

KENFLO® 肯富来

KPS系列单级双吸离心泵

KPS SERIES

DOUBLE-SUCTION CENTRIFUGAL PUMPS



节 能
Energy-Saving

通 用
Universal

精 致
Exquisite

通过ISO9001质量管理体系认证 Obtaining ISO9001 Quality System Certificate

广东肯富来泵业集团 广东省佛山水泵厂有限公司

KENFLO PUMPS GROUP GUANGDONG FOSHAN PUMP FACTORY CO.,LTD.

Dear end users of Kenflo products,

Thanks a lot for your purchasing and using Kenflo products.

General Introduction

KPS pump is a type of centrifugal pump of single stage double suction design. It is of high efficiency, low pulse, low noise, sturdy and durable, easy maintenance. Its structure is single stage, double suction, horizontal split casing, between bearing. Efficiency of KPS series reaches energy-saving values of standard GB19762-2007 and has been awarded Energy-saving Product Certification. This pump has been listed in *Energy-saving Product Vendor List of China Government Purchase* and awarded CE certification (a Europe market pass).

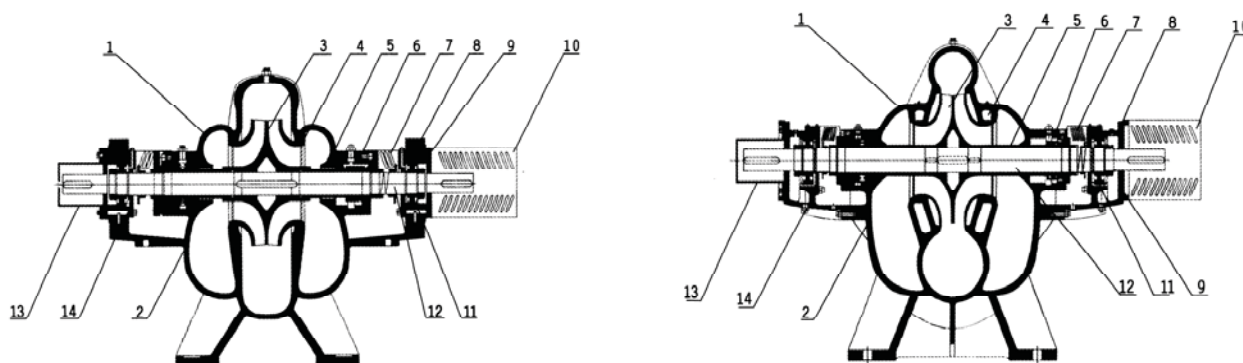
Application Fields

KPS pumps are usually for pumping clean water or weak corrosive fluid without solid particles or short fibers, widely applied in high building water supply, fire fighting, HVAC cooling water, industrial water supply, irrigation, especially suitable for water plant, paper mill, power plant, thermal power plant, steel plant, chemical plant, irrigation. SEBF coating or duplex SS1.4460 is applicable for delivering corrosive medium such as sea water, etc.

Product Features

- Casing — volute design of high efficiency, with flange in accord with GB/T 17241.6 PN 1.0 (nominal head < 95m, except KPS90-900 1.6MPa), GB/T 17241.6 PN 1.6 (95m ≤ nominal head < 130m), GB/T 17241.6 PN 2.5 (nominal head ≥ 130m), GB/T 17241.6 nep ISO 7005.2, compatible with DIN standard flanges with same pressure rating in accord with GB/T 9112-2000, HG 20592-2009.
- Shaft options — gland packing or single mechanical seal
- Balancing test — G6.3 dynamic balancing test for impeller
- Impeller — bidirectional flow, symmetrical structure, low pulse, optimized hydraulic performance
- Coupling—diaphragm flexible coupling, perfect alignment, high transmission efficiency, good shock absorption
- Shaft — double shaft extensions, able to be driven on either side, flexible choice for motor installation position
- Bearing — imported heavy duty bearing
- Materials — casing options of CI GG25, CI GG25+SEBF coating, duplex SS1.4460, etc. For details, please refer to the table *Material Options for Main Components*.

Pump Constructions



Components Illustrated:

- | | | | | |
|------------------------|---------------|--------------------------|---------------------|--------------------|
| 1. casing cover | 2. casing | 3. impeller | 4. wear ring | 5. shaft sleeve |
| 6. shaft seal assembly | 7. seal guard | 8. bearing housing gland | 9. bearing housing | |
| 10. coupling guard | 11. bearing | 12. shaft. | 13. shaft end guard | 14. bearing shield |

Pump Models of Construction 1:

10-300	10-500	15-200	20-250	20-350	20-400	25-200	25-300	30-100
30-150	30-250	35-300	35-350	45-150	45-200	45-200P	50-100	50-350
65-150	70-150	70-250	70-250P	75-250	80-100	90-200	95-125	125-200
130-200	140-150							

Pump Models of Construction 2:

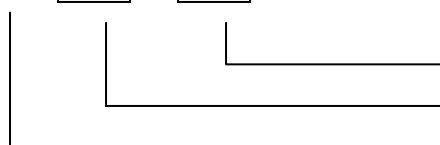
20-600	20-700	20-800	20-900	20-1000	50-500	50-700	50-900	45-1000
50-1000	50-1200	55-800	60-500	70-400	70-600	70-700	70-800	90-500
90-900	105-700	115-500	125-400	160-300				

Product Standard

GB/T 5657-1995, ISO 9906-1999, B/T 13007-1991, Q/FP 2104

Pump Model Notation

KPS —



Discharge Flange Dia., mm

Nominal Head, m

Series Code

For example: For a pump with discharge flange dia. 1000mm and nominal head 59m, it shall be called KPS50-1000.

Technical Parameters

KPS series has totally 52 models. Each model has different options of impeller diameter and speed. Hundreds of performance options are available.

Flange Diameter: suction 150 to 1400 mm, discharge 100 to 1200 mm

Flow Rate: max 25000 m³/h Head: max 160 m

Flange Pressure Rating: 1.0MPa: nominal head < 95m (except KPS90-900 1.6MPa)

1.60MPa: 95m ≤ nominal head < 130m 2.5MPa: nominal head ≥ 130m

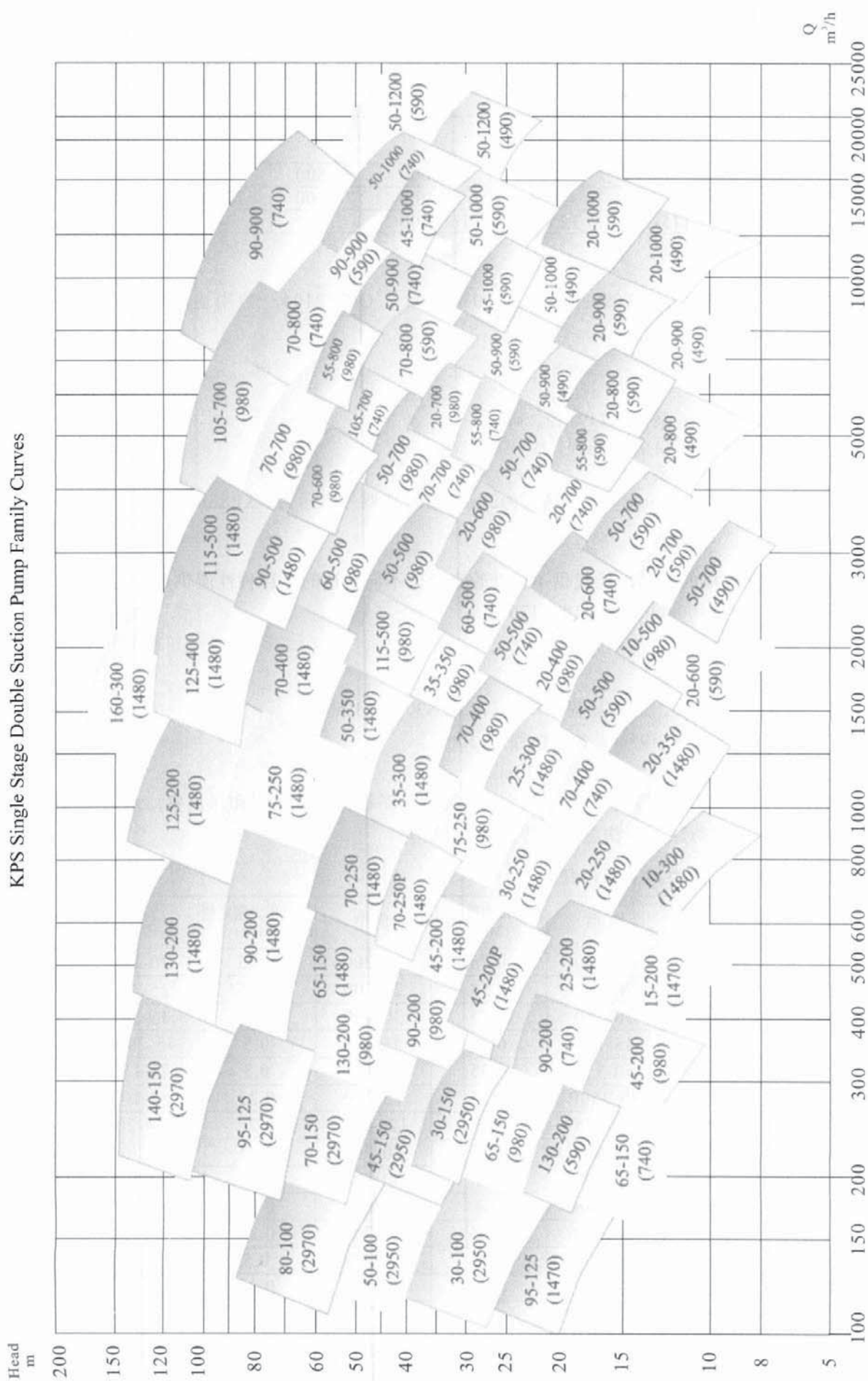
Casing design pressure is not equal to flange pressure rating. Casing design is divided into suction chamber and discharge chamber. Hydrostatic test pressure shall be equal to suction chamber design pressure x 1.3, not equal to flange pressure rating x 1.3.

