Model	Motor kW	Suction bore	Discharge bore	Ref.	Model	Motor kW
mm	mm				mm	mm				mm	mm			
50	40	1	K506GX2ME5.5	5.5	65	50	16	K656GX2ME11	11	80	65	31	K806GX2ME30	30
			K506MX2ME5.5					K656MX2ME11					K806MX2ME30	
		2	K506GX2ME7.5	7.5			17	K656GX2ME15	15			32	K806GX2ME37	37
			K506MX2ME7.5					K656MX2ME15					K806MX2ME37	
		3	K506GX2ME11	11			18	K656GX2ME18	18.5			33	K806GX2ME45	45
			K506MX2ME11					K656MX2ME18					K806MX2ME45	
		4	K506GX3ME7.5	7.5			19	K656GX2ME22	22			34	K806GX2ME55	55
			K506MX3ME7.5					K656MX2ME22					K806MX2ME55	
		5	K506GX3ME11	11			20	K656GX3ME15	15			35	K806GX3ME30	30
			K506MX3ME11					K656MX3ME15					K806MX3ME30	
		6	K506GX3ME15	15			21	K656GX3ME18	18.5			36	K806GX3ME37	37
			K506MX3ME15					K656MX3ME18					K806MX3ME37	
		7	K506GX3ME18	18.5			22	K656GX3ME22	22			37	K806GX3ME45	45
K506MX3ME18	K656MX3ME22		K806MX3ME45											
8	K506GX4ME11	11	23	K656GX3ME30	30	38	K806GX3ME55	55						
	K506MX4ME11			K656MX3ME30										
9	K506GX4ME15	15	24	K656GX3ME37	37	25	K656GX4ME22	22						
	K506MX4ME15			K656MX3ME37										
10	K506GX4ME18	18.5	25	K656GX4ME22	22	26	K656GX4ME30	30						
	K506MX4ME18			K656MX4ME22										
11	K506GX4ME22	22	26	K656GX4ME30	30	27	K656GX4ME37	37						
	K506MX4ME22			K656MX4ME30										
12	K506GX5ME15	15	27	K656GX4ME37	37	28	K656GX4ME45	45						
	K506MX5ME15			K656MX4ME37										
13	K506GX5ME18	18.5	28	K656GX4ME45	45	29	K806GX2ME18	18.5						
	K506MX5ME18			K656MX4ME45										
65	50	14	K506GX5ME22	22	80	65	K806MX2ME18	18.5						
			K506MX5ME22				K806MX2ME18							
			K506GX5ME30				K806GX2ME22		K806MX2ME22					

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.

Standard specifications

- Liquid Clean water 0~40°C (No freezing)
- Materials Impeller Bronze
Shaft SUS403 (Wetted part) (Sleeve SUS416)
Casing SCS13
- Shaft sealing Mechanical seal
- Motor TEFC indoor.
Three phase
- Flange Suction side: JIS 10K standard type
Discharge side: JIS 20K type

Standard accessories

Motor, Base, Coupling, Exhaust valve, Coupling cover

Maximum back pressure

(2.7 - Shut-off pressure of the pump) MPa or 0.39 MPa, Whichever is lower

The back pressure depends on pump specification. Please inquiry every time.

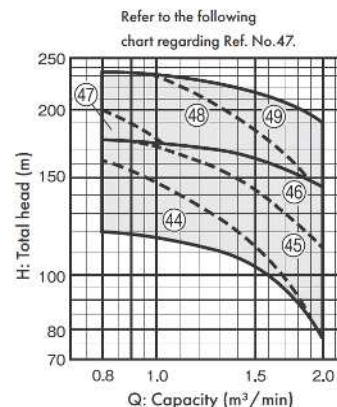
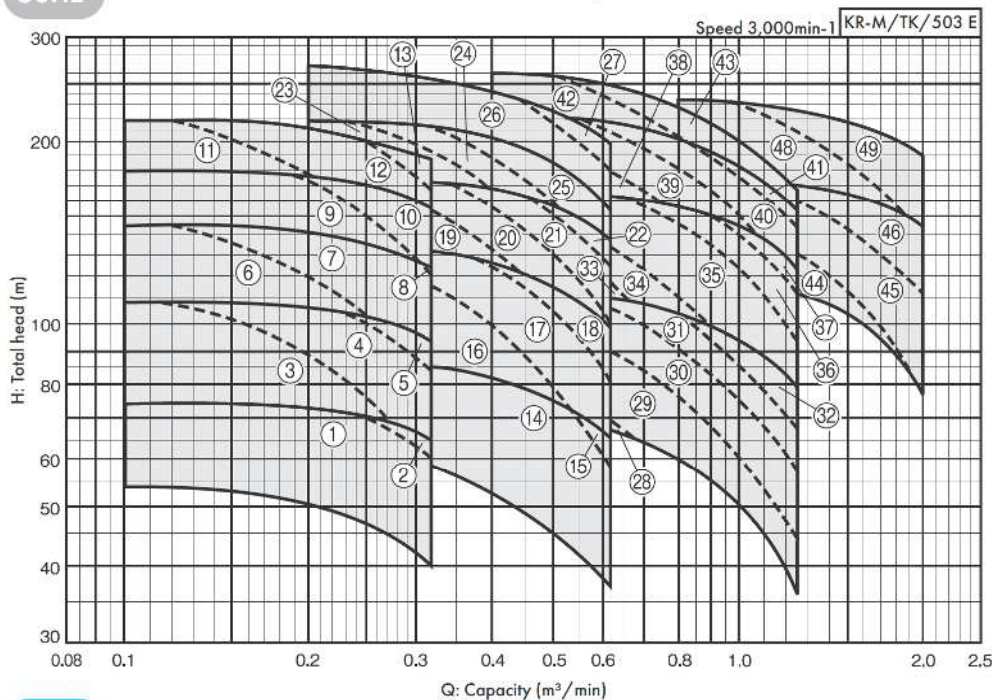
Maximum suction total head (20°C)

Bore		Suction total head
Suction	Discharge	
50	40	-6m
65	50	50Hz: -6m 60Hz: -5.5m
80*	65	50Hz: -6m 60Hz: -3m
100	80	50Hz: -3m 60Hz: +1m

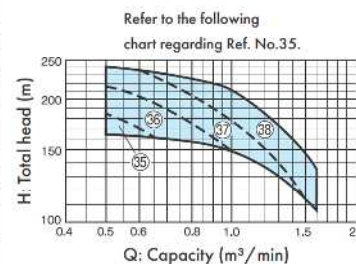
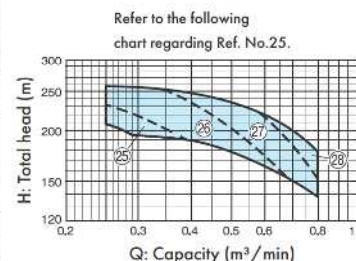
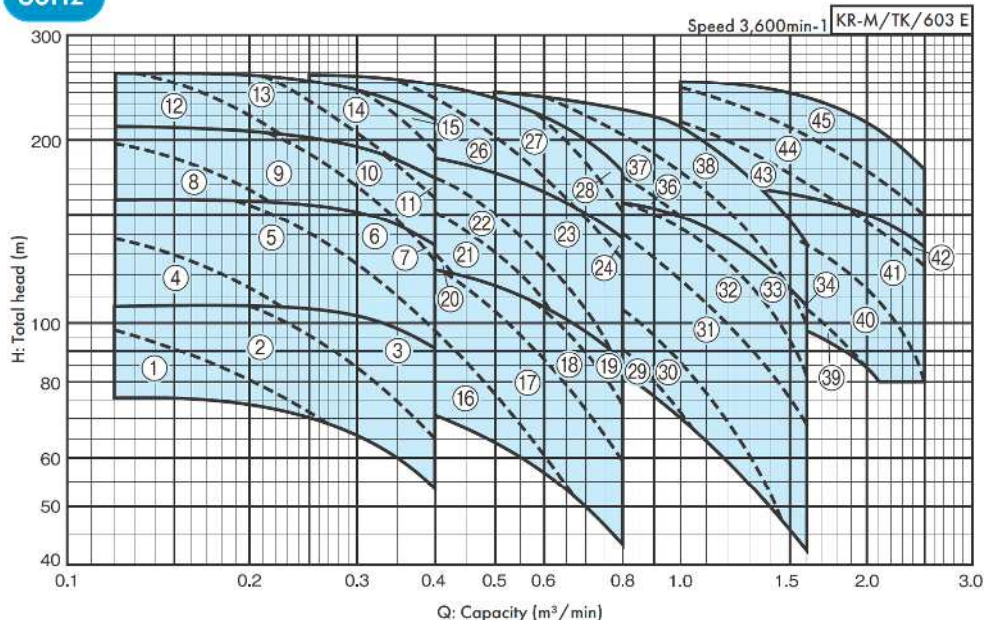
* In case 100mm suction pipe

Selection chart

50Hz



60Hz



KR-M Type

Models Impeller diameter varies according to duty point, please inquire with pump specifications (Capacity and head)

50Hz

					KR-M/SI/601 E									
Suction bore mm	Discharge bore mm	Ref.	Model	Motor kW	Suction bore mm	Discharge bore mm	Ref.	Model	Motor kW	Suction bore mm	Discharge bore mm	Ref.	Model	Motor kW
50	40	1	KR505MX2ME5.5	5.5	65	50	18	KR655MX3ME18	18.5	80	65	35	KR805MX3ME30	30
		2	KR505MX2ME7.5	7.5			19	KR655MX4ME15	15			36	KR805MX3ME37	37
		3	KR505MX3ME5.5	5.5			20	KR655MX4ME18	18.5			37	KR805MX3ME45	45
		4	KR505MX3ME7.5	7.5			21	KR655MX4ME22	22			38	KR805MX4ME30	30
		5	KR505MX3ME11	11			22	KR655MX4ME30	30			39	KR805MX4ME37	37
		6	KR505MX4ME7.5	7.5			23	KR655MX5ME18	18.5			40	KR805MX4ME45	45
		7	KR505MX4ME11	11			24	KR655MX5ME22	22			41	KR805MX4ME55	55
		8	KR505MX4ME15	15			25	KR655MX5ME30	30			42	KR805MX5ME45	45
		9	KR505MX5ME11	11			26	KR655MX6ME30	30			43	KR805MX5ME55	55
		10	KR505MX5ME15	15			27	KR655MX6ME37	37			44	KR1005MX3ME45	45
		11	KR505MX6ME11	11			28	KR805MX2ME11	11			45	KR1005MX3ME55	55
		12	KR505MX6ME15	15			29	KR805MX2ME15	15			46	KR1005MX3ME75	75
		65	50	14			KR655MX2ME11	11	30			KR805MX2ME18	18.5	47
15	KR655MX2ME15			15	31	KR805MX2ME22	22	48	KR1005MX4ME75	75				
16	KR655MX3ME11			11	32	KR805MX2ME30	30	49	KR1005MX4ME90	90				
17	KR655MX3ME15			15	33	KR805MX3ME18	18.5							
						34	KR805MX3ME22	22						

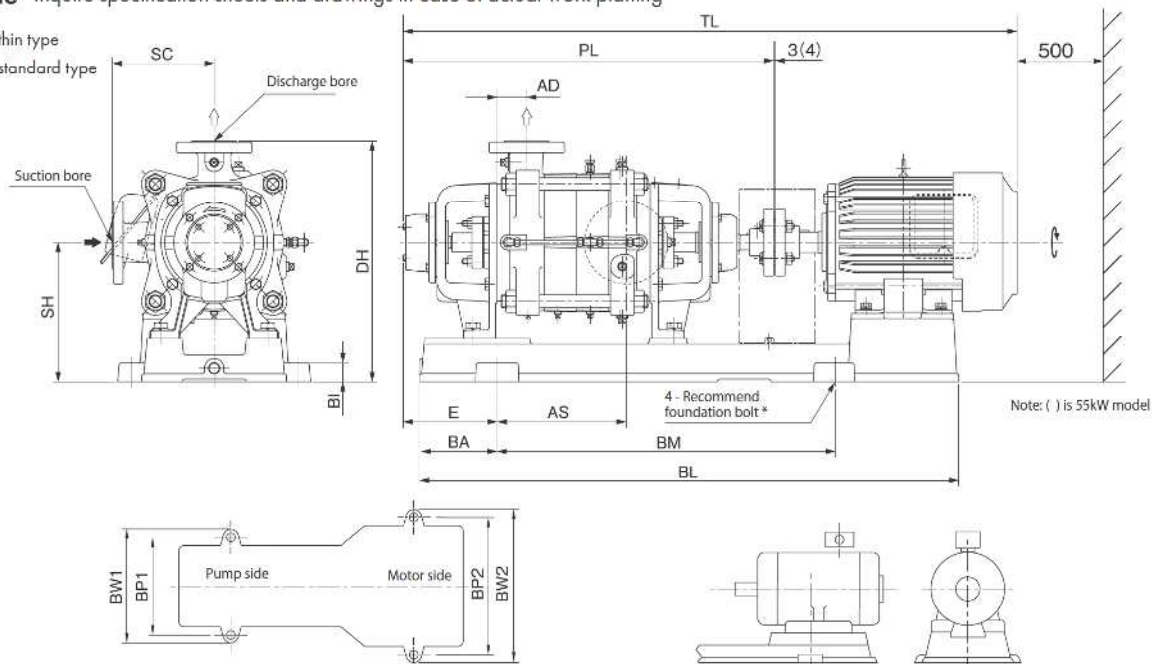
60Hz

					KR-M/SI/601 E									
Suction bore mm	Discharge bore mm	Ref.	Model	Motor kW	Suction bore mm	Discharge bore mm	Ref.	Model	Motor kW	Suction bore mm	Discharge bore mm	Ref.	Model	Motor kW
50	40	1	KR506MX2ME5.5	5.5	65	50	18	KR656MX2ME18	18.5	80	65	35	KR806MX3ME30	30
		2	KR506MX2ME7.5	7.5			19	KR656MX2ME22	22			36	KR806MX3ME37	37
		3	KR506MX2ME11	11			20	KR656MX3ME15	15			37	KR806MX3ME45	45
		4	KR506MX3ME7.5	7.5			21	KR656MX3ME18	18.5			38	KR806MX3ME55	55
		5	KR506MX3ME11	11			22	KR656MX3ME22	22			39	KR1006MX2ME45	45
		6	KR506MX3ME15	15			23	KR656MX3ME30	30			40	KR1006MX2ME55	55
		7	KR506MX3ME18	18.5			24	KR656MX3ME37	37			41	KR1006MX2ME75	75
		8	KR506MX4ME11	11			25	KR656MX4ME22	22			42	KR1006MX2ME90	90
		9	KR506MX4ME15	15			26	KR656MX4ME30	30			43	KR1006MX3ME75	75
		10	KR506MX4ME18	18.5			27	KR656MX4ME37	37			44	KR1006MX3ME90	90
		11	KR506MX4ME22	22			28	KR656MX4ME45	45			45	KR1006MX3ME110	110
		12	KR506MX5ME15	15			29	KR806MX2ME18	18.5					
		13	KR506MX5ME18	18.5			30	KR806MX2ME22	22					
		14	KR506MX5ME22	22			31	KR806MX2ME30	30					
		65	50	16			KR656MX2ME11	11	32			KR806MX2ME37	37	
17	KR656MX2ME15			15	33	KR806MX2ME45	45							
					34	KR806MX2ME55	55							

Outline dimension table

Inquire specification sheets and drawings in case of actual work planing

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



* Foundation bolts are optional accessories. If you need them, please buy yourself.

