



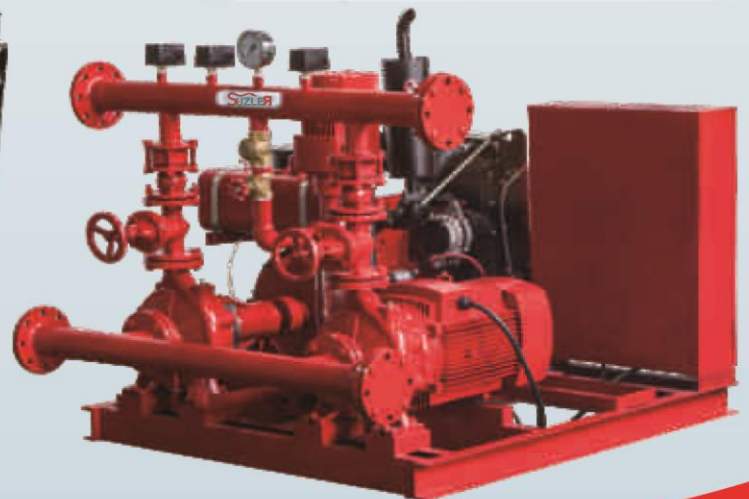
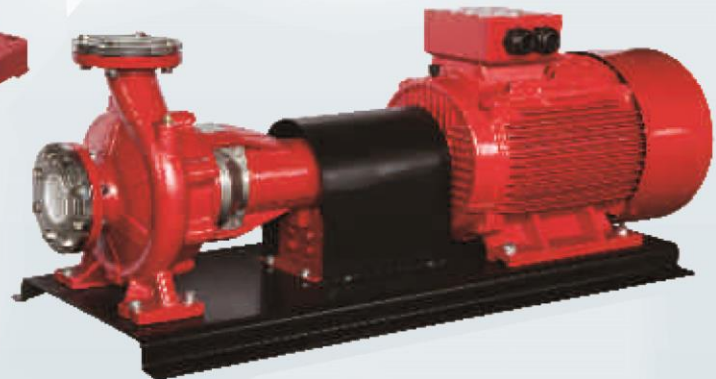
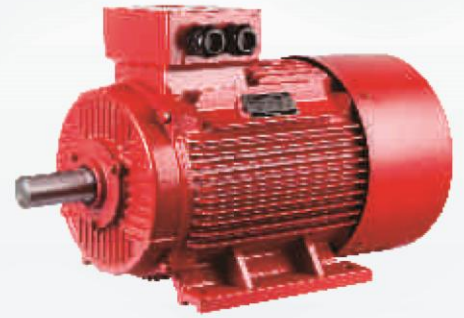
GENERAL CATALOGUE

**Fire Fighting Equipment Manufacturer
A Leader in Fire Protection System
Diverse Products Best Quality Full Service**

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PS/ PSD/PSC/PSM Pump for Fire Fighting System



PS



PSD



PSC



PSM

TECHNICAL DESCRIPTION

- ※ New EN733 standard centrifugal pump
- ※ Both square motor & round motor available
- ※ YE3 high efficient motor, with protection IP55 class F
- ※ Pump case with anti-corrosive coating
- ※ Impeller in stainless steel AISI 304 or cast iron
- ※ Shaft in stainless steel AISI 304 or galvanized iron
- ※ Galvanized counter flange with bolts, nuts and gaskets

APPLICATIONS

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made. The EN733 centrifugal pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatisation sets, agricultural.

USING LIMITS

Liquid temperature between **-10°C** and **+120°C**
 Ambient temperature up to **+50°C**
 Max. working pressure **16 bar**
 Continuous service **S1**

PATENTS

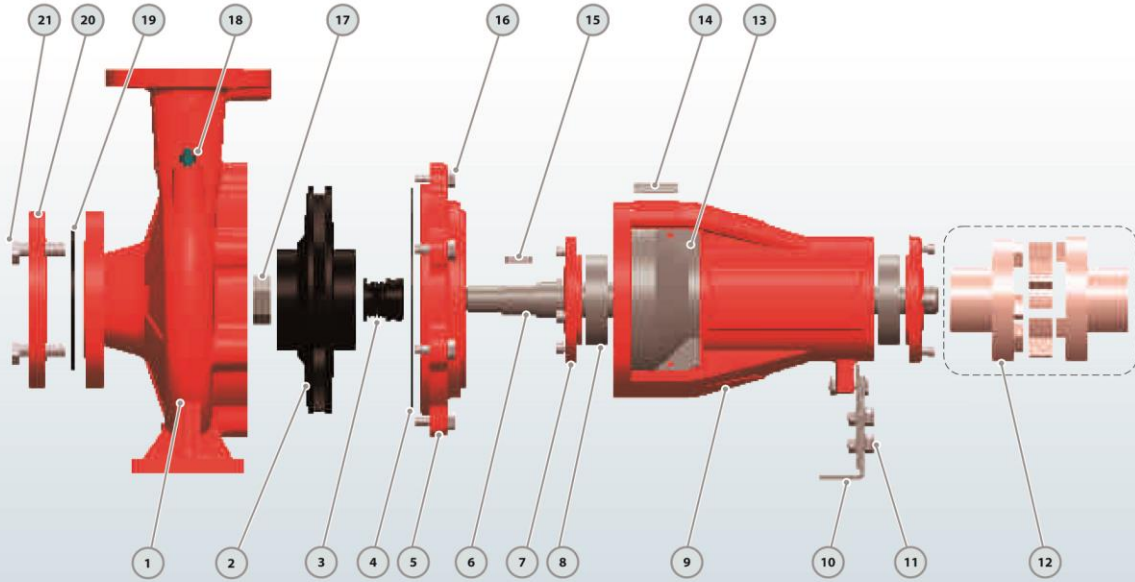
Registered model PST
 Registered Patent Design n° 201530478502.0