Remarks: suction chamber design pressure is not equal to max suction pressure at 50Hz running in the table below.

● Max suction pressure at 50 Hz running:

Pump Model	Max Suction Pressure (MPa)	Pump Model	Max Suction Pressure (MPa)	Pump Model	Max Suction Pressure (MPa)	Pump Model	Max Suction Pressure (MPa)
10-300	0.75	10-500	0.75	15-200	0.75	20-250	0.75
20-350	0.7	20-400	0.55	25-200	0.65	25-300	0.6
30-100	0.55	30-150	0.55	30-250	0.55	35-300	0.4
35-350	0.4	45-150	0.45	45-200	0.5	45-200P	0.55
50-100	0.4	50-350	0.35	65-150	0.3	70-150	0.25
70-250	0.25	70-250P	0.35	75-250	0.25	80-100	0.25
90-200	0.25	95-125	0.5	125-200	0.25	130-200	0.25
140-150	0.25	20-600	0.45	20-700	0.45	20-800	0.45
45-1000	0.4	50-500	0.4	50-700	0.45	50-900	0.4
50-1000	0.4	50-1200	0.4	55-800	0.35	60-500	0.3
70-400	0.25	70-600	0.25	70-700	0.25	70-800	0.25
90-500	0.2	90-900	0.45	105-700	0.5	115-500	0.4
125-200	0.25	125-400	0.25	130-200	0.25	140-150	0.25
160-300	0.25						

- Considering pressure limitation of casing split face seal at suction chamber, there is max suction pressure for each model. When actual suction pressure is over the data above, do check with us about its feasibility. Pumped medium temp: -15℃ to +104℃. When it is over 80℃, do state clear when ordering.



Material Options for Main Components

Components	Material Codes					
	IM	IE	GQ	IS	Y3	W1
Casing	CI GG25	CI GG25	CI GG25	CI GG25	CI GG25+ SEBF coating	Duplex SS1.4460
Casing Cover	CI GG25	CI GG25	CI GG25	CI GG25	CI GG25+ SEBF coating	Duplex SS1.4460
Impeller	CI GG25	CS ZG230-450	Bronze LG2	Duplex SS1.4460	Duplex SS1.4460	Duplex SS1.4460
Shaft	SS 420	SS 420	SS 420	SS 420	SS 420	Duplex SS1.4462
Wear Ring	CI GG25	CI GG25	Bronze LG2	Duplex SS1.4460	Duplex SS1.4460	Duplex SS1.4460
Shaft Sleeve	SS 420	SS 420	SS 420	Duplex SS1.4460	Duplex SS1.4460	Duplex SS1.4460
Mech Seal Plate	SS CF8	SS CF8	SS CF8	SS CF8	SS CF8	SS CF8
Packed Gland	SS CF8	SS CF8	SS CF8	SS CF8	SS CF8	SS CF8
Stuffing Box	CI GG25	CI GG25	CI GG25	SS CF8	SS CF8	SS CF8
Sleeve Nut	SS 420	SS 420	SS 420	SS 420	SS 420	SS 420
Key	SS CF8	SS CF8	SS CF8	SS CF8	SS CF8	SS CF8

Remarks: When materials not shown in the table above are needed, please contact us.

Performance Data

Pump Model	Impeller Dia. D2 (mm)	Pump Speed n (r/min)	Flow Rate Q (m3/h)	Head H (m)	Shaft Power N (kW)	Motor Specifications	Pump Eff. η (%)	NPSHR (m)	Pump Weight (kg)
10-300	252	1480	720	13	29.7	Y225S-4,37kW,IP44,380V	86	4.6	500
10-500	390	980	2150	14	98.7	Y315L1-6,110kW,IP44,380V	83	3.6	1280
10-500	370	980	1980	12	83	Y315M-6.90kW,IP44,380V	78	3.6	
15-200	244	1470	490	14	22.5	Y200L-4,30kW,IP44,380V	83	3.4	305
15-200	235	1470	470	12	18.8	Y180L-4,22kW,IP44,380V	82	3.4	
15-200	228	1470	460	10	15.7	Y180M-4,18.5kW,IP44,380V	80	3.4	
20-250	286	1480	860	18	49	Y250M-4,55kW,IP44,380V	86	4.1	445
20-250	264	1480	790	15.2	39.4	Y225M-4,45kW,IP44,380V	83	4.1	
20-350	288	1480	1240	15	60	Y280M-4,90kW,IP44,380V	85	5	755
20-350	255	1480	1180	13.5	52	Y280S-4,75kW,IP44,380V	84	5	
20-400	454	980	2300	20	147.3	Y355M2-6,185kW,IP44,380V	85	4.1	1740
20-400	428	980	2100	18	125.5	Y355M1-6,160kW,IP44,380V	82	3.8	
20-400	408	980	2000	16	108.9	Y315L2-6,132kW,IP44,380V	80	3.6	
20-600	556	980	3600	38.5	415	Y(YKS)4502-6,500kW,IP23(IP44),6kV	92	6.3	2750
						YKK4505-6,500kW,IP44 (IP54),6kV			
20-600	550	980	3550	37.5	394	Y(YKS)4501-6,450kW,IP23(IP44),6kV	92	6.3	
						YKK4504-6,450kW,IP44 (IP54),6kV			
20-600	528	980	3500	34	352	Y(YKS)4005-6,400kW,IP23(IP44),6kV	92	6	
						YKK4503-6,400kW,IP44 (IP54),6kV			
20-600	500	980	3250	30	295	Y(YKS)4004-6,355kW,IP23(IP44),6kV	91	6	
						YKK4502-6,355kW,IP44 (IP54),6kV			
20-600	485	980	3200	28	270	Y(YKS)4003-6,315kW,IP23(IP44),6kV	90.5	6	
						YKK4006-6,315kW,IP44 (IP54),6kV			

* Re detailed technical data, please refer to performance curves.

Performance Data

Pump Model	Impeller Dia. D2 (mm)	Pump Speed n (r/min)	Flow Rate Q (m3/h)	Head H (m)	Shaft Power N (kW)	Motor Specifications	Pump Eff. η (%)	NPSHR (m)	Pump Weight (kg)
20-600	472	980	3100	27	256	Y(YKS)4002-6,280kW,IP23(IP44),6kV YKK4005-6,280kW,IP44(IP54),6kV	90	6	2750
20-600	444	980	2750	23	196.5	Y355L2-6,250kW,IP44,380V	89	6	
20-600	556	740	2750	22	179	Y355L2-8,200kW,IP44,380V	92	5.5	
20-600	528	740	2600	19.5	150	Y355L1-8,185kW,IP44,380V	92	5.5	
20-600	500	740	2500	17	127	Y355M2-8,160kW,IP44,380V	91	5.5	
20-600	472	740	2350	15	106.6	Y355M1-8,132kW,IP44,380V	90	5.5	
20-600	444	740	2250	12	82.6	Y315L2-8,110kW,IP44,380V	89	5.5	
20-600	556	590	2150	14	89	Y355L2-10,132kW,IP44,380V	92	4.2	
20-600	528	590	2100	12.5	77.7	Y355M2-10,110kW,IP44,380V	92	4.2	
20-600	500	590	1950	11	64.2	Y355M1-10,90kW,IP44,380V	91	4.2	
20-600	472	590	1850	9.5	53	Y315L2-10,75kW,IP44,380V	90	4.2	
20-600	444	590	1800	7.5	41.3	Y315M-10,55kW,IP44,380V	89	4.2	
20-700	605	740	3950	21.7	257	Y(YKS)4005-8,280kW,IP23(IP44),6kV YKK4503-8,280kW,IP44(IP54),6kV	92.5	4.3	3330
20-700	575	740	3800	19	215	Y(YKS)4004-8,250kW,IP23(IP44),6kV YKK4502-8,250kW,IP44(IP54),6kV	91	4.2	
20-700	545	740	3600	16.7	182	Y(YKS)4003-8,220kW,IP23(IP44),6kV YKK4006-8,220kW,IP44(IP54),6kV	90	4	
20-700	605	590	3100	14	129	Y355L2-10,160kW,IP44,380V	92.5	3.5	
20-700	575	590	3000	12.2	107	Y355L2-10,132kW,IP44,380V	92	3.5	
20-700	545	590	3000	10	90	Y355M2-10,110kW,IP44,380V	90	3.5	
20-800	754	740	7500	32.5	733	Y(YKS)5601-8,800kW,IP23(IP44),6kV YKK5603-8,800kW,IP44(IP54),6kV	90.5	6.4	5000
20-800	710	740	7120	27	585	Y(YKS)5003-8,630kW,IP23(IP44),6kV YKK5601-8,630kW,IP44(IP54),6kV	89.5	6.1	
20-800	665	740	6600	22.8	468	Y(YKS)5001-8,500kW,IP23(IP44),6kV YKK5003-8,500kW,IP44(IP54),6kV	87.5	5.8	
20-800	630	740	6240	18	360	Y(YKS)4504-8,450kW,IP23(IP44),6kV YKK5002-8,450kW,IP44(IP54),6kV	85	5.6	
20-800	754	590	6000	20.4	370	Y(YKS)5001-10,400kW,IP23(IP44),6kV YKK5003-10,400kW,IP44(IP54),6kV	90	5.3	
20-800	710	590	5650	17.3	298	Y(YKS)4505-10,355kW,IP23(IP44),6kV YKK5002-10,355kW,IP44(IP54),6kV	89.5	4.9	
20-800	665	590	5300	14.4	238	Y(YKS)4502-10,250kW,IP23(IP44),6kV YKK4504-10,250kW,IP44(IP54),6kV	87.5	4.4	
20-800	630	590	5000	11.2	179	Y(YKS)4501-10,220kW,IP23(IP44),6kV YKK4503-10,220kW,IP44(IP54),6kV	85.5	4.2	
20-800	754	490	4980	14.2	214	Y(YKS)4505-12,250kW,IP23(IP44),6kV YKK5005-12,250kW,IP44(IP54),6kV	90	4.6	
20-800	711	490	4690	12	171	Y(YKS)4503-12,200kW,IP23(IP44),6kV YKK4505-12,200kW,IP44(IP54),6kV	89.5	4	

* Re detailed technical data, please refer to performance curves.