• Recommend foundation bolt size: M16 x 200

Note) The base of following models and the suction bore 100mm models is steel plates.

KR-655Mx6-ME30, KR-655Mx6-ME37, KR-805Mx5-ME45, KR-805Mx4-ME55, KR-805Mx5-ME55, KR-806Gx2-ME55, KR-806Mx2-ME55, KR-806Gx3-ME55, KR-806Mx3-ME55.

KR-M/HD/002 E

KR-M Type

50Hz

unit: mm KR-M/Hd/511, 521 E

Suction bore mm	Discharge bore mm	Model	Motor		Pump		Base								Combinations					Mass kg
			kW	SC	PL	BI	BL	BA	BM	BP1	BP2	BW1	BW2	DH	SH	TL	AD	E	AS	
50	40	KR505MX2ME5.5	5.5	190	630	35	1005	145	630	310	310	360	360	450	260	*1114	115	115	240	178
		KR505MX2ME7.5	7.5	190	630	35	1005	145	630	310	310	360	360	450	260	*1114	115	115	240	188
		KR505MX3ME5.5	5.5	190	690	35	1005	145	630	310	310	360	360	450	260	1144	55	175	240	191
		KR505MX3ME7.5	7.5	190	690	35	1005	145	630	310	310	360	360	450	260	1144	55	175	240	201
		KR505MX3ME11	11	190	690	35	1170	170	800	310	380	360	430	450	260	1268	25	205	210	237
		KR505MX4ME7.5	7.5	190	750	35	1005	145	630	310	310	360	360	450	260	1204	-5	235	240	214
		KR505MX4ME11	11	190	750	35	1170	170	800	310	380	360	430	450	260	1328	-35	265	210	250
		KR505MX4ME15	15	190	750	35	1170	170	800	310	380	360	430	450	260	1328	-35	265	210	260
		KR505MX5ME11	11	190	810	35	1290	290	800	310	380	360	430	450	260	1388	-95	325	210	265
		KR505MX5ME15	15	190	810	35	1290	290	800	310	380	360	430	450	260	1388	-95	325	210	275
		KR505MX6ME11	11	190	870	35	1290	290	800	310	380	360	430	450	260	1448	-155	385	210	278
		KR505MX6ME15	15	190	870	35	1290	290	800	310	380	360	430	450	260	1448	-155	385	210	288
KR505MX6ME18	18.5	190	870	35	1290	290	800	310	380	360	430	450	260	1492	-155	385	210	308		
65	50	KR655MX2ME11	11	210	645	35	1170	170	800	310	380	360	430	470	260	*1233	75	160	210	239
		KR655MX2ME15	15	210	645	35	1170	170	800	310	380	360	430	470	260	*1233	75	160	210	249
		KR655MX3ME11	11	210	710	35	1170	170	800	310	380	360	430	470	260	1288	10	225	210	255
		KR655MX3ME15	15	210	710	35	1170	170	800	310	380	360	430	470	260	1288	10	225	210	265
		KR655MX3ME18	18.5	210	710	35	1170	170	800	310	380	360	430	470	260	1332	10	225	210	285
		KR655MX4ME15	15	210	775	35	1290	290	800	310	380	360	430	470	260	1353	-55	290	210	283
		KR655MX4ME18	18.5	210	775	35	1290	290	800	310	380	360	430	470	260	1397	-55	290	210	303
		KR655MX4ME22	22	210	775	35	1310	260	800	310	420	360	470	470	260	1422	-55	290	210	346
		KR655MX4ME30	30	210	775	35	1310	260	800	310	420	360	470	470	260	1498	-55	290	210	424
		KR655MX5ME18	18.5	210	840	35	1290	290	800	310	380	360	430	470	260	1462	-120	355	210	319
		KR655MX5ME22	22	210	840	35	1310	260	800	310	420	360	470	470	260	1487	-120	355	210	362
		KR655MX5ME30	30	210	840	35	1310	260	800	310	420	360	470	470	260	1563	-120	355	210	440
		KR655MX6ME30	30	210	905	7	1360	280	800	415	415	450	450	485	275	1628	-150	385	245	450
		KR655MX6ME37	37	210	905	7	1400	300	800	465	465	500	500	485	275	1659	-170	405	225	500
80	65	KR805MX2ME11	11	230	665	35	1170	170	800	310	380	360	430	490	260	1243	55	180	210	251
		KR805MX2ME15	15	230	665	35	1170	170	800	310	380	360	430	490	260	1243	55	180	210	261
		KR805MX2ME18	18.5	230	665	35	1170	170	800	310	380	360	430	490	260	1287	55	180	210	281
		KR805MX2ME22	22	230	665	35	1210	160	800	310	420	360	470	490	260	1312	55	180	210	324
		KR805MX2ME30	30	230	665	35	1210	160	800	310	420	360	470	490	260	1388	55	180	210	400
		KR805MX3ME18	18.5	230	740	35	1170	170	800	310	380	360	430	490	260	1362	-20	255	210	301
		KR805MX3ME22	22	230	740	35	1210	160	800	310	420	360	470	490	260	1387	-20	255	210	344
		KR805MX3ME30	30	230	740	35	1210	160	800	310	420	360	470	490	260	1463	-20	255	210	420
		KR805MX3ME37	37	230	740	35	1320	235	800	340	460	390	510	510	280	1494	-20	255	210	479
		KR805MX3ME45	45	230	740	35	1320	235	800	340	460	390	510	510	280	1494	-20	255	210	489
		KR805MX4ME30	30	230	815	35	1310	260	800	310	420	360	470	490	260	1538	-95	330	210	444
		KR805MX4ME37	37	230	815	35	1320	235	800	340	460	390	510	510	280	1569	-95	330	210	501
		KR805MX4ME45	45	230	815	35	1320	235	800	340	460	390	510	510	280	1569	-95	330	210	511
		KR805MX4ME55	55	230	823	7	1450	325	800	525	525	560	560	530	300	1654	-105	340	200	586
		KR805MX5ME45	45	230	890	7	1400	300	800	465	465	500	500	505	275	1644	-155	390	225	516
		KR805MX5ME55	55	230	898	7	1450	325	800	525	525	560	560	530	300	1729	-180	415	200	610
100	80	KR1005MX3ME45	45	260	831	7	1350	275	800	475	475	515	515	610	350	1585	-115	375	150	576
		KR1005MX3ME55	55	260	831	7	1450	325	800	520	520	560	560	610	350	1662	-80	340	185	639
		KR1005MX3ME75	75	260	831	7	1500	250	1000	575	575	615	615	610	350	1847	-5	265	260	783
		KR1005MX4ME55	55	260	916	7	1450	325	800	520	520	560	560	610	350	1747	-165	425	185	674
		KR1005MX4ME75	75	260	916	7	1500	250	1000	575	575	615	615	610	350	1932	-90	350	260	828
		KR1005MX4ME90	90	260	916	7	1500	250	1000	575	575	615	615	610	350	1932	-90	350	260	878

Note) The dimension on the table is not the edge of motor, but the edge of base.

< -> shows reverse direction to the drawing in this table.

KR-M Type

60Hz

unit: mm KR-M/Hd/611, 621 E

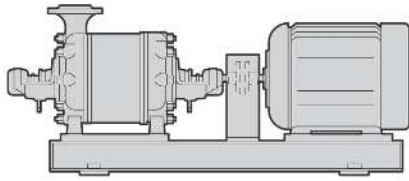
Suction bore mm	Discharge bore mm	Model	Motor		Pump			Base						Combinations					Mass kg	
			kW	SC	PL	BI	BL	BA	BM	BP1	BP2	BW1	BW2	DH	SH	TL	AD	E		AS
50	40	KR506MX2ME5.5	5.5	190	630	35	1005	145	630	310	310	360	360	450	260	*1114	115	115	240	178
		KR506MX2ME7.5	7.5	190	630	35	1005	145	630	310	310	360	360	450	260	*1114	115	115	240	188
		KR506MX2ME11	11	190	630	35	1170	170	800	310	380	360	430	450	260	*1233	85	145	210	224
		KR506MX3ME7.5	7.5	190	690	35	1005	145	630	310	310	360	360	450	260	1144	55	175	240	201
		KR506MX3ME11	11	190	690	35	1170	170	800	310	380	360	430	450	260	1268	25	205	210	237
		KR506MX3ME15	15	190	690	35	1170	170	800	310	380	360	430	450	260	1268	25	205	210	247
		KR506MX3ME18	18.5	190	690	35	1170	170	800	310	380	360	430	450	260	1312	25	205	210	267
		KR506MX4ME11	11	190	750	35	1170	170	800	310	380	360	430	450	260	1328	-35	265	210	250
		KR506MX4ME15	15	190	750	35	1170	170	800	310	380	360	430	450	260	1328	-35	265	210	260
		KR506MX4ME18	18.5	190	750	35	1170	170	800	310	380	360	430	450	260	1372	-35	265	210	280
		KR506MX4ME22	22	190	750	35	1310	260	800	310	420	360	470	450	260	1397	-35	265	210	325
		KR506MX5ME15	15	190	810	35	1290	290	800	310	380	360	430	450	260	1388	-95	325	210	275
		KR506MX5ME18	18.5	190	810	35	1290	290	800	310	380	360	430	450	260	1432	-95	325	210	295
KR506MX5ME22	22	190	810	35	1310	260	800	310	420	360	470	450	260	1457	-95	325	210	338		
KR506MX5ME30	30	190	810	35	1310	260	800	310	420	360	470	450	260	1533	-95	325	210	416		
65	50	KR656MX2ME11	11	210	645	35	1170	170	800	310	380	360	430	470	260	*1233	75	160	210	239
		KR656MX2ME15	15	210	645	35	1170	170	800	310	380	360	430	470	260	*1233	75	160	210	249
		KR656MX2ME18	18.5	210	645	35	1170	170	800	310	380	360	430	470	260	*1277	210	160	210	269
		KR656MX2ME22	22	210	645	35	1210	160	800	310	420	360	470	470	260	1292	75	160	210	312
		KR656MX3ME15	15	210	710	35	1170	170	800	310	380	360	430	470	260	1288	10	225	210	265
		KR656MX3ME18	18.5	210	710	35	1170	170	800	310	380	360	430	470	260	1332	10	225	210	285
		KR656MX3ME22	22	210	710	35	1210	160	800	310	420	360	470	470	260	1357	10	225	210	328
		KR656MX3ME30	30	210	710	35	1210	160	800	310	420	360	470	470	260	1433	10	225	210	406
		KR656MX3ME37	37	210	710	35	1320	235	800	340	460	390	510	490	280	*1474	10	225	210	465
		KR656MX4ME22	22	210	775	35	1310	260	800	310	420	360	470	470	260	1422	-55	290	210	346
KR656MX4ME30	30	210	775	35	1310	260	800	310	420	360	470	470	260	1498	-55	290	210	424		
KR656MX4ME37	37	210	775	35	1320	235	800	340	460	390	510	490	280	1529	-55	290	210	481		
KR656MX4ME45	45	210	775	35	1320	235	800	340	460	390	510	490	280	1529	-55	290	210	491		
80	65	KR806MX2ME18	18.5	230	665	35	1170	170	800	310	380	360	430	490	260	1287	55	180	210	281
		KR806MX2ME22	22	230	665	35	1210	160	800	310	420	360	470	490	260	1312	55	180	210	324
		KR806MX2ME30	30	230	665	35	1210	160	800	310	420	360	470	490	260	1388	55	180	210	400
		KR806MX2ME37	37	230	665	35	1320	235	800	340	460	390	510	510	280	*1474	55	180	210	459
		KR806MX2ME45	45	230	665	35	1320	235	800	340	460	390	510	510	280	*1474	55	180	210	469
		KR806MX2ME55	55	230	673	7	1450	325	800	525	525	560	560	530	300	*1639	45	190	200	546
		KR806MX3ME30	30	230	740	35	1210	160	800	310	420	360	470	490	260	1463	-20	255	210	420
		KR806MX3ME37	37	230	740	35	1320	235	800	340	460	390	510	510	280	1494	-20	255	210	479
		KR806MX3ME45	45	230	740	35	1320	235	800	340	460	390	510	510	280	1494	-20	255	210	489
KR806MX3ME55	55	230	748	7	1450	325	800	525	525	560	560	530	300	*1639	-30	265	200	566		
100	80	KR1006MX2ME45	45	260	746	7	1350	275	800	475	475	515	515	610	350	1500	-30	290	150	541
		KR1006MX2ME55	55	260	746	7	1450	325	800	520	520	560	560	610	350	*1647	5	255	185	604
		KR1006MX2ME75	75	260	746	7	1500	250	1000	575	575	615	615	610	350	*1832	80	180	260	758
		KR1006MX2ME90	90	260	746	7	1500	250	1000	575	575	615	615	610	350	*1832	80	180	260	808
		KR1006MX3ME75	75	260	831	7	1500	250	1000	575	575	615	615	610	350	1847	-5	265	260	758
		KR1006MX3ME90	90	260	831	7	1500	250	1000	575	575	615	615	610	350	1847	-5	265	260	843
KR1006MX3ME110	110	260	831	7	1500	250	1000	670	670	710	710	640	380	1941	-90	350	175	988		

Note) The dimension on the table is not the edge of motor, but the edge of base.

< - > shows reverse direction to the drawing in this table.