Performance Data

Pump Model	Impeller Dia. D2 (mm)	Pump Speed n (r/min)	Flow Rate Q (m ³ /h)	Head H (m)	Shaft Power N (kW)	Motor Specifications	Pump Eff. η (%)	NPSHR (m)	Pump Weight (kg)
20-800	665	490	4390	10	137	Y(YKS)4502-12,185kW,IP23(IP44),6kV YKK4504-12,185kW,IP44(IP54),6kV	87	3.8	5000
20-800	630	490	4160	7.7	102	Y(YKS)4502-12,185kW,IP23(IP44),6kV YKK4504-12,185kW,IP44(IP54),6kV	85.5	3.5	
25-200	304	1480	490	24	36.4	Y225M-4,45kW,IP44,380V	88	3.2	375
25-200	284	1480	460	21	30.9	Y225S-4,37kW,IP44,380V	85	3.2	
25-200	268	1480	420	18.5	25.8	Y200L-4,30kW,IP44,380V	82	3.2	
25-300	352	1480	1260	29	112	Y315M-4,132kW,IP44,380V	89	4.3	690
25-300	338	1480	1230	25	96.5	Y315S-4,110kW,IP44,380V	88	4.3	
25-300	320	1480	1120	21.5	80	Y280M-4,90kW,IP44,380V	85	4.3	
30-100	192	2950	160	38.5	21	Y200L1-2,30kW,IP44,380V	80	3.0	150
30-100	180	2950	150	34	17.4	Y180M-2,22kW,IP44,380V	80	3.0	
30-100	174	2950	140	32.5	15.7	Y160L-2,18.5kW,IP44,380V	79	3.0	
30-100	156	2950	125	25.5	11.1	Y160M2-2,15kW,IP44,380V	78	3.0	
30-100	192	1470	84	10.7	3.1	Y112M-4,4kW,IP44,380V	80	2.8	
30-100	174	1470	75	8	2.1	Y100L2-4,3kW,IP44,380V	80	2.8	
30-100	156	1470	66	6.25	1.5	Y100L1-4,2.2kW,IP44,380V	78	2.8	180
30-150	186	2950	270	36	33	Y225M-2,45kW,IP44,380V	80	3.9	
30-150	172	2950	250	29	26.2	Y200L2-2,37kW,IP44,380V	75	3.9	
30-150	186	1470	135	9	4.1	Y132S-4,5.5kW,IP44,380V	80	2.9	
30-150	172	1470	120	7.5	3.3	Y112M-4,4kW,IP44,380V	75	2.9	550
30-250	348	1480	850	32	85	Y315S-4,110kW,IP44,380V	86	4.2	
30-250	336	1480	820	27.8	73	Y280M-4,90kW,IP44,380V	85	4.2	
30-250	310	1480	800	23	60	Y280S-4,75kW,IP44,380V	83	4.2	895
35-300	400	1480	1300	42.5	165	Y315L2-4,200kW,IP44,380V	88	5.3	
35-300	380	1480	1200	37	140	Y315L-4,185kW,IP44,380V	84	5.3	
35-300	362	1480	1150	32	122	Y315L1-4,160kW,IP44,380V	82.5	5.3	1390
35-350	544	980	1930	36	215	Y(YKS)4002-6,280kW,IP23(IP44),6kV YKK4005-6,280kW,IP44(IP54),6kV	88	3.5	
35-350	522	980	1910	32	193.5	Y355L2-6,250kW,IP44,380V	86	3.5	
35-350	510	980	1900	30	180	Y355L1-6,220kW,IP44,380V	86	3.5	
35-350	500	980	1900	28	170.4	Y355M3-6,200kW,IP44,380V	85	3.5	
45-150	204	2950	290	40	40.5	Y250M-2,55kW,IP44,380V	80	3.8	205
45-150	197	2950	280	36	37	Y225M-2,45kW,IP44,380V	75	3.8	
45-150	188	2950	280	30	33	Y200L2-2,37kW,IP44,380V	70	3.8	
45-150	204	1470	145	10.2	5.1	Y132S-4,5.5kW,IP44,380V	80	3.5	
45-200	370	1480	600	36.5	71	Y280M-4,90kW,IP44,380V	84	3.2	405
45-200	328	1480	512	30	50	Y280S-4,75kW,IP44,380V	83	3.2	
45-200	310	1480	480	26	40	Y250M-4,55kW,IP44,380V	83	3.2	
45-200	370	980	420	16.5	22	Y225M-6,30kW,IP44,380V	84	2.3	
45-200	350	980	380	14.6	18.4	Y200L2-6,22kW,IP44,380V	84	2.3	
45-200	310	980	312	12	12	Y200L1-6,18.5kW,IP44,380V	83	2.3	
45-200P	326	1480	450	29	41.5	Y250M-4,55kW,IP44,380V	86	3	400

* Re detailed technical data, please refer to performance curves.

Performance Data

Pump Model	Impeller Dia. D2 (mm)	Pump Speed n (r/min)	Flow Rate Q (m3/h)	Head H (m)	Shaft Power N (kW)	Motor Specifications	Pump Eff. η (%)	NPSHR (m)	Pump Weight (kg)
45-200P	320	1480	440	28	39	Y225M-4,45kW,IP44,380V	86	3	400
45-200P	296	1480	400	23.5	30	Y225S-4,37kW,IP44,380V	85	3	
45-200P	265	1480	360	18	21	Y200L-4,30kW,IP44,380V	84	3	
50-100	210	2950	160	52	30	Y200L2-2,37kW,IP44,380V	79	4	160
50-100	189	2950	160	42	23.5	Y200L1-2,30kW,IP44,380V	75	4	
50-100	210	1470	80	13	3.5	Y112M-4,4kW,IP44,380V	80	2.5	
50-100	174	1470	75	9	2.4	Y100L2-4,3kW,IP44,380V	73	2.3	
50-350	445	1480	1800	50	288	Y(YKS)4001-4,355kW,IP23(IP44),6kV	88	5.5	1460
						YKK4004-4,355kW,IP44(IP54),6kV			
50-350	430	1480	1700	46	256	Y355L2-4,315kW,IP44,380V	85	5.5	
50-350	415	1480	1700	40	231.4	Y355L1-4,280kW,IP44,380V	82	5.5	
50-350	400	1480	1700	36	202.5	Y355M2-4,250kW,IP44,380V	80	5.5	
50-350	445	980	1200	23	84	Y315L1-6,110kW,IP44,380V	88	4.4	
50-350	430	980	1200	19.5	74.4	Y315M-6,90kW,IP44,380V	85	4.4	
50-350	415	980	1150	18	68	Y315S-6,75kW,IP44,380V	82	4.4	
50-500	632	980	3000	48.5	434	Y(YKS)4502-6,500kW,IP23(IP44),6kV	91.5	5.4	2850
						YKK4503-6,500kW,IP44(IP54),6kV			
50-500	602	980	2850	44.5	378	Y(YKS)4501-6,450kW,IP23(IP44),6kV	91.5	5	
						YKK4504-6,450kW,IP44(IP54),6kV			
50-500	580	980	2850	40	342	Y(YKS)4005-6,400kW,IP23(IP44),6kV	91.5	5	
						YKK4503-6,400kW,IP44(IP54),6kV			
50-500	558	980	2750	37	304	Y(YKS)4004-6,355kW,IP23(IP44),6kV	90	5	
						YKK4502-6,355kW,IP44(IP54),6kV			
50-500	536	980	2550	34	265	Y(YKS)4003-6,315kW,IP23(IP44),6kV	89	4.6	
						YKK4006-6,315kW,IP44(IP54),6kV			
50-500	632	740	2250	28	188	Y(YKS)4003-8,220kW,IP23(IP44),6kV	91.5	4.2	
						YKK4006-8,220kW,IP44			
50-500	602	740	2200	25	168	Y355L2-8,200kW,IP44,380V	91.5	4.2	
50-500	580	740	2125	23	148	Y355L1-8,185kW,IP44,380V	91.5	4	
50-500	558	740	2100	20.5	132	Y355M2-8,160kW,IP44,380V	90	4	
50-500	536	740	2000	19	118	Y355M1-8,132kW,IP44,380V	89	4	
50-500	632	590	1800	18	96	Y355M2-10,110kW,IP44,380V	91.5	4	
50-500	580	590	1700	15	75	Y355M1-10,90kW,IP44,380V	91.5	3.8	
50-500	536	590	1600	12	59	Y315L2-10,75kW,IP44,380V	89	3.8	
50-700	650	980	5700	49	836	Y(YKS)5004-6,1000kW,IP23(IP44),6kV	91	8.5	4780
						YKK5602-6,1000kW,IP44(IP54),6kV			
50-700	625	980	5500	46	760	Y(YKS)5003-6,900kW,IP23(IP44),6kV	91	8	
						YKK5601-6,900kW,IP44(IP54),6kV			
50-700	600	980	5300	42	665	Y(YKS)5002-6,800kW,IP23(IP44),6kV	90.5	7.2	
						YKK5004-6,800kW,IP44(IP54),6kV			
50-700	587	980	5200	39	604	Y(YKS)5001-6,710kW,IP23(IP44),6kV	90	7	
						YKK5003-6,710kW,IP44(IP54),6kV			
50-700	550	980	5000	32.5	495	Y(YKS)4504-6,630kW,IP23(IP44),6kV	89.5	6.5	
						YKK5002-6,630kW,IP44(IP54),6kV			

* Re detailed technical data, please refer to performance curves.

Performance Data

Pump Model	Impeller Dia. D2 (mm)	Pump Speed n (r/min)	Flow Rate Q (m ³ /h)	Head H (m)	Shaft Power N (kW)	Motor Specifications	Pump Eff. η (%)	NPSHR (m)	Pump Weight (kg)
50-700	650	740	4300	28.3	360	Y(YKS)4504-8,450kW,IP23(IP44),6kV YKK5002-8,450kW,IP44(IP54),6kV	91	5.8	4780
50-700	638	740	4250	27	340	Y(YKS)4503-8,400kW,IP23(IP44),6kV YKK5001-8,400kW,IP44(IP54),6kV	91	5.7	
50-700	625	740	4100	26	318	Y(YKS)4502-8,355kW,IP23(IP44),6kV YKK4505-8,355kW,IP44(IP54),6kV	91	5.5	
50-700	600	740	4000	23.5	280	Y(YKS)4501-8,315kW,IP23(IP44),6kV YKK4504-8,315kW,IP44(IP54),6kV	90.5	5.2	
50-700	575	740	3800	20.8	240	Y(YKS)4005-8,280kW,IP23(IP44),6kV YKK4503-8,280kW,IP44(IP54),6kV	90	5	
50-700	550	740	3700	18.5	206	Y(YKS)4004-8,250kW,IP23(IP44),6kV YKK4502-8,250kW,IP44(IP54),6kV	89	4.8	
50-700	650	590	3300	18	176	YKK4502-10,200kW,IP44(IP54),6kV	91	5	
50-700	625	590	3200	16.5	156	YKK4501-10,185kW,IP44(IP54),6kV	91	5	
50-700	600	590	3000	15.2	134	Y355L2-10,160kW,IP44,380V	90.5	4.5	
50-700	550	590	2850	11.7	98	Y355L2-10,132kW,IP44,380V	89.5	4.2	
50-900	855	740	10000	48	1440	Y(YKS)6304-8,1600kW,IP23(IP44),6kV	91	8.5	8160
50-900	800	740	9300	42	1180	Y(YKS)6303-8,1400kW,IP23(IP44),6kV	90.5	8	
50-900	780	740	9000	41	1100	Y(YKS)6302-8,1250kW,IP23(IP44),6kV YKK6304-8,1250kW,IP44(IP54),6kV	90.5	8	
						Y(YKS)6301-8,1120kW,IP23(IP44),6kV YKK6303-8,1120kW,IP44(IP54),6kV	90	7.5	
50-900	855	590	7800	31	726	Y(YKS)5602-10,800kW,IP23(IP44),6kV YKK6301-10,800kW,IP44(IP54),6kV	91	6.2	
						Y(YKS)5601-10,710kW,IP23(IP44),6kV YKK5604-10,710kW,IP44(IP54),6kV	90.5	5.8	
50-900	780	590	7100	26	560	Y(YKS)5005-10,630kW,IP23(IP44),6kV YKK5603-10,630kW,IP44(IP54),6kV	90	5.7	
						Y(YKS)5004-10,560kW,IP23(IP44),6kV YKK5602-10,560kW,IP44(IP54),6kV	90	5.4	
50-900	855	490	6500	21.5	418	Y(YKS)5601-12,500kW,IP23(IP44),6kV YKK5604-12,500kW,IP44(IP54),6kV	91	5	
						Y(YKS)5005-12,450kW,IP23(IP44),6kV YKK5603-12,450kW,IP44(IP54),6kV	91	5	
50-900	800	490	6000	19	343	Y(YKS)5004-12,400kW,IP23(IP44),6kV YKK5602-12,400kW,IP44(IP54),6kV	90.5	4.7	
						Y(YKS)5003-12,355kW,IP23(IP44),6kV YKK5601-12,355kW,IP44(IP54),6kV	90	4.5	
50-1000	957	740	15700	51	2385	Y(YKS)800-2-8,2500kW,IP23(IP44),6kV	91	8.7	10400
50-1000	900	740	14750	45	1990	Y(YKS)710-3-8,2240kW,IP23(IP44),6kV	89.5	8	
50-1000	875	740	14500	43	1860	Y(YKS)710-2-8,2000kW,IP23(IP44),6kV	89	7.8	
50-1000	850	740	14000	40	1685	Y(YKS)710-1-8,1800kW,IP23(IP44),6kV	88.5	7.5	
50-1000	957	590	12500	32.3	1215	Y(YKS)6304-10,1400kW,IP23(IP44),6kV	91	6.6	
50-1000	930	590	12250	30	1120	Y(YKS)6303-10,1250kW,IP23(IP44),6kV	90	6.6	

* Re detailed technical data, please refer to performance curves.

Performance Data

Pump Model	Impeller Dia. D2 (mm)	Pump Speed n (r/min)	Flow Rate Q (m3/h)	Head H (m)	Shaft Power N (kW)	Motor Specifications	Pump Eff. η (%)	NPSHR (m)	Pump Weight (kg)					
50-1000	900	590	12000	28	1003	Y(YKS)6302-10,1120kW,IP23(IP44),6kV	89.5	6.6	10400					
						YKK6304-10,1120kW,IP44(IP54),6kV								
50-1000	850	590	11400	25	860	Y(YKS)6301-10,1000kW,IP23(IP44),6kV	88.5	6.4		10400				
						YKK6303-10,1000kW,IP44(IP54),6kV								
50-1000	957	490	10300	22.5	673	Y(YKS)6302-12,800kW,IP23(IP44),6kV	91	4.5			10400			
						YKK6304-12,800kW,IP44(IP54),6kV								
50-1000	930	490	10200	20.5	640	Y(YKS)6301-12,710kW,IP23(IP44),6kV	90	4.5				10400		
						YKK6303-12,710kW,IP44(IP54),6kV								
50-1000	900	490	9700	20	580	Y(YKS)5603-12,630kW,IP23(IP44),6kV	89.5	4					10400	
						YKK6302-12,630kW,IP44(IP54),6kV								
50-1000	850	490	9500	17	490	Y(YKS)5602-12,560kW,IP23(IP44),6kV	88.5	4						10400
						YKK6301-12,560kW,IP44(IP54),6kV								
50-1200	1175	590	22000	50	3290	Y(YKS)9002-10,3550kW,IP23(IP44),6kV	91	8	20500					
						YKK10001-10,3550kW,IP44(IP54),6kV								
50-1200	1105	590	20690	44.5	2800	Y(YKS)9001-10,3150kW,IP23(IP44),6kV	89.5	7.5		20500				
						YKK9003-10,3150kW,IP44(IP54),6kV								
50-1200	1044	590	19550	40	2406	Y(YKS)8003-10,2800kW,IP23(IP44),6kV	88.5	7			20500			
						YKK9002-10,2800kW,IP44(IP54),6kV								
50-1200	984	590	18430	35.5	2024	Y(YKS)8001-10,2240kW,IP23(IP44),6kV	88	6.7				20500		
						YKK8003-10,2240kW,IP44(IP54),6kV								
50-1200	1175	490	18270	34.5	1886	Y(YKS)8004-12,2240kW,IP23(IP44),6kV	91	7					20500	
						YKK9002-12,2240kW,IP44(IP54),6kV								
50-1200	1105	490	17180	30.7	1605	Y(YKS)8002-12,1800kW,IP23(IP44),6kV	89.5	7						20500
						YKK8004-12,1800kW,IP44(IP54),6kV								
50-1200	1044	490	16240	27.6	1379	Y(YKS)8001-12,1600kW,IP23(IP44),6kV	88.5	6.5	20500					
						YKK8003-12,1600kW,IP44(IP54),6kV								
50-1200	984	490	15306	24.5	1160	Y(YKS)7103-12,1400kW,IP23(IP44),6kV	88	6.2		20500				
						YKK8002-12,1400kW,IP44(IP54),6kV								
55-800	700	980	6800	58	1220	Y(YKS)5603-6,1400kW,IP23(IP44),6kV	90	7.5			5000			
						YKK6302-6,1400kW,IP44(IP54),6kV								
55-800	673	980	6700	52	1080	Y(YKS)5602-6,1250kW,IP23(IP44),6kV	90	7.3				5000		
						YKK6301-6,1250kW,IP44(IP54),6kV								
55-800	647	980	6500	48	960	Y(YKS)5601-6,1120kW,IP23(IP44),6kV	89	7					5000	
						YKK5603-6,1120kW,IP44(IP54),6kV								
55-800	620	980	6400	42.5	840	Y(YKS)5004-6,1000kW,IP23(IP44),6kV	88	7						5000
						YKK5602-6,1000kW,IP44(IP54),6kV								
55-800	596	980	6300	39	760	Y(YKS)5003-6,900kW,IP23(IP44),6kV	87	6.8	5000					
						YKK5601-6,900kW,IP44(IP54),6kV								
55-800	593	980	6300	38	740	Y(YKS)5002-6,800kW,IP23(IP44),6kV	87	6.8		5000				
						YKK5004-6,800kW,IP44(IP54),6kV								
55-800	700	740	5150	33	520	Y(YKS)5003-8,630kW,IP23(IP44),6kV	90	5.5			5000			
						YKK5601-8,630kW,IP44(IP54),6kV								

* Re detailed technical data, please refer to performance curves.