QMML Type High pressure turbine pump

2 pole



Application



Water supply for boiler

Features

- High pump efficiency and excellent pump performance
- The balance disk adoption for reducing the shaft thrust
- The mechanical seal adoption for shaft seal

Maximum suction total head (20°C)

Please inquire every time

Standard specifications

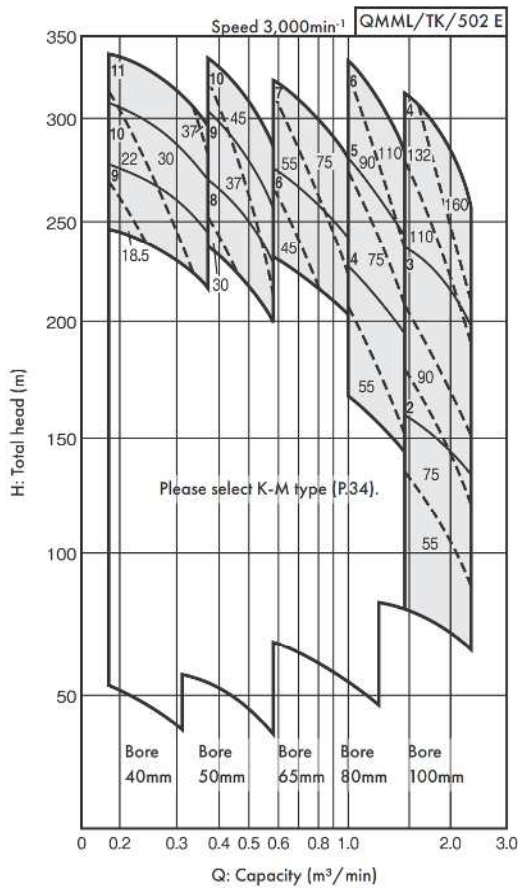
- Liquid Clean water 0~220°C (No freezing)
- Materials Impeller Cast iron
Shaft S45C
Casing Cast iron
- Shaft Mechanical seal
- Motor TEFC indoor.
Three phase
- Flange Suction side: JIS 10K standard type
Discharge side: JIS 20K type

Standard accessories

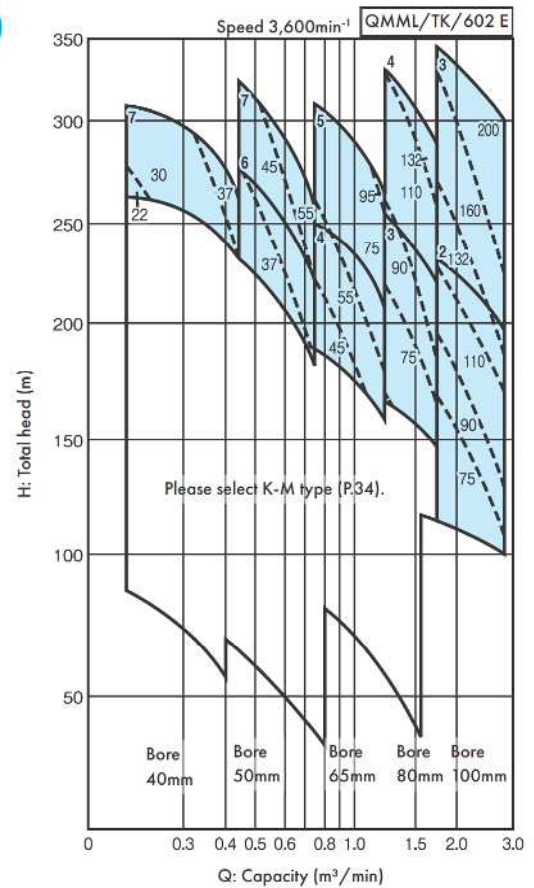
Motor, Base, Coupling, Foundation bolt, Companion Flange, Priming funnel

Selection chart

50Hz



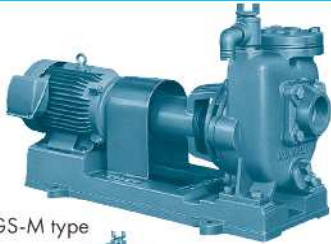
60Hz



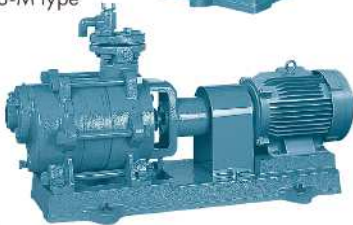
The boldfaced type in the selection chart shows the number of stage.
Also, the thin character shows the output (kW) of the motor.

GS-M · KS Type Self-priming pump

2 pole



GS-M type



KS type

Application



Please inquire in case drinking water application

Features

- Self-priming pump construction 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°C)

-6m (GS-405-MN0.4: -5m)

Standard specifications

- Liquid Clean water 0~40°C (No freezing)
- Materials GS-M Impeller Cast iron
Shaft SUS403 + S35C
Casing Cast iron
KS Impeller Bronze
Shaft SUS403 (Wetted part)
Casing Cast iron
- Shaft Gland packing sealing
- Motor TEFC indoor, Three phase

Standard accessories

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

Maximum back pressure

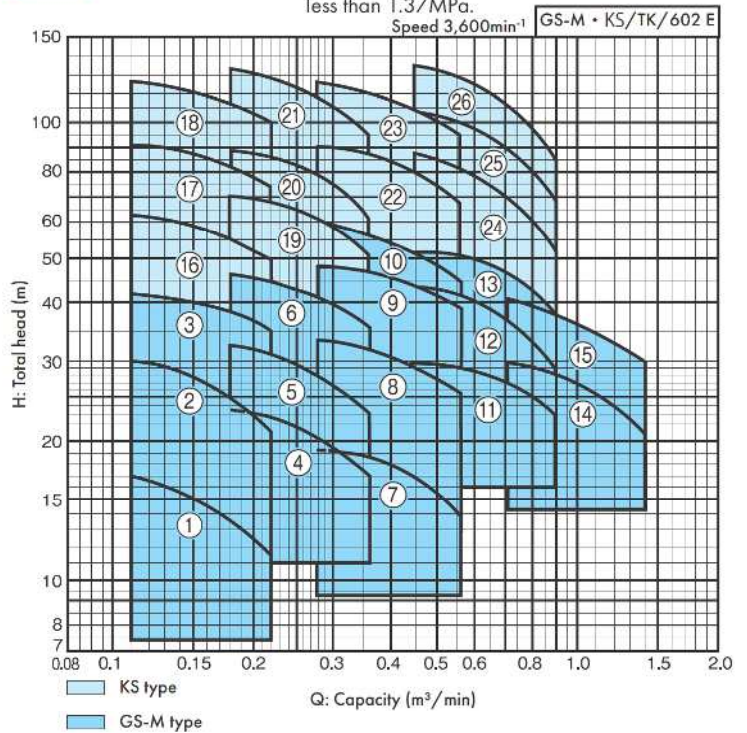
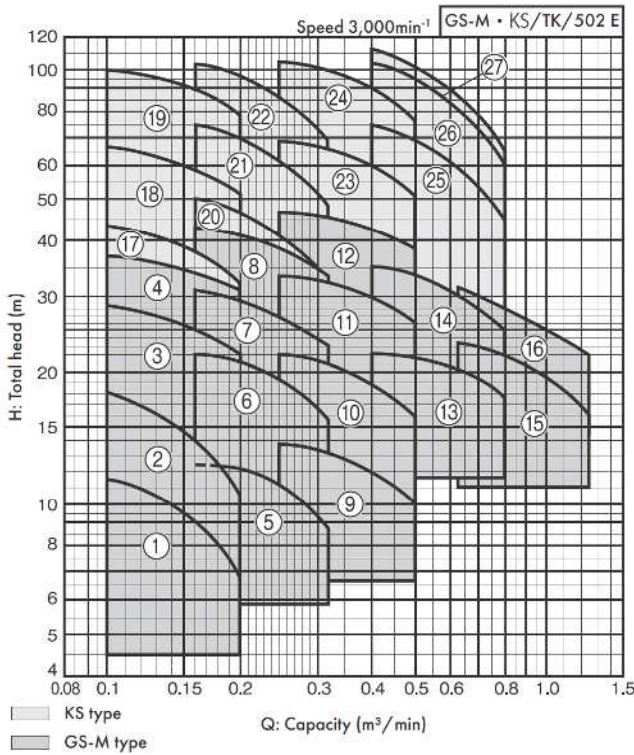
GS-M type	0.098MPa
KS type	0.39MPa

Note) Shut-off pressure + back pressure should be less than 1.37MPa.

Selection chart

50Hz

60Hz



Selection table

50Hz

GS-M

Bore mm	Ref.	Model	Motor kW	Standard specifications				GS-M/SI/502 E	
				Capacity		Total head		Vibration isolator application table	
				L/min	m	L/min	m		
40	1	GS-405-MN0.4	0.4	0.1	11.5	0.2	6.8	QRE-02A	PX-75Z
	2	GS405ME0.75	0.75	0.1	18	0.2	10.5	QRE-02A	PX-75Z
	3	GS405ME1.5	1.5	0.1	28.5	0.2	22	QRE-03A	PX-85Z
	4	GS405ME2.2	2.2	0.1	37	0.2	30.5	QRE-03A	PX-85Z
50	5	GS505ME0.75	0.75	0.16	12.5	0.32	8.8	QRE-03A	PX-75Z
	6	GS505ME1.5	1.5	0.16	22.2	0.32	15.5	QRE-06A	PX-75Z
	7	GS505ME2.2	2.2	0.16	31	0.32	23	PBKV-75-1006-01	PX-85Z
	8	GS505ME3.7	3.7	0.16	43	0.32	33.5	PBKV-70-1006-01	PX-85Z
65	9	GS655ME1.5	1.5	0.25	13.8	0.5	10	QRE-02A	PX-85Z
	10	GS655ME2.2	2.2	0.25	22	0.5	15.8	QRE-02A	PX-85Z
	11	GS655ME3.7	3.7	0.25	33.5	0.5	26	QRE-07B	PX-95Z
	12	GS655ME5.5	5.5	0.25	47	0.5	38.5	QRE-07B	PX-110Z
80	13	GS805ME3.7	3.7	0.4	22	0.8	17.5	QRE-07B	PX-95Z
	14	GS805ME5.5	5.5	0.4	35.5	0.8	25	QRE-07B	PX-110Z
100	15	GS1005ME5.5	5.5	0.63	23.5	1.25	16	QRE-07B	PX-110Z
	16	GS1005ME7.5	7.5	0.63	31	1.25	22	QRE-08B	PX-110Z

GS-M · KS Type

50Hz KS

Bore mm	Ref.	Model	Motor kW	Stage	Standard specifications				KS/SI/502 E	
					Capacity	Total head	Capacity	Total head	Vibration isolator application table	
					L/min	m	L/min	m		
40	17	KS405X2ME2.2	2.2	2	0.1	43	0.2	32	QRE-04D	PX-85Z
	18	KS405X3ME3.7	3.7	3	0.1	67	0.2	51	QRE-04D	PX-110Z
	19	KS405X4ME5.5	5.5	4	0.1	100	0.2	79	QRE-07B	PX-120Z
50	20	KS505X2ME3.7	3.7	2	0.16	50	0.32	33	QRE-04D	PX-110Z
	21	KS505X3ME5.5	5.5	3	0.16	75	0.32	49	QRE-05D	PX-110Z
	22	KS505X4ME7.5	7.5	4	0.16	103	0.32	69	QRE-08B	PX-120Z
65	23	KS655X2ME7.5	7.5	2	0.25	69	0.5	52	QRE-06D	PX-110Z
	24	KS655X3ME11	11	3	0.25	104	0.5	77	QRE-08B	PX-130Z
80	25	KS805X2ME11	11	2	0.4	75	0.8	45	QRE-08B	PX-120Z
	26	KS805X3ME15	15	3	0.4	103	0.8	60	QRE-09B	PX-130Z
	27	KS805X3ME18	18.5	3	0.4	111	0.8	65	QRE-09B	PX-S146Z

60Hz GS-M

Bore mm	Ref.	Model	Motor kW	Standard specifications				GS-M/SI/602 E	
				Capacity	Total head	Capacity	Total head	Vibration isolator application table	
				L/min	m	L/min	m		
40	1	GS406ME0.75	0.75	0.11	17	0.22	11.2	QRE-02A	PX-75Z
	2	GS406ME1.5	1.5	0.11	30	0.22	21	QRE-02A	PX-75Z
	3	GS406ME2.2	2.2	0.11	42	0.22	35	QRE-02A	PX-85Z
50	4	GS506ME1.5	1.5	0.18	23.5	0.36	17	QRE-02A	PX-75Z
	5	GS506ME2.2	2.2	0.18	32.5	0.36	23	QRE-02A	PX-75Z
	6	GS506ME3.7	3.7	0.18	46	0.36	35.5	QRE-02A	PX-85Z
65	7	GS656ME2.2	2.2	0.28	19.2	0.56	13.8	QRE-02A	PX-85Z
	8	GS656ME3.7	3.7	0.28	33.5	0.56	25.5	QRE-02A	PX-95Z
	9	GS656ME5.5	5.5	0.28	48.5	0.56	39	QRE-05D	PX-110Z
	10	GS656ME7.5	7.5	0.28	60	0.56	45	QRE-05D	PX-110Z
80	11	GS806ME5.5	5.5	0.45	29.5	0.9	23	QRE-05D	PX-110Z
	12	GS806ME7.5	7.5	0.45	44.5	0.9	28.5	QRE-05D	PX-110Z
	13	GS806ME11	11	0.45	51.5	0.9	37.8	QRE-08B	PX-120Z
100	14	GS1006ME7.5	7.5	0.71	30	1.4	21	QRE-06D	PX-110Z
	15	GS1006ME11	11	0.71	41	1.4	29.5	QRE-08B	PX-120Z