Performance Data

Pump Model	Impeller Dia. D2 (mm)	Pump Speed n (r/min)	Flow Rate Q (m3/h)	Head H (m)	Shaft Power N (kW)	Motor Specifications	Pump Eff. η (%)	NPSHR (m)	Pump Weight (kg)
55-800	673	740	5050	30	460	Y(YKS)5002-8,560kW,IP23(IP44),6kV	90	5.2	5000
						YKK5004-8,560kW,IP44(IP54),6kV			
55-800	660	740	4950	28.5	430	Y(YKS)5001-8,500kW,IP23(IP44),6kV	89	5	
						YKK5003-8,500kW,IP44(IP54),6kV			
55-800	647	740	4950	27	408	Y(YKS)4504-8,450kW,IP23(IP44),6kV	89	5	
						YKK5002-8,450kW,IP44(IP54),6kV			
55-800	620	740	4850	24	360	Y(YKS)4503-8,400kW,IP23(IP44),6kV	88	5	
						YKK5001-8,400kW,IP44(IP54),6kV			
55-800	593	740	4750	22	320	Y(YKS)4502-8,355kW,IP23(IP44),6kV	87	5	
						YKK4505-8,355kW,IP44(IP54),6kV			
55-800	700	590	4150	21	262	Y(YKS)4504-10,315kW,IP23(IP44),6kV	90	4.6	
						YKK5001-10,315kW,IP44(IP54),6kV			
55-800	673	590	4050	19	235	Y(YKS)4503-10,280kW,IP23(IP44),6kV	90	4.6	
						YKK4505-10,280kW,IP44(IP54),6kV			
55-800	647	590	4000	17	208	Y(YKS)4502-10,250kW,IP23(IP44),6kV	89	4.5	
						YKK4504-10,250kW,IP44(IP54),6kV			
55-800	633	590	3900	16	195	Y(YKS)4501-10,220kW,IP23(IP44),6kV	88	4.4	
						YKK4503-10,220kW,IP44(IP54),6kV			
55-800	620	590	3800	15.5	182	YKK4502-10,200kW,IP44(IP54),6kV	88	4.3	
55-800	593	590	3750	14	160	YKK4501-10,185kW,IP44(IP54),6kV	87	4.3	
60-500	670	980	3500	56	583	Y(YKS)5001-6,710kW,IP23(IP44),6kV	92	5	3250
						YKK5003-6,710kW,IP44(IP54),6kV			
60-500	645	980	3450	52	525	Y(YKS)4504-6,630kW,IP23(IP44),6kV	91	5	
						YKK5002-6,630kW,IP44(IP54),6kV			
60-500	620	980	3400	46	470	Y(YKS)4503-6,560kW,IP23(IP44),6kV	90.5	4.8	
						YKK5001-6,560kW,IP44(IP54),6kV			
60-500	590	980	3350	42	428	Y(YKS)4502-6,500kW,IP23(IP44),6kV	89.5	4.7	
						YKK4505-6,500kW,IP44(IP54),6kV			
60-500	560	980	3250	38	382	Y(YKS)4501-6,450kW,IP23(IP44),6kV	88	4.5	
						YKK4504-6,450kW,IP44(IP54),6kV			
60-500	670	740	2640	31.5	252	Y(YKS)4005-8,280kW,IP23(IP44),6kV	92	3.8	
						YKK4503-8,280kW,IP44(IP54),6kV			
60-500	642	740	2600	29.5	226	Y(YKS)4004-8,250kW,IP23(IP44),6kV	91	3.8	
						YKK4502-8,250kW,IP44(IP54),6kV			
60-500	610	740	2500	26.5	200	Y(YKS)4003-8,220kW,IP23(IP44),6kV	90.5	3.5	
						YKK4006-8,220kW,IP44(IP54),6kV			
60-500	586	740	2500	24	184	Y355L2-8,200kW,IP44,380V	89.5	3.5	
60-500	560	740	2350	22	163	Y355L1-8,185kW,IP44,380V	88	3.5	
65-150	444	1480	515	64	105.5	Y315M-4,132kW,IP44,380V	85	5.1	500
65-150	382	1480	490	46	77.7	Y315S-4,110kW,IP44,380V	79	4.8	
65-150	444	980	360	28	33	Y250M-6,37kW,IP44,380V	85	3.8	
65-150	382	980	330	20	23	Y225M-6,30kW,IP44,380V	79	3.5	

* Re detailed technical data, please refer to performance curves.

Performance Data

Pump Model	Impeller Dia. D2 (mm)	Pump Speed n (r/min)	Flow Rate Q (m3/h)	Head H (m)	Shaft Power N (kW)	Motor Specifications	Pump Eff. η (%)	NPSHR (m)	Pump Weight (kg)
65-150	414	740	270	16	13.5	Y200L-8,15kW,IP44,380V	85	2.9	500
70-150	232	2970	310	60	63	Y280S-2,75kW,IP44,380V	82	4.2	220
70-150	206	2970	270	45	42	Y250M-2,55kW,IP44,380V	78	3.8	
70-150	232	1470	155	15	7.7	Y160M-4,11kW,IP44,380V	82	2.4	
70-150	206	1470	135	11.5	5.3	Y132M-4,7.5kW,IP44,380V	78	2	
70-250	457	1480	800	65	168	Y355M1-4,220kW,IP44,380V	85	4.1	
70-250	446	1480	760	62.5	146	Y315L2-4,200kW,IP44,380V	84	3.8	
70-250	436	1480	750	59	143	Y315L-4,185kW,IP44,380V	84	3.8	
70-250	395	1480	700	46.5	108	Y315L1-4,160kW,IP44,380V	82.5	3.5	
70-250P	423	1480	820	50	140	Y315L1-4,160kW,IP44,380V	82	4.6	580
70-250P	400	1480	760	44	116	Y315M-4,132kW,IP44,380V	80	4.3	
70-250P	362	1480	700	34	84	Y315S-4,110kW,IP44,380V	76	4	
70-400	510	1480	2350	74	527	Y(YKS)4501-4,630kW,IP23(IP44),6kV	91	6.7	1750
						YKK4504-4,630kW,IP44(IP54),6kV			
70-400	485	1480	2300	65	453	Y(YKS)4005-4,560kW,IP23(IP44),6kV	90.5	6.5	
						YKK4503-4,560kW,IP44(IP54),6kV			
70-400	470	1480	2250	60	410	Y(YKS)4004-4,500kW,IP23(IP44),6kV	90	6.2	
						YKK4502-4,500kW,IP44(IP54),6kV			
70-400	455	1480	2150	56	370	Y(YKS)4003-4,450kW,IP23(IP44),6kV	90	6	
						YKK4006-4,450kW,IP44(IP54),6kV			
70-400	440	1480	2100	52	335	Y(YKS)4002-4,400kW,IP23(IP44),6kV	89	5.8	
						YKK4005-4,400kW,IP44(IP54),6kV			
70-400	425	1480	2000	49	305	Y(YKS)4001-4,355kW,IP23(IP44),6kV	89	6	
						YKK4004-4,355kW,IP44(IP54),6kV			
70-400	510	980	1550	33	153	Y355M2-6,185kW,IP44,380V	91	4.2	
70-400	485	980	1500	29	131.6	Y355M1-6,160kW,IP44,380V	90	4.1	
70-400	455	980	1450	25	109.7	Y315L2-6,132kW,IP44,380V	90	4	
70-400	425	980	1350	22	91	Y315L1-6,110kW,IP44,380V	89	4	
70-400	510	740	1180	18.6	67	Y315L1-8,90kW,IP44,380V	91	3.2	
70-400	485	740	1125	16.8	57	Y315M-8,75kW,IP44,380V	90.5	3.2	
70-400	455	740	1075	14.4	47	Y315S-8,55kW,IP44,380V	90	3	
70-400	425	740	1000	12.6	38.6	Y280M-8,45kW,IP44,380V	89	3	
70-600	726	980	4200	66	860	Y(YKS)5004-6,1000kW,IP23(IP44),6kV	90	6.8	
						YKK5602-6,1000kW,IP44(IP54),6kV			
70-600	700	980	4150	61	780	Y(YKS)5003-6,900kW,IP23(IP44),6kV	90	6.7	
						YKK5601-6,900kW,IP44(IP54),6kV			
70-600	676	980	4100	55	700	Y(YKS)5002-6,800kW,IP23(IP44),6kV	89	6.6	
						YKK5004-6,800kW,IP44(IP54),6kV			
70-600	640	980	4000	49.5	620	Y(YKS)5001-6,710kW,IP23(IP44),6kV	88	6.5	
						YKK5003-6,710kW,IP44(IP54),6kV			
70-600	605	980	3900	44	545	Y(YKS)4504-6,630kW,IP23(IP44),6kV	87	6.4	
						YKK5002-6,630kW,IP44(IP54),6kV			

* Re detailed technical data, please refer to performance curves.

Performance Data

Pump Model	Impeller Dia. D2 (mm)	Pump Speed n (r/min)	Flow Rate Q (m3/h)	Head H (m)	Shaft Power N (kW)	Motor Specifications	Pump Eff. η (%)	NPSHR (m)	Pump Weight (kg)
70-700	772	980	5700	70	1208	Y(YKS)5603-6,1400kW,IP23(IP44),6kV	91.5	8.2	5060
						YKK6302-6,1400kW,IP44(IP54),6kV			
70-700	745	980	5500	64	1080	Y(YKS)5602-6,1250kW,IP23(IP44),6kV	91	8	
						YKK6301-6,1250kW,IP44(IP54),6kV			
70-700	720	980	5400	60	990	Y(YKS)5601-6,1120kW,IP23(IP44),6kV	90	7.7	
						YKK5603-6,1120kW,IP44(IP54),6kV			
70-700	682	980	5100	52	832	Y(YKS)5004-6,1000kW,IP23(IP44),6kV	89	7	
						YKK5602-6,1000kW,IP44(IP54),6kV			
70-700	644	980	5000	44	700	Y(YKS)5003-6,900kW,IP23(IP44),6kV	88	7	
						YKK5601-6,900kW,IP44(IP54),6kV			
70-700	772	740	4300	40	530	Y(YKS)5003-8,630kW,IP23(IP44),6kV	91.5	6.6	
						YKK5601-8,630kW,IP44(IP54),6kV			
70-700	750	740	4250	37	475	Y(YKS)5002-8,560kW,IP23(IP44),6kV	90	6.5	
						YKK5004-8,560kW,IP44(IP54),6kV			
70-700	720	740	4100	34	430	Y(YKS)5001-8,500kW,IP23(IP44),6kV	90	6.3	
						YKK5003-8,500kW,IP44(IP54),6kV			
70-700	686	740	4000	30	370	Y(YKS)4504-8,450kW,IP23(IP44),6kV	89	6	
						YKK5002-8,450kW,IP44(IP54),6kV			
70-700	664	740	3800	28	330	Y(YKS)4503-8,400kW,IP23(IP44),6kV	89	6	
						YKK5001-8,400kW,IP44(IP54),6kV			
70-700	644	740	3700	26	300	Y(YKS)4502-8,355kW,IP23(IP44),6kV	89	6	
						YKK4505-8,355kW,IP44(IP54),6kV			
70-800	1020	740	9400	72	2019	Y(YKS)800-1-8,2500kW,IP23(IP44),6kV	92	7.6	9100
70-800	985	740	9200	66	1840	Y(YKS)710-3-8,2240kW,IP23(IP44),6kV	91	7.4	
70-800	950	740	9000	62	1680	Y(YKS)710-2-8,2000kW,IP23(IP44),6kV	91	7.2	
70-800	900	740	8900	55	1488	Y(YKS)710-1-8,1800kW,IP23(IP44),6kV	90.5	7	
70-800	880	740	8800	54	1438	Y(YKS)6304-8,1600kW,IP23(IP44),6kV	90	7	
70-800	850	740	8700	50	1310	Y(YKS)6303-8,1400kW,IP23(IP44),6kV	89	7	
70-800	1020	590	7500	46	1032	Y(YKS)6303-10,1250kW,IP23(IP44),6kV	92	6	
70-800	985	590	7300	42.5	940	Y(YKS)6302-10,1120kW,IP23(IP44),6kV	91	5.5	
						YKK6304-10,1120kW,IP44(IP54),6kV			
70-800	950	590	7200	39	856	Y(YKS)6301-10,1000kW,IP23(IP44),6kV	91	5.5	
						YKK6303-10,1000kW,IP44(IP54),6kV			
70-800	900	590	7000	36	765	Y(YKS)5603-10,900kW,IP23(IP44),6kV	90	5.5	
						YKK6302-10,900kW,IP44(IP54),6kV			
70-800	850	590	6800	32	673	Y(YKS)5602-10,800kW,IP23(IP44),6kV	89	5.5	
						YKK6301-10,800kW,IP44(IP54),6kV			
75-250	516	1480	1440	74	350	Y(YKS)4003-4,450kW,IP23(IP44),6kV	86	5.8	
						YKK4006-4,450kW,IP44(IP54),6kV			
75-250	495	1480	1420	67	328	Y(YKS)4002-4,400kW,IP23(IP44),6kV	86	5.8	
						YKK4005-4,400kW,IP44(IP54),6kV			
75-250	478	1480	1400	61	285	Y(YKS)4001-4,355kW,IP23(IP44),6kV	85	5.6	
						YKK4004-4,355kW,IP44(IP54),6kV			