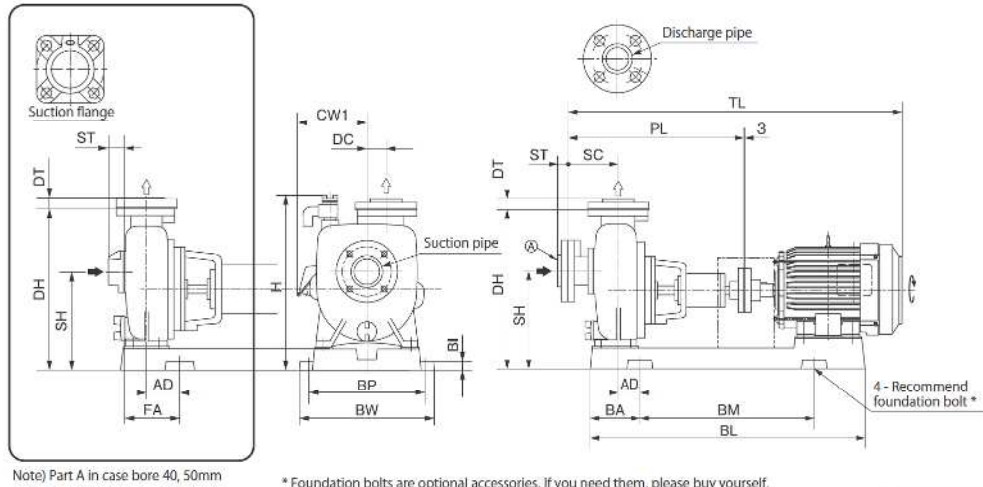
60Hz KS

Bore mm	Ref.	Model	Motor kW	Stage	Standard specifications				KS/SI/602 E	
					Capacity	Total head	Capacity	Total head	Vibration isolator application table	
					L/min	m	L/min	m		
40	16	KS406X2ME3.7	3.7	2	0.11	64	0.22	50	QRE-04D	PX-110Z
	17	KS406X3ME5.5	5.5	3	0.11	92	0.22	75	QRE-05D	PX-110Z
	18	KS406X4ME7.5	7.5	4	0.11	126	0.22	100	QRE-07B	PX-120Z
50	19	KS506X2ME5.5	5.5	2	0.18	71	0.36	52	QRE-05D	PX-110Z
	20	KS506X3ME7.5	7.5	3	0.18	89	0.36	64	QRE-05D	PX-110Z
	21	KS506X4ME11	11	4	0.18	134	0.36	96	QRE-08B	PX-130Z
65	22	KS656X2ME11	11	2	0.28	91	0.56	68	QRE-08B	PX-120Z
	23	KS656X3ME15	15	3	0.28	127	0.56	95	QRE-09B	PX-130Z
80	24	KS806X2ME15	15	2	0.45	88	0.9	52	QRE-09B	PX-120Z
	25	KS806X2ME18	18.5	2	0.45	109	0.9	70	QRE-09B	PX-130Z
	26	KS806X3ME22	22	3	0.45	134	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 type



Note) Part A in case bore 40, 50mm

* Foundation bolts are optional accessories. If you need them, please buy yourself.

• Recommend foundation bolt size: M12 x 160 (GS655ME3.7, 5.5 or more models: M16 x 200)

GS-M/D/001 E

50Hz

unit: mm GS-M/d/501 E

Bore mm	Model	Motor kW	Pump					Base					Combinations					Mass kg		
			SC	DC	PL	ST	DT	BI	BL	BA	BM	BP	BW	H	DH	SH	TL		AD	CW1
40	GS-405-MN0.4	0.4	55	35	390	38	25	20	558	127	320	220	254	396	322	207	630	62	—	42
	GS405ME0.75	0.75	55	35	390	38	25	20	576	127	320	220	254	396	322	207	655	62	145	48
	GS405ME1.5	1.5	50	50	428	38	25	20	668	137	400	250	284	412	372	227	743	77	158	62
	GS405ME2.2	2.2	50	50	404	38	25	20	689	137	400	310	344	437	395	240	719	77	—	86
50	GS505ME0.75	0.75	65	40	405	38	27	20	576	127	320	220	254	396	322	212	670	67	145	50
	GS505ME1.5	1.5	65	40	405	38	27	20	626	107	400	250	284	396	322	212	720	47	158	54
	GS505ME2.2	2.2	55	50	438	38	27	20	668	137	400	250	284	412	372	232	753	82	158	71
	GS505ME3.7	3.7	55	50	418	38	27	20	689	137	400	310	344	459	417	267	802	82	180	91
65	GS655ME1.5	1.5	143	52	489	31	31	20	698	167	400	250	284	434	392	242	804	87	158	77
	GS655ME2.2	2.2	143	52	489	31	31	20	698	167	400	250	284	434	392	242	804	87	158	81
	GS655ME3.7	3.7	143	55	503	31	31	25	750	172	400	310	354	497	455	280	887	92	180	115
	GS655ME5.5	5.5	143	55	503	31	31	25	788	142	500	340	384	497	455	280	957	62	197	131
80	GS805ME3.7	3.7	168	50	528	33	33	20	736	167	400	280	314	449	412	247	912	97	180	96
	GS805ME5.5	5.5	168	50	588	33	33	25	862	177	500	340	384	512	475	285	1042	82	197	147
	GS1005ME5.5	5.5	185	60	610	39	39	25	862	177	500	340	384	512	475	295	1064	87	197	155
	GS1005ME7.5	7.5	185	60	610	39	39	25	862	177	500	340	384	512	475	295	1064	87	197	162

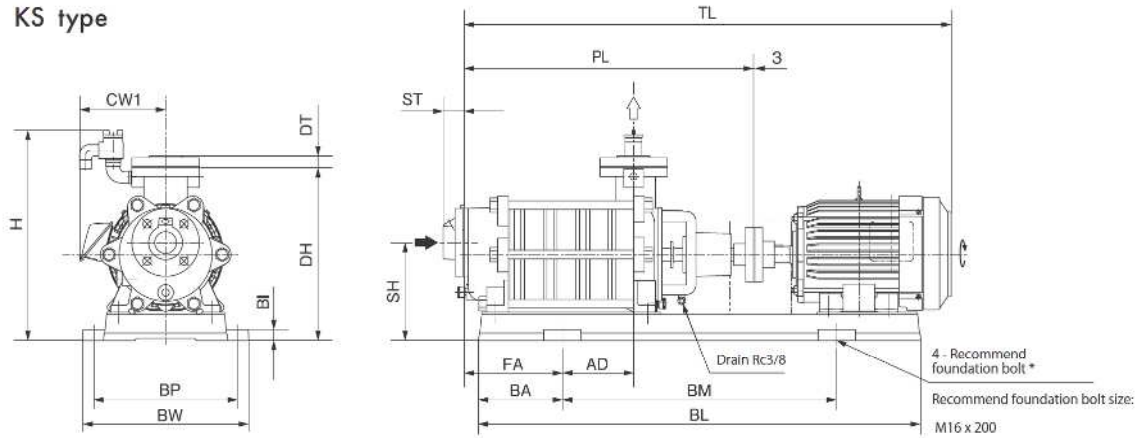
60Hz

unit: mm GS-M/d/601 E

Bore mm	Model	Motor kW	Pump					Base					Combinations					Mass kg		
			SC	DC	PL	ST	DT	BI	BL	BA	BM	BP	BW	H	DH	SH	TL		AD	CW1
40	GS406ME0.75	0.75	55	35	390	38	25	20	576	127	320	220	254	396	322	207	655	62	145	58
	GS406ME1.5	1.5	55	35	390	38	25	20	626	107	400	250	284	396	322	207	705	42	158	53
	GS406ME2.2	2.2	50	50	428	38	25	20	668	137	400	250	284	412	372	227	743	77	158	72
50	GS506ME1.5	1.5	65	40	405	38	27	20	626	107	400	250	284	396	322	212	720	47	158	54
	GS506ME2.2	2.2	65	40	405	38	27	20	626	107	400	250	284	396	322	212	720	47	158	61
	GS506ME3.7	3.7	55	50	442	38	27	20	711	152	400	280	314	412	372	232	826	97	180	86
65	GS656ME2.2	2.2	143	52	489	31	31	20	698	167	400	250	284	434	392	242	804	87	158	81
	GS656ME3.7	3.7	143	52	493	31	31	20	736	167	400	280	314	434	392	242	877	87	180	96
	GS656ME5.5	5.5	143	55	503	31	31	25	788	142	500	340	384	497	455	280	957	62	197	131
	GS656ME7.5	7.5	143	55	503	31	31	25	788	142	500	340	384	497	455	280	957	62	197	139
80	GS806ME5.5	5.5	168	50	588	33	33	25	862	177	500	340	384	512	475	285	1042	82	197	147
	GS806ME7.5	7.5	168	50	588	33	33	25	862	177	500	340	384	512	475	285	1042	82	197	160
	GS806ME11	11	168	50	588	33	33	25	984	177	630	380	424	512	475	285	1166	82	266	184
100	GS1006ME7.5	7.5	185	60	610	39	39	25	862	177	500	340	384	512	475	295	1064	87	197	162
	GS1006ME11	11	185	60	610	39	39	25	984	177	630	380	424	512	475	295	1188	87	266	189

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

KS type



* Foundation bolts are optional accessories. If you need them, please buy yourself.

KS/D/001 E

50Hz

unit: mm KS/d/501 E

Bore mm	Model	Motor kW	Pump			Base						Combinations						Mass kg	
			PL	ST	DT	BI	BL	BA	BM	BP	BW	H	DH	SH	TL	AD	FA		CW1
40	KS405X2ME2.2	2.2	550	45	25	25	740	140	500	315	371	481	395	232	865	62	168	—	107
	KS405X3ME3.7	3.7	625	45	25	25	866	183	500	315	367	481	395	232	1009	99	206	—	134
	KS405X4ME5.5	5.5	700	45	25	25	1016	193	630	330	382	481	395	232	1154	164	216	197	164
50	KS505X2ME3.7	3.7	563	48	27	25	866	183	500	315	367	481	395	225	947	65	175	—	126
	KS505X3ME5.5	5.5	638	48	27	25	916	208	500	330	382	481	395	225	1092	78	237	197	153
	KS505X4ME7.5	7.5	713	48	27	25	1016	193	630	330	382	481	395	225	1167	164	226	197	173
65	KS655X2ME7.5	7.5	619	48	31	25	918	209	500	355	407	511	425	250	1073	7	251	—	169
	KS655X3ME11	11	694	48	31	25	1076	223	630	385	437	511	425	250	1272	68	265	266	216
80	KS805X2ME11	11	654	53	33	25	1016	193	630	385	437	531	445	245	1232	30	250	266	206
	KS805X3ME15	15	739	53	33	25	1136	253	630	385	437	531	445	245	1317	40	315	266	233
	KS805X3ME18	18.5	739	53	33	25	1136	253	630	385	437	531	445	245	1361	40	315	266	253

60Hz

unit: mm KS/d/601 E

Bore mm	Model	Motor kW	Pump			Base						Combinations						Mass kg	
			PL	ST	DT	BI	BL	BA	BM	BP	BW	H	DH	SH	TL	AD	FA		CW1
40	KS406X2ME3.7	3.7	550	45	25	25	866	183	500	315	367	481	395	232	934	65	165	—	123
	KS406X3ME5.5	5.5	625	45	25	25	916	208	500	330	382	481	395	232	1079	78	227	197	151
	KS406X4ME7.5	7.5	700	45	25	25	1016	193	630	330	382	481	395	232	1154	164	216	197	172
50	KS506X2ME5.5	5.5	563	48	27	25	816	158	500	330	382	481	395	225	1017	43	197	197	140
	KS506X3ME7.5	7.5	638	48	27	25	916	208	500	330	382	481	395	225	1092	78	237	197	162
	KS506X4ME11	11	718	48	27	25	1106	238	630	385	437	509	423	253	1296	120	270	266	212
65	KS656X2ME11	11	619	48	31	25	1016	193	630	385	437	511	425	250	1197	30	228	266	202
	KS656X3ME15	15	694	48	31	25	1076	223	630	385	437	511	425	250	1272	68	265	266	227
80	KS806X2ME15	15	654	53	33	25	1016	193	630	385	437	531	445	245	1232	30	250	266	217
	KS806X2ME18	18.5	660	53	33	25	1076	223	630	385	437	531	445	245	1282	8	272	266	237
	KS806X3ME22	22	746	53	33	25	1136	253	630	425	477	551	465	265	1393	37	318	289	289

TVS Type Self-priming turbine pump

4 pole



Application



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°C)

-6m (Bore 150mm: -5.5m)

Maximum back pressure

0.20MPa

Standard specifications

- Liquid Clean water 0~40°C (No freezing)
- Materials Impeller Cast iron
Shaft SUS403
Casing Cast iron
- Shaft sealing Gland packing
- Motor TEFC indoor.
Three phase

Standard accessories

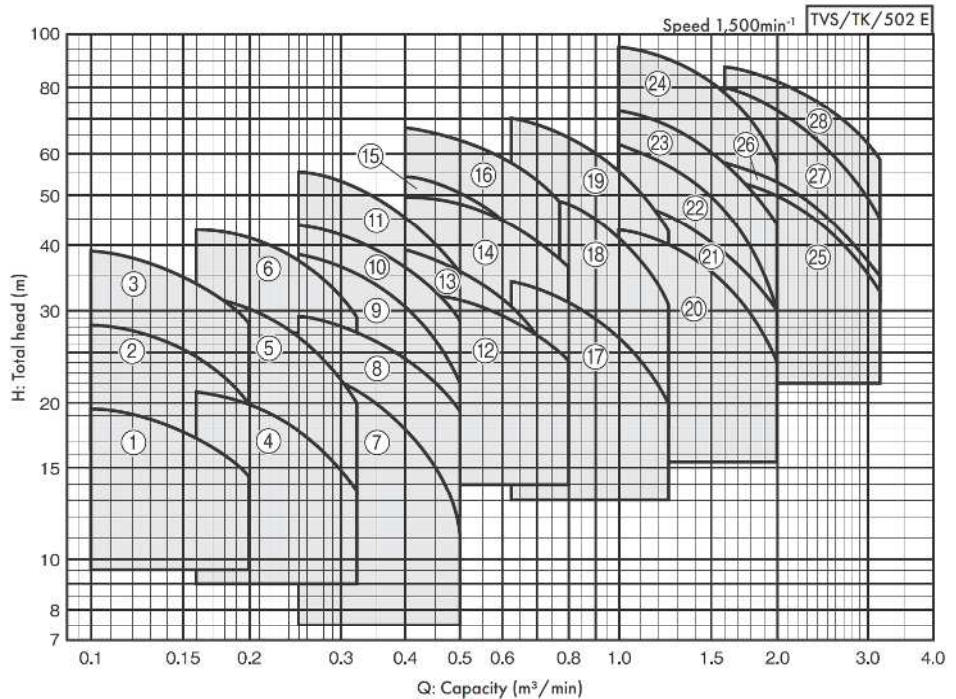
Motor, Base, Coupling, Companion flanges, Coupling cover, Priming and exhaust valve, Strainer

Types

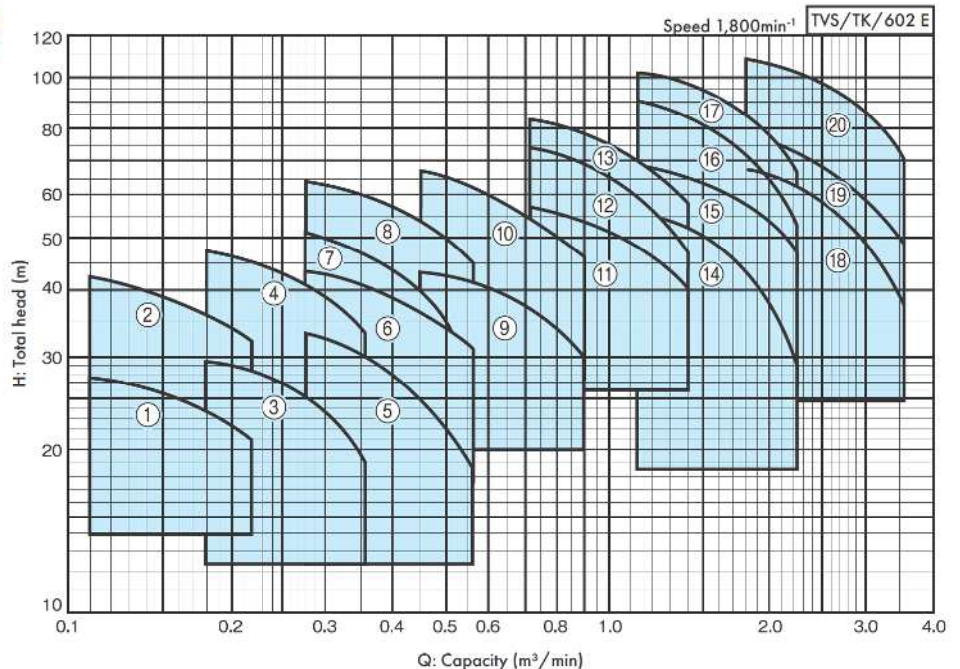
- TVS : Suction direction Left (from motor side)
- TVS-R : Suction direction Right

Selection chart

50Hz



60Hz



Selection table

50Hz

Bore mm	Ref.	Model	Motor kW	Stage	Standard specifications				TVS/SI/502 E	
					Capacity	Total head	Capacity	Total head	Vibration isolator application table	
					L/min	m	L/min	m		
40	1	TVS405X2ME1.5	1.5	2	0.1	19.5	0.2	14.5	QRE-02A	PX-85Z
	2	TVS405X3ME1.5	1.5	3	0.1	28	0.2	20	QRE-02A	PX-85Z
	3	TVS405X4ME2.2	2.2	4	0.1	39	0.2	28.5	QRE-04A	PX-95Z
50	4	TVS505X2ME1.5	1.5	2	0.16	21	0.32	13.5	QRE-02A	PX-85Z
	5	TVS505X3ME2.2	2.2	3	0.16	32	0.32	20	QRE-04A	PX-95Z
	6	TVS505X4ME3.7	3.7	4	0.16	43	0.32	29	QRE-05A	PX-110Z
65	7	TVS655X2ME2.2	2.2	2	0.25	23	0.5	11.5	QRE-04A	PX-95Z
	8	TVS655X2ME3.7	3.7	2	0.25	29	0.5	19.5	QRE-05A	PX-95Z
	9	TVS655X3ME3.7	3.7	3	0.25	38.5	0.5	22	QRE-05A	PX-110Z
	10	TVS655X3ME5.5	5.5	3	0.25	44	0.5	29	QRE-05D	PX-110Z
	11	TVS655X4ME5.5	5.5	4	0.25	55	0.5	35.5	QRE-06D	PX-110Z
80	12	TVS805X2ME5.5	5.5	2	0.4	33	0.8	24	QRE-06D	PX-110Z
	13	TVS805X3ME5.5	5.5	3	0.4	38.5	0.8	21	QRE-08B	PX-130Z
	14	TVS805X3ME7.5	7.5	3	0.4	50	0.8	36.5	QRE-08B	PX-130Z
	15	TVS805X4ME7.5	7.5	4	0.4	54	0.8	30	QRE-08B	PX-130Z
	16	TVS805X4ME11	11	4	0.4	67	0.8	47	QRE-09B	PX-130Z
100	17	TVS1005X2ME7.5	7.5	2	0.63	34.5	1.25	19.5	QRE-09B	PX-120Z
	18	TVS1005X3ME11	11	3	0.63	52	1.25	31	QRE-12D	PX-S146Z
	19	TVS1005X4ME15	15	4	0.63	70	1.25	42	QRE-12D	PX-S146Z
125	20	TVS1255X2ME15	15	2	1	43	2	23.5	QRE-13F	PX-S146Z
	21	TVS1255X2ME18	18.5	2	1	48	2	29.5	PBKV-140-1509-01	PX-S161Z
	22	TVS1255X3ME22	22	3	1	62	2	29.5	PBKV-140-1509-01	PX-S161Z
	23	TVS1255X3ME30	30	3	1	72	2	43	PBKV-140-1509-01	PX-S161Z
	24	TVS1255X4ME37	37	4	1	95	2	57	PBKV-155-20012-11	PX-S181Z
150	25	TVS1505X2ME30	30	2	1.6	54	3.15	33	PBKV-145-1509-11	PX-S161ZA
	26	TVS1505X2ME37	37	2	1.6	57	3.15	35	PBKV-155-20012-12	PX-S181Z
	27	TVS1505X3ME45	45	3	1.6	80	3.15	45	PBKV-155-20012-12	PX-S181Z
	28	TVS1505X3ME55	55	3	1.6	88	3.15	59	PBKV-170-20012-15	OMT-P11553

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

60Hz

Bore mm	Ref.	Model	Motor kW	Stage	Standard specifications				TVS/SI/604 E	
					Capacity	Total head	Capacity	Total head	Vibration isolator application table	
					L/min	m	L/min	m		
40	1	TVS406X2ME1.5	1.5	2	0.11	27.5	0.22	21	QRE-02A	PX-85Z
	2	TVS406X3ME2.2	2.2	3	0.11	42	0.22	32	QRE-02A	PX-95Z
50	3	TVS506X2ME2.2	2.2	2	0.18	29.5	0.36	19	QRE-04A	PX-95Z
	4	TVS506X3ME3.7	3.7	3	0.18	47	0.36	33	QRE-05A	PX-110Z
65	5	TVS656X2ME3.7	3.7	2	0.28	33	0.56	18.5	QRE-05A	PX-95Z
	6	TVS656X2ME5.5	5.5	2	0.28	42.5	0.56	31	QRE-05D	PX-95Z
	7	TVS656X3ME5.5	5.5	3	0.28	50.5	0.56	29	QRE-05D	PX-110Z
	8	TVS656X3ME7.5	7.5	3	0.28	64	0.56	45	QRE-06D	PX-110Z
80	9	TVS806X2ME7.5	7.5	2	0.45	43	0.9	30	QRE-06D	PX-110Z
	10	TVS806X3ME11	11	3	0.45	66	0.9	45	QRE-09B	PX-130Z
100	11	TVS1006X2ME15	15	2	0.71	57.5	1.4	40	QRE-10B	PX-S146Z
	12	TVS1006X3ME18	18.5	3	0.71	74.5	1.4	46	QRE-13D	PX-S146Z
	13	TVS1006X3ME22	22	3	0.71	83.5	1.4	58	QRE-13D	PX-S146Z
125	14	TVS1256X2ME22	22	2	1.12	56	2.24	28	PBKV-140-1509-01	PX-S161Z
	15	TVS1256X2ME30	30	2	1.12	69	2.24	47.5	PBKV-140-1509-01	PX-S161Z
	16	TVS1256X3ME37	37	3	1.12	90	2.24	53	PBKV-155-20012-11	PX-S181Z
	17	TVS1256X3ME45	45	3	1.12	102	2.24	66	PBKV-155-20012-11	PX-S181Z
150	18	TVS1506X2ME45	45	2	1.8	68	3.55	37	PBKV-155-20012-12	PX-S181Z
	19	TVS1506X2ME55	55	2	1.8	78	3.55	48	PBKV-170-20012-15	PX-180ZB
	20	TVS1506X3ME75	75	3	1.8	109	3.55	70	PBKV-170-20012-13	OMT-P11553

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

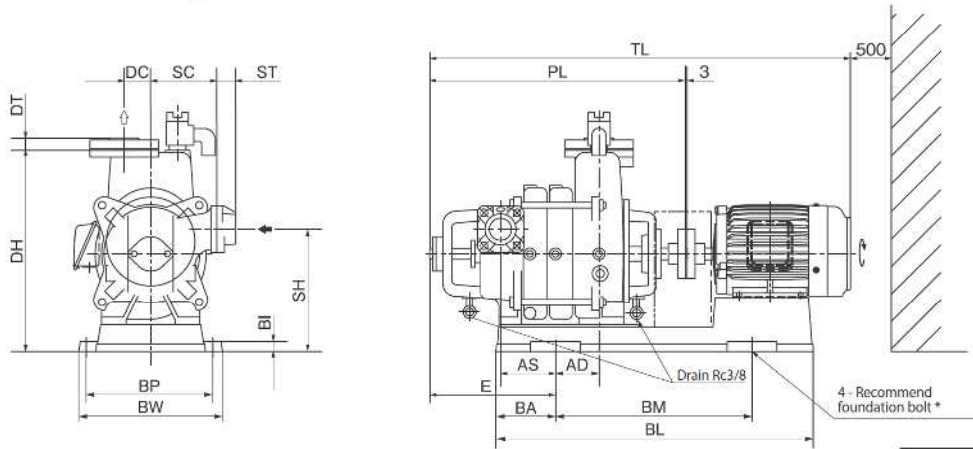
TVS Type

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

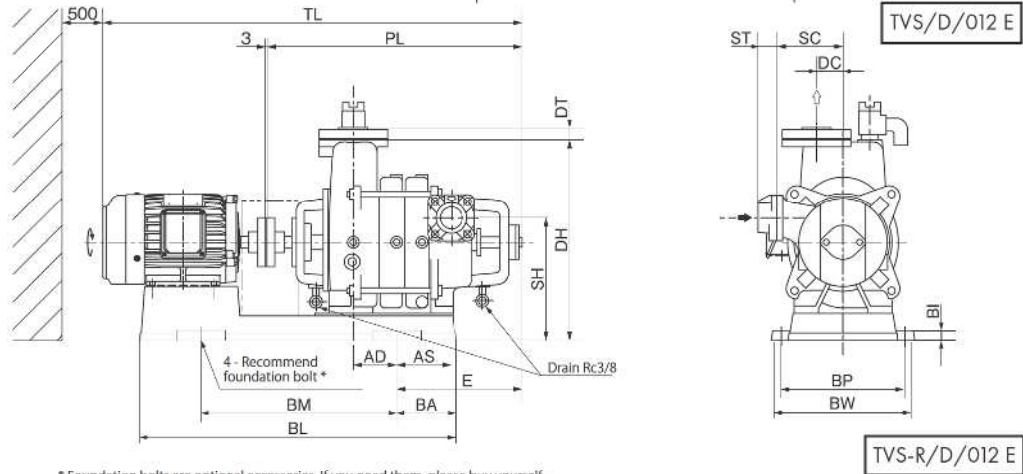
● Bore 40 ~ 65mm

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

TVS type



TVS-R type



* Foundation bolts are optional accessories. If you need them, please buy yourself.
 • Recommend foundation bolt size: M12 x 160 (5.5kW or more models: M16 x 200)

50Hz

Bore mm	Model	Motor kW	Pump					Base					Combinations					Mass kg		
			SC	DC	PL	ST	DT	BI	BL	BA	BM	BP	BW	DH	SH	TL	AD		E	AS
40	TVS405X2ME1.5	1.5	135	54	460	39	25	20	646	121	400	253	293	410	250	778	72	222	77	99
	TVS405X3ME1.5	1.5	135	54	522	39	25	20	646	121	400	253	293	410	250	840	89	257	112	111
	TVS405X4ME2.2	2.2	135	54	574	39	25	20	736	161	400	255	295	410	250	932	101	297	152	135
50	TVS505X2ME1.5	1.5	150	54	529	39	27	20	648	121	400	251	291	445	265	847	51	274	110	105
	TVS505X3ME2.2	2.2	150	54	586	39	27	20	728	161	400	259	299	445	265	945	68	314	150	140
	TVS505X4ME3.7	3.7	150	54	643	39	27	25	818	157	500	280	320	455	275	1018	135	304	140	169
65	TVS655X2ME2.2	2.2	200	50	529	43	31	20	732	167	400	310	344	465	300	888	47	267	112	131
	TVS655X2ME3.7	3.7	200	50	529	43	31	20	751	179	400	310	348	465	300	904	53	261	106	140
	TVS655X3ME3.7	3.7	200	50	594	43	31	25	821	161	500	310	348	478	313	969	136	242	88	162
	TVS655X3ME5.5	5.5	200	50	594	43	31	25	846	173	500	340	388	478	313	1024	107	272	117	182
	TVS655X4ME5.5	5.5	200	50	659	43	31	25	923	211	500	340	388	478	313	1089	144	300	145	199

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

60Hz

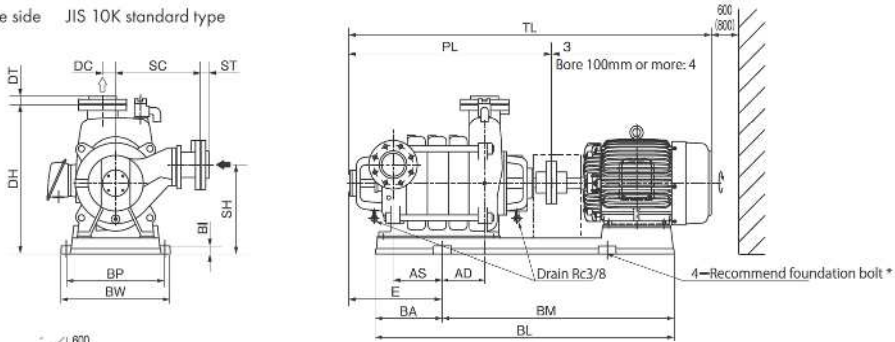
Bore mm	Model	Motor kW	Pump					Base					Combinations					Mass kg		
			SC	DC	PL	ST	DT	BI	BL	BA	BM	BP	BW	DH	SH	TL	AD		E	AS
40	TVS406X2ME1.5	1.5	135	54	460	39	25	20	646	121	400	253	293	410	250	778	72	223	77	111
	TVS406X3ME2.2	2.2	135	54	522	39	25	20	726	161	400	255	295	410	250	881	76	271	125	127
50	TVS506X2ME2.2	2.2	150	54	529	39	27	20	728	161	400	259	299	445	265	888	41	284	120	124
	TVS506X3ME3.7	3.7	150	54	586	39	27	25	818	157	500	280	320	455	275	961	108	274	110	158
65	TVS656X2ME3.7	3.7	200	50	529	43	31	20	751	174	400	310	348	465	300	904	53	261	106	140
	TVS656X2ME5.5	5.5	200	50	529	43	31	25	796	148	500	340	388	478	313	959	82	232	77	168
	TVS656X3ME5.5	5.5	200	50	594	43	31	25	846	173	500	340	388	478	313	1024	107	272	117	182
	TVS656X3ME7.5	7.5	200	50	594	43	31	25	896	198	500	340	388	478	313	1062	94	285	130	196