* Re detailed technical data, please refer to performance curves.

Performance Data

Pump Model	Impeller Dia. D2 (mm)	Pump Speed n (r/min)	Flow Rate Q (m ³ /h)	Head H (m)	Shaft Power N (kW)	Motor Specifications	Pump Eff. η (%)	NPSHR (m)	Pump Weight (kg)
75-250	462	1480	1370	55	248	Y355L2-4,315kW,IP44,380V	85	5.6	1225
75-250	444	1480	1350	48	218	Y355L1-4,280kW,IP44,380V	84	5.5	
75-250	427	1480	1300	44	195	Y355M2-4,250kW,IP44,380V	82.5	5.4	
75-250	516	980	950	33	101	Y315L2-6,132kW,IP44,380V	86	4.3	
75-250	495	980	940	30	91	Y315L1-6,110kW,IP44,380V	86	4.3	
75-250	462	980	920	24.5	73	Y315M-6,90kW,IP44,380V	85	4.3	
75-250	444	980	900	21.5	63	Y315S-6,75kW,IP44,380V	84	4.3	
80-100	248	2970	160	78	48	Y250M-2,55kW,IP44,380V	75	3.5	175
80-100	225	2970	152	60	34	Y225M-2,45kW,IP44,380V	72	3.5	
80-100	248	1470	82	19.3	5.7	Y132M-4,7.5kW,IP44,380V	75	3.4	
80-100	225	1470	76	15	4.4	Y132S-4,5.5kW,IP44,380V	72	3.4	
90-200	535	1480	1000	85	276	Y355L2-4,315kW,IP44,380V	83	6	760
90-200	515	1480	900	80	240	Y355L1-4,280kW,IP44,380V	80	5.2	
90-200	495	1480	800	75	206	Y355M2-4,250kW,IP44,380V	77	4.6	
90-200	475	1480	800	66.5	192	Y355M1-4,220kW,IP44,380V	75	4.6	
90-200	535	980	650	37.8	75	Y315M-6,90kW,IP44,380V	84	5	
90-200	515	980	600	35.4	64.8	Y315S-6,75kW,IP44,380V	81	4.4	
90-200	475	980	500	29.5	50	Y280M-6,55kW,IP44,380V	74	3.8	
90-200	535	740	500	21.2	34.8	Y280S-8,37kW,IP44,380V	84	4	
90-200	495	740	432	18	27.5	Y250M-8,30kW,IP44,380V	77	3	
90-500	553	1480	3000	85	763	Y(YKS)4504-4,900kW,IP23(IP44),6kV YKK5002-4,900kW,IP44(IP54),6kV	90	7.3	2500
90-500	536	1480	2900	79	700	Y(YKS)4503-4,800kW,IP23(IP44),6kV YKK5001-4,800kW,IP44(IP54),6kV	89	7	
90-500	520	1480	2800	74	640	Y(YKS)4502-4,710kW,IP23(IP44),6kV YKK4505-4,710kW,IP44(IP54),6kV	89	6.8	
90-500	488	1480	2750	62	534	Y(YKS)4501-4,630kW,IP23(IP44),6kV YKK4504-4,630kW,IP44(IP54),6kV	87	6.5	
90-500	461	1480	2500	58	465	Y(YKS)4005-4,560kW,IP23(IP44),6kV YKK4503-4,560kW,IP44(IP54),6kV	85	6	
90-500	553	980	1950	37.5	220	Y355L2-6,250kW,IP44,380V	90	4	
90-500	520	980	1875	32	186	Y355L1-6,220kW,IP44,380V	89	3.8	
90-500	504	980	1825	30	170	Y355M3-6,200kW,IP44,380V	88	3.6	
90-500	488	980	1750	28	155	Y355M2-6,185kW,IP44,380V	87	3.5	
90-500	461	980	1700	25	133	Y355M1-6,160kW,IP44,380V	86	3.5	
90-900	1140	740	13000	89	3461	Y(YKS)900-1-8,4000kW,IP23(IP44),6kV	91	8.5	12300
90-900	1080	740	12600	79	3060	Y(YKS)800-4-8,3550kW,IP23(IP44),6kV	89.5	8.5	
90-900	1020	740	12600	68	2650	Y(YKS)800-3-8,3150kW,IP23(IP44),6kV	88.5	8.5	
90-900	990	740	12000	66	2400	Y(YKS)800-2-8,2800kW,IP23(IP44),6kV	87.5	8	
90-900	960	740	12000	60	2235	Y(YKS)800-1-8,2500kW,IP23(IP44),6kV	87	8	
90-900	1140	590	10400	56.4	1755	Y(YKS)710-3-10,2000kW,IP23(IP44),6kV	91	6.5	
90-900	1080	590	10080	50	1533	Y(YKS)710-2-10,1800kW,IP23(IP44),6kV	89.5	6.5	
90-900	1020	590	10000	43	1360	Y(YKS)710-1-10,1600kW,IP23(IP44),6kV	88	6.5	

* Re detailed technical data, please refer to performance curves.

Performance Data

Pump Model	Impeller Dia. D2 (mm)	Pump Speed n (r/min)	Flow Rate Q (m3/h)	Head H (m)	Shaft Power N (kW)	Motor Specifications	Pump Eff. η (%)	NPSHR (m)	Pump Weight (kg)
95-125	284	2970	324	106	120	Y315L1-2,160kW,IP44,380V	80	6.5	255
95-125	270	2970	324	88	100	Y315M-2,132kW,IP44,380V	78	6.5	
95-125	255	2970	320	74	82	Y315S-2,110kW,IP44,380V	77	6	
95-125	284	1470	162	26	14.5	Y180M-4,18.5kW,IP44,380V	80	4.5	
95-125	255	1470	162	18	10.4	Y160L-4,15kW,IP44,380V	77	4.5	
105-700	874	980	8000	93	2226	Y(YKS)710-2-6,2500kW,IP23(IP44),6kV	91	8	6650
105-700	826	980	7840	82	1945	Y(YKS)710-1-6,2240kW,IP23(IP44),6kV	90	8	
105-700	800	980	7700	76	1770	Y(YKS)6303-6,2000kW,IP23(IP44),6kV	90	7.8	
105-700	778	980	7680	71	1660	Y(YKS)6302-6,1800kW,IP23(IP44),6kV	89.5	7.8	
105-700	730	980	7200	63	1403	Y(YKS)6301-6,1600kW,IP23(IP44),6kV	88	7.3	
						YKK6303-6,1600kW,IP44(IP54),6kV			
105-700	874	740	6000	55	987	Y(YKS)6301-8,1120kW,IP23(IP44),6kV	91	6.2	
						YKK6303-8,1120kW,IP44(IP54),6kV			
105-700	845	740	6000	49	880	Y(YKS)5603-8,1000kW,IP23(IP44),6kV	91	6.2	
						YKK6302-8,1000kW,IP44(IP54),6kV			
105-700	802	740	5800	43.5	763	Y(YKS)5602-8,900kW,IP23(IP44),6kV	90	6	
						YKK6301-8,900kW,IP44(IP54),6kV			
105-700	778	740	5800	40	710	Y(YKS)5601-8,800kW,IP23(IP44),6kV	89	6	
						YKK5603-8,800kW,IP44(IP54),6kV			
105-700	730	740	5400	36	602	Y(YKS)5004-8,710kW,IP23(IP44),6kV	88	5.8	
						YKK5602-8,710kW,IP44(IP54),6kV			
115-500	617	1480	4040	105	1269	Y(YKS)5601-4,1600kW,IP23(IP44),6kV	91	8.6	
						YKK5603-4,1600kW,IP44(IP54),6kV			
115-500	610	1480	4040	103	1251	Y(YKS)5004-4,1400kW,IP23(IP44),6kV	90.5	8.6	
						YKK5602-4,1400kW,IP44(IP54),6kV			
115-500	580	1480	3870	93	1095	Y(YKS)5003-4,1250kW,IP23(IP44),6kV	89.5	8.4	
						YKK5601-4,1250kW,IP44(IP54),6kV			
115-500	545	1480	3720	82	944	Y(YKS)5002-4,1120kW,IP23(IP44),6kV	88	8.2	
						YKK5004-4,1120kW,IP44(IP54),6kV			
115-500	528	1480	3800	75	885	Y(YKS)5001-4,1000kW,IP23(IP44),6kV	88.5	8.2	
						YKK5003-4,1000kW,IP44(IP54),6kV			
115-500	510	1480	3740	69	820	Y(YKS)4504-4,900kW,IP23(IP44),6kV	87.5	8.2	
						YKK5002-4,900kW,IP44(IP54),6kV			
115-500	617	980	2700	46	372	Y(YKS)4501-6,450kW,IP23(IP44),6kV	91	4.4	
						YKK4504-6,450kW,IP44(IP54),6kV			
115-500	600	980	2700	43	350	Y(YKS)4005-6,400kW,IP23(IP44),6kV	90.5	4.4	
						YKK4503-6,400kW,IP44(IP54),6kV			
115-500	580	980	2600	40	316	Y(YKS)4004-6,355kW,IP23(IP44),6kV	89.5	4.4	
						YKK4502-6,355kW,IP44(IP54),6kV			
115-500	545	980	2520	36	278	Y(YKS)4003-6,315kW,IP23(IP44),6kV	89	4.1	
						YKK4006-6,315kW,IP44(IP54),6kV			
115-500	510	980	2500	30	240	Y(YKS)4002-6,280kW,IP23(IP44),6kV	87.5	4.1	
						YKK4005-6,280kW,IP44(IP54),6kV			

* Re detailed technical data, please refer to performance curves.