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

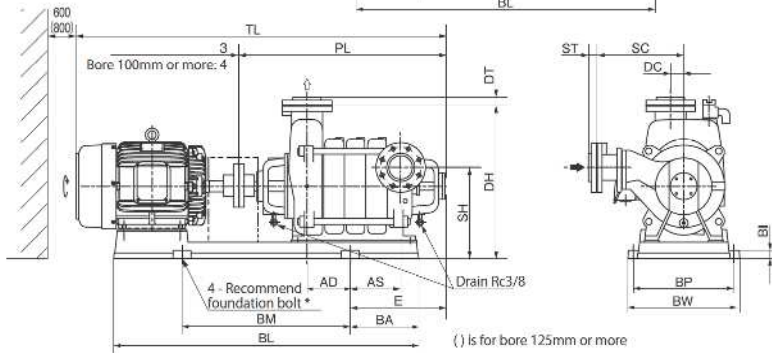
●Bore 80 ~ 150mm

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

TVS type



TVS-R type



* Foundation bolts are optional accessories. If you need them, please buy yourself. Recommend foundation bolt size: M16 x 200 (M20 x 250)
Note) The base of the suction bore 125mm or more models is steel plates. (Except TVS (R) 1255 x 2ME14, TVS (R) 1506x3ME75)

TVS(-R)/D/021 E

50Hz

Bore mm	Model	Motor kW	Pump					Base						Combinations						Mass kg
			SC	DC	PL	ST	DT	BI	BL	BA	BM	BP	BW	DH	SH	TL	AD	E	AS	
80	TVS805X2ME5.5	5.5	323	50	614	33	33	30	895	198	500	340	384	568	338	1044	58	302	132	209
	TVS805X3ME5.5	5.5	323	50	694	33	33	30	1080	225	630	340	384	568	338	1125	216	225	54	231
	TVS805X3ME7.5	7.5	323	50	694	33	33	30	1080	225	630	340	384	568	338	1163	216	225	54	244
	TVS805X4ME7.5	7.5	323	50	775	33	33	30	1080	225	630	340	384	568	338	1243	216	304	134	264
	TVS805X4ME11	11	323	50	774	33	33	30	1142	256	630	375	419	568	338	1341	162	358	188	314
100	TVS1005X2ME7.5	7.5	355	60	712	39	39	35	970	170	630	380	424	663	393	1182	142	300	73	281
	TVS1005X3ME11	11	355	60	802	39	39	35	1270	235	800	380	424	663	393	1369	247	285	58	367
	TVS1005X4ME15	15	355	60	892	39	39	35	1270	235	800	380	424	663	393	1491	247	375	148	428
125	TVS1255X2ME15	15	405	70	798	43	43	40	1174	185	800	435	503	768	473	1397	174	329	86	470
	TVS1255X2ME18	18.5	405	70	798	43	43	7	1386	218	800	435	515	788	493	1467	243	260	17	573
	TVS1255X3ME22	22	405	70	913	43	43	7	1386	218	800	435	515	788	493	1582	243	365	122	649
	TVS1255X3ME30	30	405	70	913	43	43	7	1386	218	800	435	515	788	493	1655	243	365	122	678
	TVS1255X4ME37	37	405	70	1018	43	43	7	1550	263	1000	476	555	788	493	1866	315	398	155	835
150	TVS1505X2ME30	30	465	85	911	43	43	7	1400	256	800	475	555	873	543	1653	151	425	149	735
	TVS1505X2ME37	37	465	85	911	43	43	7	1550	264	1000	535	603	893	563	1759	254	322	46	860
	TVS1505X3ME45	45	465	85	1041	43	43	7	1550	264	1000	535	603	893	563	1889	254	443	166	918
	TVS1505X3ME55	55	465	85	1041	43	43	7	1600	323	1000	595	663	893	563	1896	202	494	218	1113

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

60Hz

Bore mm	Model	Motor kW	Pump					Base						Combinations						Mass kg
			SC	DC	PL	ST	DT	BI	BL	BA	BM	BP	BW	DH	SH	TL	AD	E	AS	
80	TVS806X2ME7.5	7.5	323	50	614	33	33	30	895	198	500	340	384	568	338	1083	58	302	132	223
	TVS806X3ME11	11	323	50	694	33	33	30	1142	256	630	375	419	568	338	1260	162	278	108	301
100	TVS1006X2ME15	15	355	60	712	39	39	35	1176	188	800	380	424	663	393	1311	197	245	18	365
	TVS1006X3ME18	18.5	355	60	803	39	39	35	1209	185	800	420	464	663	393	1472	189	343	116	450
	TVS1006X3ME22	22	355	60	803	39	39	35	1209	185	800	420	464	663	393	1472	189	343	116	468
125	TVS1256X2ME22	22	405	70	798	43	43	7	1386	218	800	435	515	788	493	1467	243	260	17	556
	TVS1256X2ME30	30	405	70	798	43	43	7	1386	218	800	435	515	788	493	1540	243	260	17	590
	TVS1256X3ME37	37	405	70	913	43	43	7	1550	263	1000	476	555	788	493	1761	315	293	50	749
	TVS1256X3ME45	45	405	70	913	43	43	7	1550	263	1000	476	555	788	493	1761	315	293	50	753
150	TVS1506X2ME45	45	465	85	911	43	43	7	1550	264	1000	535	603	893	563	1759	254	322	46	826
	TVS1506X2ME55	55	465	85	911	43	43	7	1600	323	1000	595	663	893	563	1766	202	374	98	977
	TVS1506X3ME75	75	465	85	1040	43	43	60	1631	315	1000	595	663	893	563	1963	202	494	218	1099

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

KUR₃² • KURH₃² Type

Stainless steel submersible turbine pump installed in reservoir (KUR), Hot water spring (KURH)



Please consult in case of operation together with pressure tank

Application



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

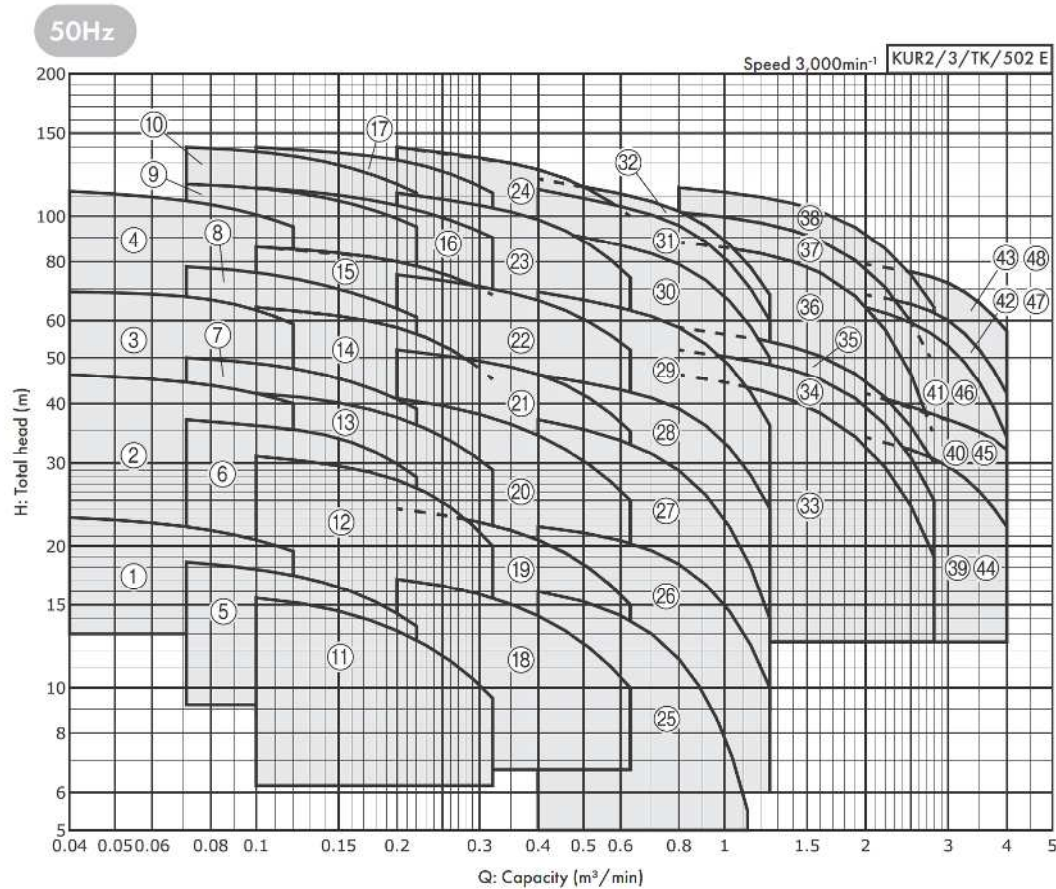
- Liquid KUR₃ type
Clean water 0~30°C (No freezing)
(0.75kW~3.7kW: 0~35°C)
- KURH₃ type
Hot water 0~60°C (No freezing)
- Materials Impeller SCS13
(Bronze in case bore 80mm or more)
Shaft SUS403 or SUS303
Casing SCS13
(Suction casing SUS304)
Valve disk
Bronze + Rubber
- Motor Canned type submersible motor
Three phase

Standard accessories

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

Selection chart

KUR₃ type



* There are cases in which the specification of Ref. 31 and 32 are changed.

KUR₃² • KURH₃² Type

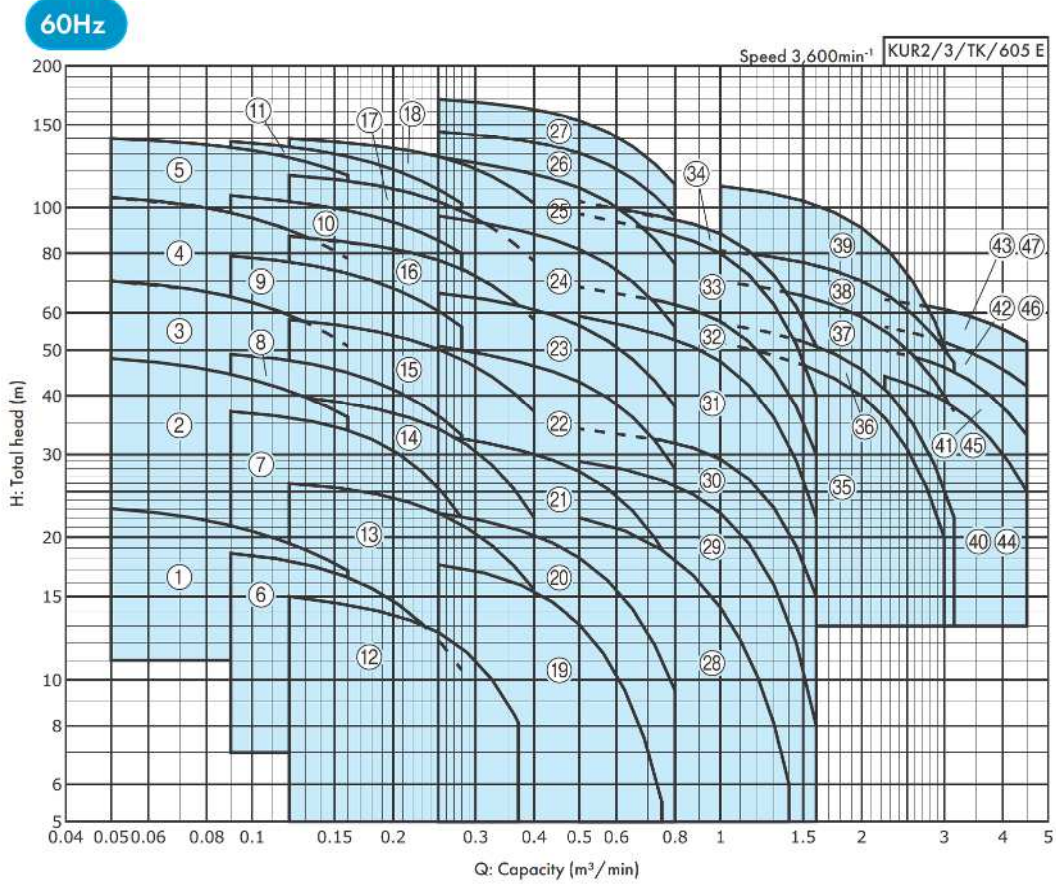
Selection table

50Hz

Bore mm	Ref.	Model	Motor kW	Stage	Standard specifications			
					Capacity L/min	Total head m	Capacity L/min	Total head m
KUR2/3/HSI/522 E								
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
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
	31	KUR2-805-18 *	18.5	5	0.4	114	1.25	60
	32	KUR2-805-22 *	22	5	0.4	120	1.25	68
100	33	KUR2-1005-15	15	1	0.8	46	2.8	19
	34	KUR2-1005-18C	18.5	1	0.8	52	2.8	25
	35	KUR2-1005-22	22	1	0.8	58	2.8	30
	36	KUR2-1005-30	30	2	0.8	88	2.8	34
	37	KUR2-1005-37	37	2	0.8	102	2.8	48
	38	KUR2-1005-45	45	2	0.8	115	2.8	64
125	39	KUR2-1255-22	22	1	2	34	4	22
	40	KUR2-1255-30	30	1	2	42	4	32
	41	KUR2-1255-37	37	2	2	64	4	34
	42	KUR2-1255-45	45	2	2	68	4	42
	43	KUR2-1255-55	55	2	2	79	4	57
150	44	KUR2-1505-22	22	1	2	34	4	22
	45	KUR2-1505-30	30	1	2	42	4	32
	46	KUR2-1505-37	37	2	2	64	4	34
	47	KUR2-1505-45	45	2	2	68	4	42
	48	KUR2-1505-55	55	2	2	79	4	57

* There are cases in which the specification of Ref. 31 and 32 are changed.

KUR₃² • KURH₃² Type



60Hz

Bore mm	Ref.	Model	Motor kW	Stage	Standard specifications			
					Capacity L/min	Total head m	Capacity L/min	Total head 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
50	11	KUR2-406-7.5	7.5	4	0.09	138	0.28	102
	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
65	18	KUR2-506-11	11	4	0.12	140	0.4	102
	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
	26	KUR2-656-18	18.5	4	0.25	145	0.8	96
	27	KUR2-656-22	22	5	0.25	170	0.8	112

Note) The flange size of Ref. 26 and 27 are JIS 20K.

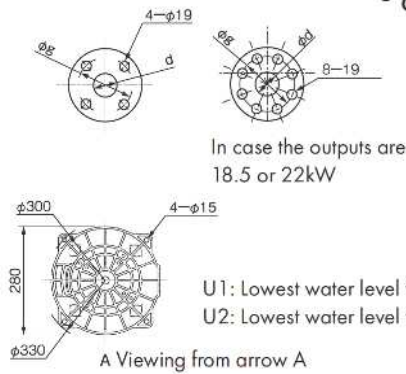
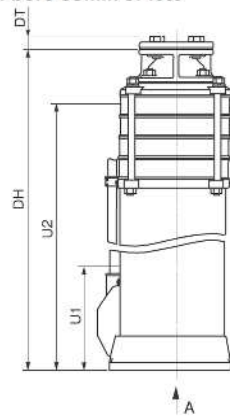
KUR₃² • KURH₃² Type

Bore mm	Ref.	Model	Motor kW	Stage	Standard specifications			
					Capacity		Total head	
					L/min	m	L/min	m
80	1	KUR3-806-3.7	3.7	1	0.5	22	1.4	6
	2	KUR2-806-5.5	5.5	1	0.5	29	1.6	8
	3	KUR2-806-7.5	7.5	1	0.5	34	1.6	15
	4	KUR2-806-11	11	2	0.5	59	1.6	22
	5	KUR2-806-15	15	2	0.5	68	1.6	30
	6	KUR2-806-18	18.5	3	0.5	97	1.6	40
	7	KUR2-806-22 *	22	3	0.5	103	1.6	51
100	8	KUR2-1006-18C	18.5	1	1	52	3	20
	9	KUR2-1 006-22	22	1	1	57	3.15	22
	10	KUR2-1 006-30	30	1	1	70	3.15	37
	11	KUR2-1 006-37	37	1	1	81	3.15	47
	12	KUR2-1006-45	45	2	1	111	3.15	45
125	13	KUR2-1256-30	30	1	2.24	44	4.5	25
	14	KUR2-1256-37	37	1	2.24	50	4.5	33
	15	KUR2-1256-45	45	1	2.24	56	4.5	42
	16	KUR2-1256-55	55	1	2.24	64	4.5	52
150	17	KUR2-1506-30	30	1	2.24	44	4.5	25
	18	KUR2-1506-37	37	1	2.24	50	4.5	33
	19	KUR2-1506-45	45	1	2.24	56	4.5	42
	20	KUR2-1506-55	55	1	2.24	64	4.5	52

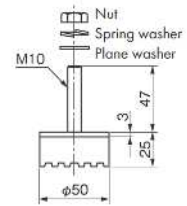
* There are cases in which the specification of Ref. 31 and 32 are changed.

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

- The drawing shows the example of bore 65mm or less



Cushion (Optional accessory)



U1: Lowest water level for operation
U2: Lowest water level for starting

KUR2/3/HD/512 E

50Hz

unit: mm KUR2/3/Hd/512 E

Bore mm	Model	Motor kW	Stage	Combinations						Mass kg
				DH	U1	U2	d	g	DT	
32	KUR2-325-0.75K	0.75	1	530	200	419	Rd1 1/4	100	25	32
	KUR2-325-1.5K	1.5	2	617	200	506	Rd1 1/4	100	25	39
	KUR3-325-2.2	2.2	3	699	200	607	Rd1 1/4	100	25	46
	KUR3-325-3.7	3.7	5	981	200	870	Rd1 1/4	100	25	67
40	KUR2-405-0.75K	0.75	1	530	200	419	Rciy1 1/2	105	25	32
	KUR2-405-1.5K	1.5	2	617	200	506	Rciy1 1/2	105	25	39
	KUR3-405-2.2	2.2	2	659	200	567	Rciy1 1/2	105	25	41
	KUR2-405-3.7	3.7	3	901	200	790	Rciy1 1/2	105	25	56
	KUR2-405-5.5	5.5	4	921	200	810	Rciy1 1/2	105	25	75
	KUR2-405-7.5	7.5	5	1021	200	910	Rciy1 1/2	105	25	85
	KUR2-405-11	11	5	1151	200	1040	Rc2	120	27	101
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	Rc2	120	27	39
	KUR3-505-2.2	2.2	2	659	200	567	Rc2	120	27	41
	KUR2-505-3.7	3.7	3	901	200	790	Rc2	120	27	56
	KUR2-505-5.5	5.5	3	881	200	770	Rc2	120	27	71
	KUR2-505-7.5	7.5	4	981	200	870	Rc2	120	27	81
	KUR2-505-11	11	5	1151	200	1040	Rc2	120	27	101
	KUR2-505-15	15	6	1346	200	1235	Rc2 1/2	140	31	115
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	547	Rc2 1/2	140	31	38
	KUR3-655-3.7	3.7	2	891	200	780	Rc2 1/2	140	31	52
	KUR2-655-5.5	5.5	2	871	200	760	Rc2 1/2	140	31	67
	KUR2-655-7.5	7.5	3	981	200	870	Rc2 1/2	140	31	78
	KUR2-655-11	11	5	1211	200	1100	Rc2 1/2	140	31	102

Note) Mass does not include cable weight.

KUR₃² • KURH₃² Type

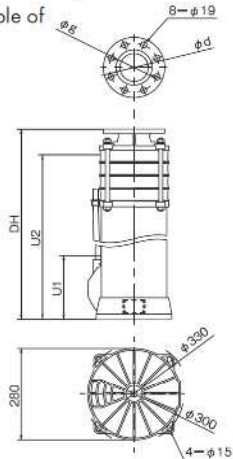
60Hz

unit: mm KURH2/3/Hd/613 E

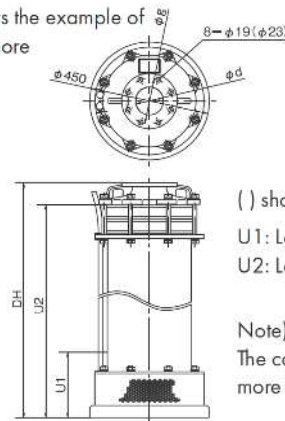
Bore mm	Model	Motor kW	Stage	Combinations						Mass kg
				DH	U1	U2	d	g	DT	
32	KUR2-326-0.75K	0.75	1	530	200	419	Rc1 1/4	100	25	32
	KUR2-326-1.5K	1.5	2	617	200	506	Rc1 1/4	100	25	39
	KUR3-326-2.2	2.2	3	699	200	607	Rc1 1/4	100	25	46
	KUR3-326-3.7	3.7	4	941	200	830	Rc1 1/4	100	25	61
	KUR2-326-5.5	5.5	4	921	200	810	Rc1 1/4	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	Rc1 1/2	105	25	39
	KUR3-406-2.2	2.2	2	659	200	567	Rc1 1/2	105	25	41
	KUR3-406-3.7	3.7	3	901	200	790	Rc1 1/2	105	25	56
	KUR2-406-5.5	5.5	3	881	200	770	Rc1 1/2	105	25	70
50	KUR2-406-7.5	7.5	4	981	200	870	Rc1 1/2	105	25	81
	KUR2-506-0.75K	0.75	1	530	200	419	Rc2	120	27	32
	KUR2-506-1.5K	1.5	1	577	200	466	Rc2	120	27	35
	KUR3-506-2.2	2.2	2	659	200	567	Rc2	120	27	41
	KUR3-506-3.7	3.7	2	861	200	750	Rc2	120	27	52
	KUR2-506-5.5	5.5	3	881	200	770	Rc2	120	27	70
65	KUR2-506-7.5	7.5	4	981	200	870	Rc2	120	27	81
	KUR2-506-11	11	4	1111	200	1000	Rc2	120	27	97
	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	547	Rc2 1/2	140	31	38
	KUR3-656-3.7	3.7	1	841	200	730	Rc2 1/2	140	31	48
	KUR2-656-5.5	5.5	2	871	200	760	Rc2 1/2	140	31	67
	KUR2-656-7.5	7.5	2	931	200	820	Rc2 1/2	140	31	74
	KUR2-656-11	11	3	1111	200	1000	Rc2 1/2	140	31	94
65	KUR2-656-15	15	4	1246	200	1135	Rc2 1/2	140	31	108
	KUR2-656-18 *	18.5	4	1318	200	1210	65	140	—	114
	KUR2-656-22 *	22	5	1448	200	1340	65	140	—	134

Note) Mass does not include cable weight.

- The drawing shows the example of bore 80mm or more



- The drawing shows the example of bore 100mm or more



() shows in case bore size 125 mm or more

U1: Lowest water level for operation

U2: Lowest water level for starting

Note)

The companion flange for bore 80mm or more is optional accessory

KUR2/3/HD/521 E

50Hz

unit: mm KURH2/3/Hd/521 E

Bore mm	Model	Motor kW	Stage	Combinations					Mass kg
				DH	U1	U2	d	g	
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
100	KUR2-805-15	15	4	1276	200	1181	80	150	106
	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
125	KUR2-1005-45	45	2	1501	250	1416	100	175	285
	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
150	KUR2-1255-55	55	2	1771	250	1641	125	210	330
	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
150	KUR2-1505-55	55	2	1771	250	1641	150	240	330

Note) Mass does not include cable weight. Inquire about bore size 80mm, output 18kW, 22kW.

KUR₃² • KURH₃² Type

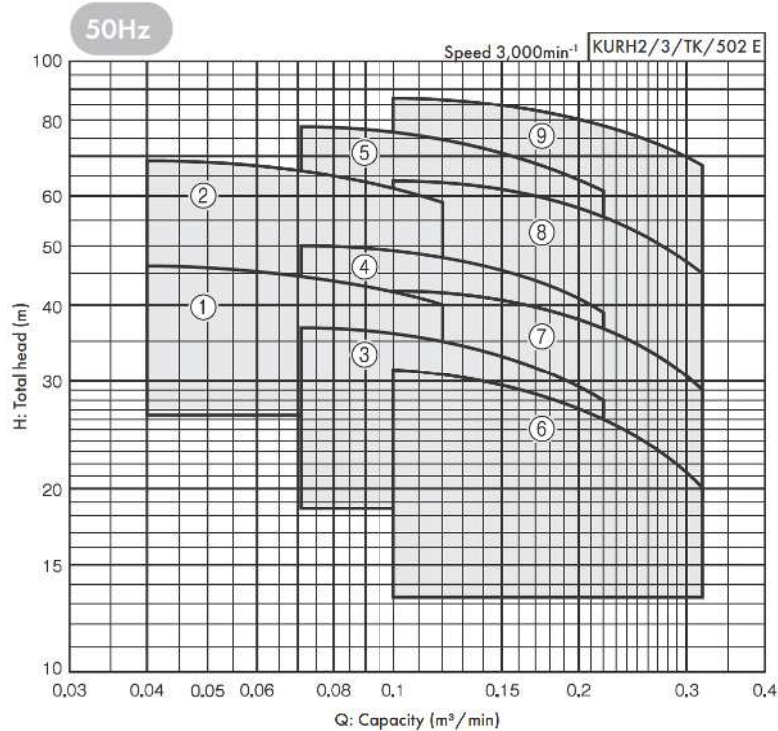
60Hz

unit: mm KURH2/3/Hd/621 E

Bore mm	Model	Motor kW	Stage	Combinations					Mass kg
				DH	U1	U2	d	g	
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
	KUR2-806-18	18.5	3	1283	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) Mass does not include cable weight.
Inquire about bore size 80mm, output 18kW, 22kW.