Performance Data

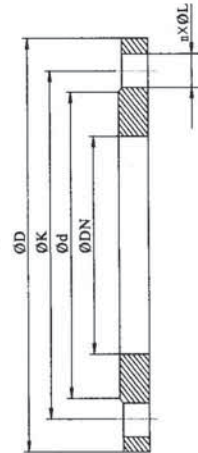
Pump Model	Impeller Dia. D2 (mm)	Pump Speed n (r/min)	Flow Rate Q (m3/h)	Head H (m)	Shaft Power N (kW)	Motor Specifications	Pump Eff. η (%)	NPSHR (m)	Pump Weight (kg)
125-200	658	1480	1350	122	554	Y(YKS)4502-4,710kW,IP23(IP44),6kV	81	5.4	1450
						YKK4505-4,710kW,IP44 (IP54),6kV			
125-200	653	1480	1350	119	547	Y(YKS)4501-4,630kW,IP23(IP44),6kV	80	5.4	
						YKK4504-4,630kW,IP44(IP54),6kV			
125-200	630	1480	1350	107	492	Y(YKS)4005-4,560kW,IP23(IP44),6kV	80	5.4	
						YKK4503-4,560kW,IP44 (IP54),6kV			
125-200	610	1480	1300	100	448	Y(YKS)4004-4,500kW,IP23(IP44),6kV	79	5.2	
						YKK4502-4,500kW,IP44 (IP54),6kV			
125-200	574	1480	1150	88	358	Y(YKS)4003-4,450kW,IP23(IP44),6kV	77	4.8	
						YKK4006-4,450kW,IP44(IP54),6kV			
125-200	658	980	1050	47.6	168	Y355M2-6,185kW,IP44,380V	81	3.5	
125-200	630	980	965	44	145	Y355M1-6,160kW,IP44,380V	80	3.2	
125-200	574	980	810	38	109	Y315L2-6,132kW,IP44,380V	77	2.8	
125-400	640	1480	2200	125	881	Y(YKS)5002-4,1120kW,IP23(IP44),6kV	85	7.4	
						YKK5004-4,1120kW,IP44 (IP54),6kV			
125-400	608	1480	2080	113	757	Y(YKS)5001-4,1000kW,IP23(IP44),6kV	84.5	7	
						YKK5003-4,1000kW,IP44 (IP54),6kV			
125-400	577	1480	1940	102	645	Y(YKS)4504-4,900kW,IP23(IP44),6kV	83.5	6.8	
						YKK5002-4,900kW,IP44 (IP54),6kV			
125-400	568	1480	1940	98	624	Y(YKS)4503-4,800kW,IP23(IP44),6kV	83	6.8	
						YKK5001-4,800kW,IP44 (IP54),6kV			
125-400	550	1480	1870	90	555	Y(YKS)4502-4,710kW,IP23(IP44),6kV	82.5	6.5	
						YKK4505-4,710kW,IP44 (IP54),6kV			
130-200	630	1480	625	143	312	Y(YKS)4003-4,450kW,IP23(IP44),6kV	78	4.2	
						YKK4006-4,450kW,IP44 (IP54),6kV			
130-200	610	1480	620	132	293	Y(YKS)4002-4,400kW,IP23(IP44),6kV	76	4.2	
						YKK4005-4,400kW,IP44 (IP54),6kV			
130-200	590	1480	600	122	264	Y(YKS)4001-4,355kW,IP23(IP44),6kV	75.5	4.2	
						YKK4004-4,355kW,IP44 (IP54),6kV			
130-200	570	1480	560	112	228	Y355L2-4,315kW,IP44,380V	75	4.2	
130-200	550	1480	550	101	210	Y355L1-4,280kW,IP44,380V	72	4.2	
130-200	530	1480	500	93	181	Y355M2-4,250kW,IP44,380V	70	4.4	
130-200	510	1480	500	82	160	Y355M1-4,220kW,IP44,380V	70	4.4	
130-200	630	980	415	62.5	91	Y315L2-6,132kW,IP44,380V	78	2.2	
130-200	590	980	390	54	76	Y315L1-6,110kW,IP44,380V	75.5	2.2	
130-200	550	980	360	44.5	60	Y315M-6,90kW,IP44,380V	73	2.3	
130-200	510	980	360	34	48	Y315S-6,75kW,IP44,380V	70	2.3	
140-150	323	2970	390	128	174	Y355M1-2,220kW,IP44,380V	78	6	
140-150	313	2970	370	124	160	Y315L2-2,200kW,IP44,380V	78	5.8	
140-150	293	2970	340	116	143	Y315L1-2,185kW,IP44,380V	75	5.4	
140-150	323	1470	200	31.5	22	Y200L-4,30kW,IP44,380V	78	4.2	
140-150	293	1470	170	27	16.9	Y180L-4,22kW,IP44,380V	74	3.7	

* Re detailed technical data, please refer to performance curves.

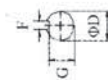
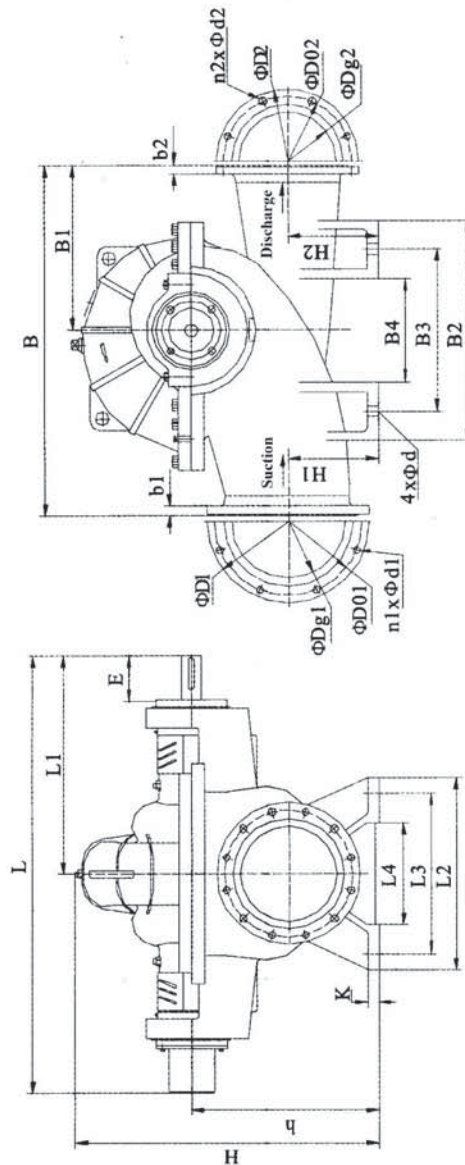
! Remarks: Standard motor is for indoor use only. Please state clear in PO when pump unit for outdoor use is needed.

Flange Dimensions

Item	DN	d	K	D	n $\times$ Φ L	Pressure (kg/cm ²)
1	100	156	180	220	8 $\times$ Φ 18	10
2	125	184	210	250	8 $\times$ Φ 18	10
3	125	184	210	250	8 $\times$ Φ 18	16
4	150	211	240	285	8 $\times$ Φ 22	10
5	150	211	250	300	8 $\times$ Φ 28	25
6	200	266	295	340	8 $\times$ Φ 22	10
7	200	266	295	340	12 $\times$ Φ 22	16
8	200	274	310	360	12 $\times$ Φ 28	25
9	250	320	350	395	12 $\times$ Φ 22	10
10	250	320	355	405	12 $\times$ Φ 28	16
11	300	370	400	445	12 $\times$ Φ 22	10
12	300	370	410	460	12 $\times$ Φ 28	16
13	300	389	430	485	16 $\times$ Φ 31	25
14	350	428	460	505	16 $\times$ Φ 22	10
15	350	429	470	520	16 $\times$ Φ 28	16
16	400	480	515	565	16 $\times$ Φ 28	10
17	400	480	525	580	16 $\times$ Φ 31	16
18	500	582	620	670	20 $\times$ Φ 28	10
19	500	609	650	715	20 $\times$ Φ 34	16
20	600	682	725	780	20 $\times$ Φ 31	10
21	600	720	770	840	20 $\times$ Φ 37	16
22	700	794	840	895	24 $\times$ Φ 31	10
23	700	794	840	910	24 $\times$ Φ 37	16
24	800	901	950	1015	24 $\times$ Φ 34	10
25	800	901	950	1025	24 $\times$ Φ 40	16
26	900	1001	1050	1115	28 $\times$ Φ 34	10
27	900	1001	1050	1125	28 $\times$ Φ 40	16
28	1000	1112	1160	1230	28 $\times$ Φ 37	10
29	1000	1112	1170	1255	28 $\times$ Φ 43	16
30	1200	1328	1380	1455	32 $\times$ Φ 40	10
31	1200	1328	1390	1485	32 $\times$ Φ 49	16
32	1400	1535	1590	1675	36 $\times$ Φ 43	10