Selection chart KURH₃² type



Selection table

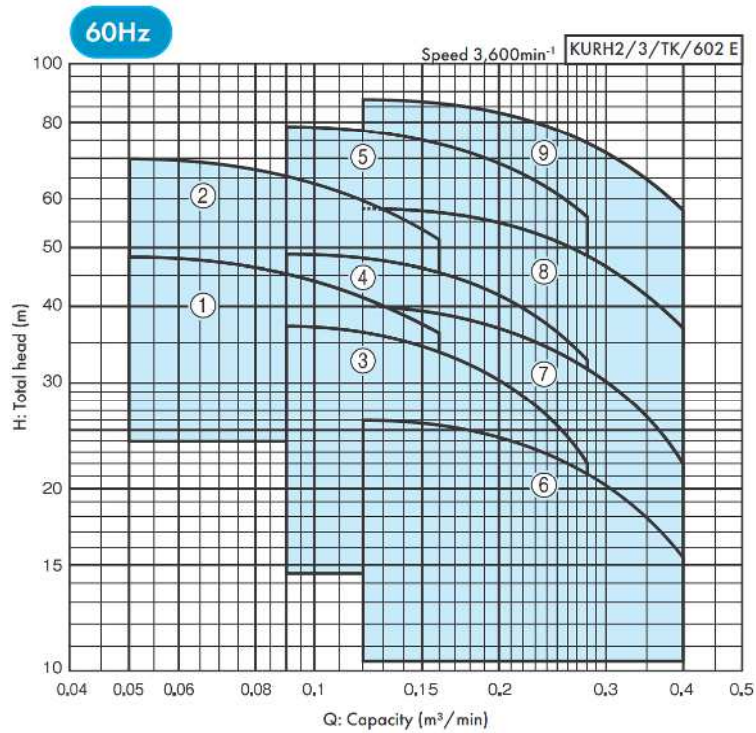
50Hz

KURH2/3/HSI/502E

Bore mm	Ref.	Model	Motor kW	Stage	Standard specifications			
					Capacity L/min	Total head m	Capacity L/min	Total head 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

KUR₃² • KURH₃² Type

Selection chart KURH₃² type



Selection table

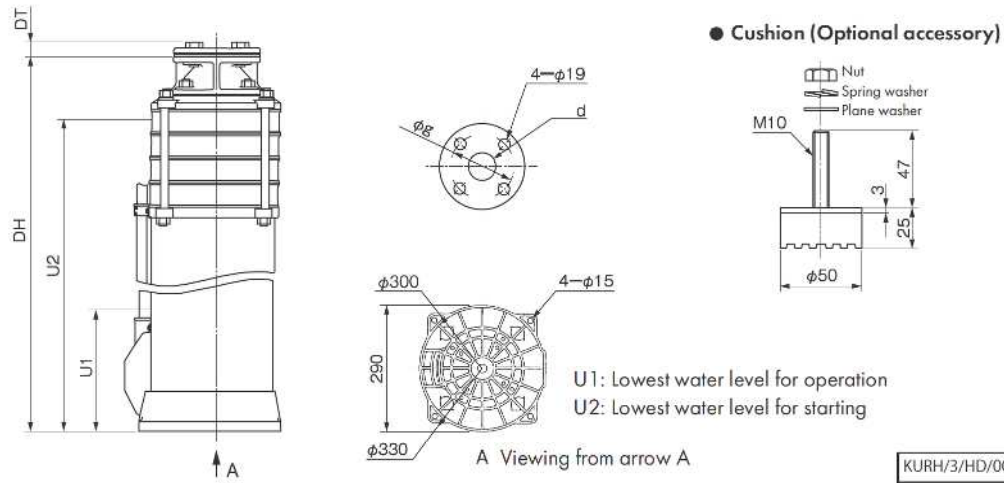
60Hz

KURH2/3/HSI/602E

Bore mm	Ref.	Model	Motor kW	Stage	Standard specifications			
					Capacity L/min	Total head m	Capacity L/min	Total head 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

KUR₃² • KURH₃² Type

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



50Hz

unit: mm KURH2/3/Hd/502 E

Bore mm	Model	Motor kW	Stage	Combinations						Mass kg
				DH	U1	U2	d	g	DT	
32	KURH3-325-1.9	1.9	2	660	200	568	Rc1 1/4	100	25	39
	KURH3-325-2.7	2.7	3	901	200	789	Rc1 1/4	100	25	56
40	KURH3-405-1.9	1.9	2	660	200	568	Rc1 1/2	105	25	39
	KURH3-405-2.7	2.7	2	861	200	749	Rc1 1/2	105	25	51
	KURH2-405-5.5	5.5	3	882	200	771	Rc1 1/2	105	25	71
50	KURH3-505-1.9	1.9	2	660	200	568	Rc2	120	27	39
	KURH3-505-2.7	2.7	2	861	200	749	Rc2	120	27	51
	KURH2-505-5.5	5.5	3	882	200	771	Rc2	120	27	71
	KURH2-505-7.5	7.5	3	942	200	830	Rc2	120	27	77

Note) Mass does not include cable weight.

60Hz

unit: mm KURH2/3/Hd/602 E

Bore mm	Model	Motor kW	Stage	Combinations						Mass kg
				DH	U1	U2	d	g	DT	
32	KURH3-326-1.9	1.9	2	660	200	568	Rc1 1/4	100	25	39
	KURH3-326-2.7	2.7	3	901	200	789	Rc1 1/4	100	25	56
40	KURH3-406-1.9	1.9	2	660	200	568	Rc1 1/2	105	25	39
	KURH3-406-2.7	2.7	2	861	200	749	Rc1 1/2	105	25	51
	KURH2-406-5.5	5.5	3	882	200	771	Rc1 1/2	105	25	71
50	KURH3-506-1.9	1.9	1	620	200	528	Rc2	120	27	35
	KURH3-506-2.7	2.7	2	861	200	749	Rc2	120	27	51
	KURH2-506-5.5	5.5	2	842	200	731	Rc2	120	27	66
	KURH2-506-7.5	7.5	3	942	200	830	Rc2	120	27	77

Note) Mass does not include cable weight.

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 *(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.

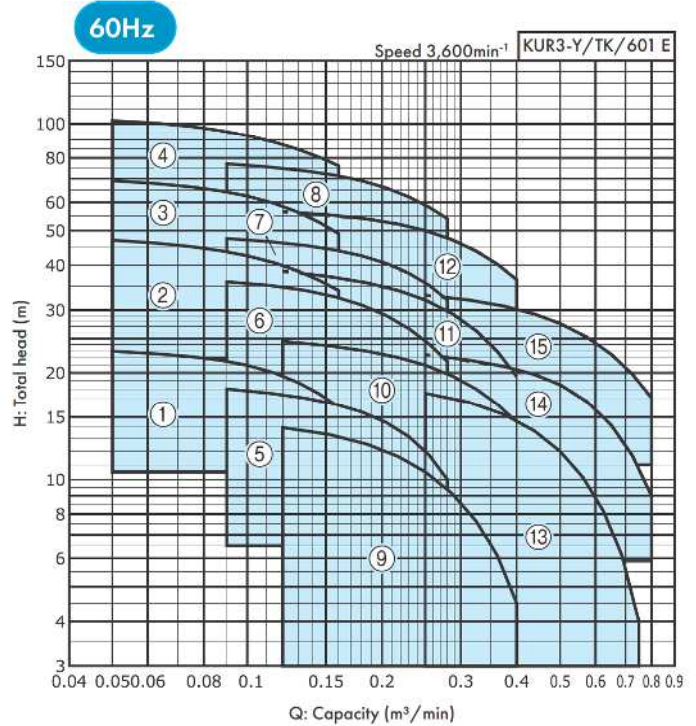
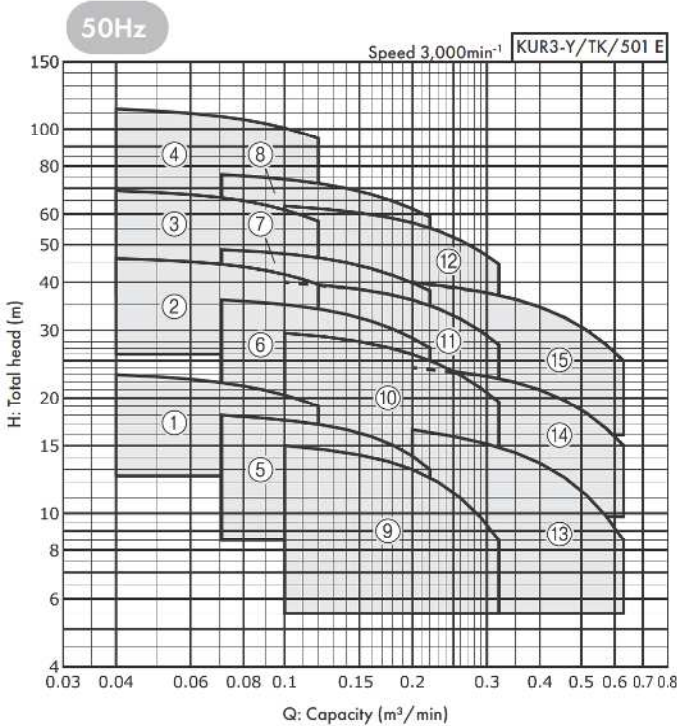
*Check valve for ground unit is necessary separately

Standard specifications

- Liquid Clean water 0~35°C (No freezing)
- Materials Impeller SCS13 (Bronze in case bore 80mm or more) SUS403 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
- Support for horizontal installation



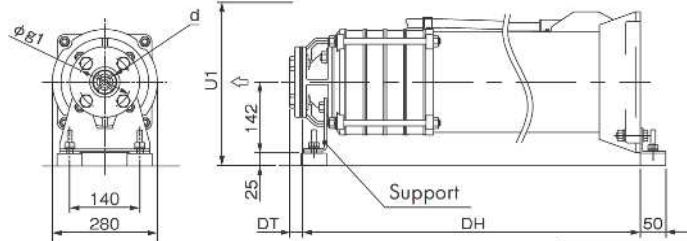
50Hz

Bore mm	Ref.	Model	Motor kW	Stage	Standard specifications			
					KUR3-Y/SI/503 E			
					Capacity L/min	Total head m	Capacity L/min	Total head 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	48.5	0.22	38
	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
65	12	KUR3-505-Y3.7	3.7	3	0.1	63	0.32	44.5
	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/603 E			
Bore mm	Ref.	Model	Motor kW	Stage	Standard specifications			
					Capacity L/min	Total head m	Capacity L/min	Total head 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	0.75	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 starting and operation KUR3-Y/HD/002 E

50Hz

					unit: mm					KUR3-Y/Hd/501 E
Bore mm	Model	Motor kW	Stage	Combinations				DT	Mass kg	
				DH	U1	d	g1			
32	KUR3-325-Y0.75	0.75	1	551	325	Rc1 1/4	100	25	32	
	KUR3-325-Y1.5	1.5	2	638	325	Rc1 1/4	100	25	39	
	KUR3-325-Y2.2	2.2	3	709	325	Rc1 1/4	100	25	46	
	KUR3-325-Y3.7	3.7	5	990	325	Rc1 1/4	100	25	66	
40	KUR3-405-Y0.75	0.75	1	551	325	Rc1 1/2	105	25	32	
	KUR3-405-Y1.5	1.5	2	638	325	Rc1 1/2	105	25	39	
	KUR3-405-Y2.2	2.2	2	669	325	Rc1 1/2	105	25	41	
	KUR3-405-Y3.7	3.7	3	910	325	Rc1 1/2	105	25	55	
50	KUR3-505-Y0.75	0.75	1	551	325	Rc2	120	27	32	
	KUR3-505-Y1.5	1.5	2	638	325	Rc2	120	27	39	
	KUR3-505-Y2.2	2.2	2	669	325	Rc2	120	27	41	
	KUR3-505-Y3.7	3.7	3	910	325	Rc2	120	27	55	
65	KUR3-655-Y1.5	1.5	1	618	325	Rc2 1/2	140	31	35	
	KUR3-655-Y2.2	2.2	1	649	325	Rc2 1/2	140	31	38	
	KUR3-655-Y3.7	3.7	2	900	325	Rc2 1/2	140	31	51	

The support is a standard accessory. Equip it when installation.

Note) Mass does not include cable weight.

60Hz

					unit: mm					KUR3-Y/Hd/601 E
Bore mm	Model	Motor kW	Stage	Combinations				DT	Mass kg	
				DH	U1	d	g1			
32	KUR3-326-Y0.75	0.75	1	551	325	Rd 1/4	100	25	32	
	KUR3-326-Y1.5	1.5	2	638	325	Rd 1/4	100	25	39	
	KUR3-326-Y2.2	2.2	3	709	325	Rd 1/4	100	25	46	
	KUR3-326-Y3.7	3.7	4	950	325	Rd 1/4	100	25	60	
40	KUR3-406-Y0.75	0.75	1	551	325	Rd 1/2	105	25	32	
	KUR3-406-Y1.5	1.5	2	638	325	Rd 1/2	105	25	39	
	KUR3-406-Y2.2	2.2	2	669	325	Rd 1/2	105	25	41	
	KUR3-406-Y3.7	3.7	3	910	325	Rd 1/2	105	25	55	
50	KUR3-506-Y0.75	0.75	1	551	325	Rc2	120	27	32	
	KUR3-506-Y1.5	1.5	1	598	325	Rc2	120	27	35	
	KUR3-506-Y2.2	2.2	2	669	325	Rc2	120	27	41	
	KUR3-506-Y3.7	3.7	2	870	325	Rc2	120	27	51	
65	KUR3-656-Y1.5	1.5	1	618	325	Rc21/2	140	31	35	
	KUR3-656-Y2.2	2.2	1	649	325	Rc21/2	140	31	38	
	KUR3-656-Y3.7	3.7	1	850	325	Rc21/2	140	31	47	

The support is a standard accessory. Equip it when installation.

Note) Mass does not include cable weight.

Optional accessory (Please inquire other than following accessories, Foundation bolt set, Pressure gauge, compound gauge, reducer are also available)

Pump Control Panel

- For submersible clean water pump
- For elevated tank



Vibration Proof Joint • Pipe Silencer

- Vibration Proof Joint
- Pipe Silencer



Bore:
20~200mm



Bore:
32~150mm

- Can not be used for hot water supply and water circulation for pool water
- Absorb pressure pulse and vibration from pump. Can directly connect with pump same as vibration proof joint
- Can directly connect with pump same as vibration proof joint
- Nylon coating flange type for preventing red discolorment water is also available
- Both installation available suction side and discharge side
- Can not be used for hot water supply and water circulation for pool water

Suction Unit

- Useful for maintenance and inspection of foot valve and suction pipe
 - Lever of foot valve is easy able to move from the ground
 - Foot valve and suction pipe is able to lift up from the ground (not necessary to enter in the water tank)
- SS (F) type: 40~250mm
Stainless steel materials models are also available
SSF-S type: 40~65mm



Pump Heater

- Application
Prevent pump from broken by freezing

- Features
 - Accurate working by adopting special thermostat
 - Be able to check heater wire is cut together with working of control panel



- Heater of pump (With 3m code)
Thermostat is included as standard for Heater

Heater control panel (indoor installation)

Combination use with Heater (Thermostat built in)

Model	Rated Capacity (W)	Rated voltage (V)	Display	Alarm terminal
ECH3-0.4T	50 ~ 440	AC200	Power source, Power on, Wire out	No voltage
ECH4-0.4	100V: 50 ~ 220	AC100/200	-	-

Sluice valve • Check valve • Foot valve • Sluice valve

- Sluice valve (Inner screw type)
- Swing check valve (with by pass)
- Shock-less valve (impact relief check valve)
- VF-VF2 foot valve with lever
- Stainless steel foot valve



Important Safety Precautions

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

* We bear no responsibility when the above listed precautions are not observed.

- Matters falling under the following may not be covered by the warranty: uses out of the specified scope of application, failure to comply with precautions, improper repairs and modifications, matters arising from natural disasters, matters arising from the installation environment (improper power source, foreign objects, sand, etc.), non-compliance with laws and regulations or standards pertaining thereto, accidental or intentional failure or damage, 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 to water supply pipes directly. Depending on the country it may be prohibited under the Water Supply Act. Also, water back-flow 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 distributor or our nearest sales offices.

Specifications/configurations may be altered as a result of improvements. Unauthorized reproduction of this document is prohibited.

Distributor

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Name	Turbine pump series
No.	5309 Y E