KPS Outline Dimensions



Shaft End Dimensions

Item	D	G	F	Related Pump Models	
				D	F
1	30	26	8	15-200, 30-100, 30-150, 50-100, 80-100	
2	40	35	12	10-300, 20-250, 25-200, 45-150, 70-150, 95-125	
3	50	44.5	14	10-500, 20-350, 25-300, 30-250, 45-200, 45-200P, 65-150, 140-150	
4	60	53	18	20-400, 35-300, 35-350, 70-250, 70-250P, 90-200, 130-200	
5	75	67.5	20	50-350, 75-250, 125-200	
6	85	76	22	20-600, 20-700, 50-500, 60-500, 70-400, 90-500, 125-400	
7	115	104	32	50-700, 55-800, 20-800, 70-600, 70-700, 115-500	
8	155	142	40	50-900, 50-1000, 70-800, 105-700	
9	185	170	45	90-900, 50-1200	

KPS Outline Dimensions

Item	Pump Model	L	L1	L2	L3	L4	B	B1	B2	B3	B4	H	H1	H2	h	K	d	Dg1	D1	D01	n1×φd1	b1	Dg2	D2	D02	n2×φd2	b2	E
1	10-300	1116	535	510	450	330	1000	500	620	550	430	808	245	245	510	40	28	300	445	400	12×φ22	28	300	445	400	12×φ22	28	90
2	10-500	1456	717.5	760	580	420	1550	775	1020	800	580	1251	390	390	800	55	42	500	670	620	20×φ28	34	500	670	620	20×φ28	34	130
3	15-200	995	485	410	350	230	745	330	510	450	330	709	240	235	450	30	28	250	395	350	12×φ22	28	200	340	295	8×φ22	28	85
4	20-250	1096	537	510	450	330	900	400	620	550	430	803	260	250	510	40	28	300	445	400	12×φ22	28	250	395	350	12×φ22	28	105
5	20-350	1377	675	580	500	380	1168	584	680	600	450	970	310	310	620	50	34	350	505	460	16×φ22	30	350	505	460	16×φ22	30	133
6	20-400	1537	750	760	580	420	1460	640	1020	800	580	1266	390	390	800	55	42	500	670	620	20×φ28	34	400	565	515	16×φ28	32	135
7	20-600	1908	935	1050	850	550	1700	800	1200	850	600	1622	516	536	1050	50	48	700	895	840	24×φ31	40	600	780	725	20×φ31	36	175
8	20-700	2058	1010	1250	1000	750	2200	1000	1500	1200	900	1845	595	595	1200	50	48	800	1015	950	24×φ34	44	700	895	840	24×φ31	40	175
9	20-800	2650	1300	1250	1000	750	2400	1100	1500	1200	900	2280	608.6	608.6	1350	50	48	900	1115	1050	28×φ34	46	800	1015	950	24×φ34	44	215
10	25-200	1040	501	410	350	230	850	400	510	400	-	738	220	220	450	30	28	250	395	350	12×φ22	28	200	340	295	8×φ22	26	90
11	25-300	1291	632	580	500	360	1040	460	680	600	450	963	330	320	620	50	34	350	505	460	16×φ22	30	300	445	400	12×φ22	28	120
12	30-100	861	419	300	250	170	520	250	340	270	160	474	170	180	320	20	18	150	285	240	8×φ22	26	100	220	180	8×φ18	24	87
13	30-150	934	453	330	280	190	570	285	340	280	180	565	200	220	370	25	18	200	340	295	8×φ22	26	150	285	240	8×φ22	26	82
14	30-250	1234	610	520	450	330	880	410	600	450	300	824	250	240	510	40	28	300	445	400	12×φ22	28	250	395	350	12×φ22	28	135
15	35-300	1392	675	600	500	360	1080	510	690	500	310	982	320	320	620	50	34	350	505	460	16×φ22	30	300	445	400	12×φ22	28	130
16	35-350	1524	756	760	580	420	1350	630	1020	800	580	1270	385	385	800	55	42	500	670	620	20×φ28	34	350	505	460	16×φ22	30	160
17	45-150	996	470	300	250	200	620	300	340	250	-	547	185	185	355	25	18	200	340	295	8×φ22	26	150	285	240	8×φ22	26	89
18	45-200	1237	610	410	350	230	890	440	510	400	-	745	250	190	450	30	28	250	395	350	12×φ22	28	200	340	295	8×φ22	26	133
19	45-200P	1237	610	410	350	230	890	440	510	400	-	745	250	190	450	30	28	250	395	350	12×φ22	28	200	340	295	8×φ22	26	133
20	50-100	832	400	330	280	190	550	250	340	280	-	435	145	145	285	25	18	150	285	240	8×φ22	26	100	220	180	8×φ18	24	78
21	50-350	1549	768	820	700	480	1185	580	900	700	400	1055	335	270	670	40	34	400	565	515	16×φ28	32	350	505	460	16×φ22	30	170
22	50-500	1948	955	1050	850	550	1660	760	1100	850	600	1624	503	503	1050	50	48	700	895	840	24×φ31	40	500	670	620	20×φ28	34	175
23	50-700	2353	1150	1250	1000	750	2100	1000	1500	1200	900	1868	610	610	1200	50	48	800	1015	950	24×φ34	44	700	895	840	24×φ31	40	215
24	50-900	2633	1305	1400	1200	700	2550	1200	1600	1300	1000	2400	677.5	677.5	1450	70	56	1000	1230	1160	28×φ37	50	900	1115	1050	28×φ34	46	245
25	50-1000	2933	1455	1700	1460	1000	3082	1340	2000	1600	1200	2750	805.5	805.5	1750	70	56	1200	1455	1380	32×φ40	56	1000	1230	1160	28×φ37	50	245
26	50-1200	3786	1880	2000	1760	1240	3960	1800	2000	2450	1600	3458	1060	1060	2230	90	66	1400	1675	1590	36×φ42	62	1200	1455	1380	32×φ39	56	290

Item	Pump Model	L	L1	L2	L3	L4	B	B1	B2	B3	B4	H	H1	H2	h	K	d	Dg1	D1	D01	n1×φd1	b1	Dg2	D2	D02	n2×φd2	b2	E
27	55-800	2470	1210	1250	1000	750	2345	1145	1500	1200	900	1965	618	618	1250	50	48	900	1115	1050	28×φ34	46	800	1015	950	24×φ34	44	215
28	60-500	1978	970	1050	850	550	1680	780	1100	850	600	1650	471	471	1050	50	48	700	895	840	24×φ31	40	500	670	620	20×φ28	34	175
29	65-150	1227	603	510	450	330	880	400	620	550	430	856	270	220	510	40	28	250	395	350	12×φ22	28	150	285	240	8×φ22	26	125
30	70-150	996	470	330	280	190	620	300	360	280	-	544	185	185	355	25	18	200	340	295	8×φ22	26	150	285	240	8×φ22	26	89
31	70-250	1306	625	510	450	330	1070	530	620	550	430	852	260	200	510	40	28	300	445	400	12×φ22	28	250	395	350	12×φ22	28	134
32	70-250P	1306	625	510	450	330	1070	530	620	550	430	852	260	200	510	40	28	300	445	400	12×φ22	28	250	395	350	12×φ22	28	134
33	70-400	1848	905	850	700	450	1290	600	950	750	550	1267	359	359	800	50	48	500	670	620	20×φ28	34	400	565	515	16×φ28	32	175
34	70-600	2503	1225	1200	1050	800	2000	970	1400	1100	800	1780	500	500	1130	50	48	700	895	840	24×φ31	40	600	780	725	20×φ31	36	215
35	70-700	2503	1225	1250	1000	750	2150	1100	1500	1200	900	1946	580	580	1250	50	48	800	1015	950	24×φ34	44	700	895	840	24×φ31	40	215
36	70-800	2743	1360	1750	1460	1100	2580	1200	1900	1500	1100	2510	718	718	1600	70	56	1000	1230	1160	28×φ37	50	800	1015	950	24×φ34	44	245
37	75-250	1592	765	600	500	360	1250	600	690	500	310	1118	346	264	620	50	34	350	505	460	16×φ22	30	250	395	350	12×φ22	28	173
38	80-100	811	401	300	250	160	550	250	340	270	170	455	145	130	285	25	18	150	285	240	8×φ22	26	100	220	180	8×φ18	24	74
39	90-200	1375	674	520	450	330	1046	470	600	450	300	898	242	185	510	40	28	300	445	400	12×φ22	28	200	340	295	8×φ22	26	165
40	90-500	1920	941	950	800	600	1650	800	1150	900	650	1370	422	422	900	50	48	600	780	725	20×φ31	36	500	670	620	20×φ28	34	175
41	90-900	3169	1570	2000	1750	1350	3160	1360	2000	1460	1000	2840	815	815	1800	70	56	1200	1485	1390	32×φ49	70	900	1125	1050	28×φ40	62	290
42	95-125	991	475	330	280	200	680	330	350	280	200	555	185	185	355	25	18	200	340	295	12×φ22	28	125	250	210	8×φ18	26	105
43	105-700	2673	1325	1250	1000	750	2330	1080	1500	1200	900	2150	615	615	1370	70	56	900	1125	1050	28×φ40	62	700	910	840	24×φ37	54	245
44	115-500	2393	1170	1085	940	710	1710	810	1130	890	650	1555	477	477	1000	50	48	600	840	770	20×φ37	48	500	715	650	20×φ34	42	215
45	125-200	1562	775	580	500	360	1210	550	680	600	450	1080	290	210	620	50	34	350	520	470	16×φ28	36	200	340	295	12×φ22	30	185
46	125-400	1717	840	800	600	400	1550	750	1050	800	550	1200	390	326	760	50	48	500	715	650	20×φ34	42	400	580	525	16×φ31	38	175
47	130-200	1436	705	520	450	330	1130	500	680	600	450	1040	295	295	620	45	28	300	485	430	16×φ31	40	200	360	310	12×φ28	34	164
48	140-150	1145	558	520	450	330	760	380	550	400	250	685	240	240	450	36	28	250	425	370	12×φ31	34	150	300	250	8×φ28	34	130

Order Remarks: For safety operation, application conditions such as medium and temp shall be clear stated in PO. When it is beyond application in this catalogue, please first check with us.

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