STANDARD IMPELLER MATERIAL

DISCHARGE SIZE	IMPELLER SIZE						
	125	160	200	250	250D	315	400
32	Ss304	Ss304	Ss304	Cast iron	Ss304		
40	Cast iron	Cast iron	Ss304	Cast iron	/		
50	Cast iron	Cast iron	Cast iron	Cast iron	/		
65	Cast iron	Cast iron	Cast iron	Cast iron	/	Cast iron	
80	Cast iron	Cast iron	Cast iron	Cast iron	/	Cast iron	Cast iron
100		Cast iron	Cast iron	Cast iron	/	Cast iron	Cast iron
125			Cast iron	Cast iron	/	Cast iron	Cast iron
150			Cast iron	Cast iron	/	Cast iron	Cast iron
200				Cast iron	/	Cast iron	Cast iron
250					/	Cast iron	Cast iron



MATERIAL DESCRIPTION



No.	Description	Material	No.	Description	Material	No.	Description	Material
1	Pump Case	Cast iron	8	Bearing	Ball Bearing	15	Impeller Key	Iron
2	Impeller	Brass /Cast iron	9	Support Case	Cast iron	16	Connection Bolt	Steel
3	Mechanical Seal	SiC/Carbon/SS304	10	Support Foot	Iron	17	Impeller Nut	Galvanized Steel
4	O-ring	Rubber	11	Foot Bolt	Steel	18	Release Valve	Brass
5	Connection	Cast iron	12	Coupling(Optional)	Steel	19	Gasket	Rubber
6	Shaft	SS304/45# Steel	13	Case Cover	SS304	20	Counter Flange	Galvanized Cast iron
7	Bearing Cover	Cast iron	14	Nameplate	Aluminum	21	Flange Bolt	Steel



TECHNICAL DATA

GPM	Bar	Pump for diesel 2900rpm	Pump for electric 3500rpm	Motor pump 3500rpm
80	7	PS32-250/75	PS32-200/75	PST32-200/75
100	7	PS32-250/75	PS32-200/75	PST32-200/75
120	7	PS32-250/75H	PS32-200/75H	PST32-200/75D
150	7	PS40-250/110	PS40-200/110	PST40-200/110
200	7	PS40-250/150	PS40-200/150	PST40-200/150
250	7	PS50-250/185	PS50-200/185	PST50-200/185
300	7	PS50-250/220	PS50-200/220	PST50-200/220
350	7	PS50-250/220	PS50-200/220	PST50-200/220
400	7	PS65-250/300	PS65-200/300	PST65-200/300
500	7	PS65-250/300	PS65-200/300	PST65-200/300
500	8	PS65-250/370	PS65-200/370	PST65-200/370
500	9	PS65-315/370	PS65-250/370	-
500	10	PS65-315/450	PS65-250/450	-
500	11	PS65-315/550	PS65-250/550	-
500	12	PS65-315/750	PS65-250/750	-
500	13	PS65-315/750	PS65-250/750	-
750	7	PS80-250/450	PS80-200/450	PST80-200/450
750	8	PS80-250/550	PS80-200/550	PST80-200/550
750	9	PS80-315/750	PS80-250/750	-
750	10	PS80-315/750	PS80-250/750	-
750	11	PS80-315/750	PS80-250/750	-
750	12	PS80-315/900	PS80-250/900	-
750	13	PS80-315/900	PS80-250/900	-
1000	7	PS100-250/550	PS100-200/550	PST100-200/550
1000	8	PS100-250/750	PS100-200/750	PST100-200/750
1000	9	PS100-315/750	PS100-250/750	-
1000	10	PS100-315/900	PS100-250/900	-
1000	11	PS100-315/900	PS100-250/900	-
1000	12	PS100-315/1100	PS100-250/1100	-
1000	13	PS100-315/1100	PS100-250/1100	-
1000	14	PSC80-370A1/1320	PSC80-370A1/1320	-
1000	15	PSC80-370A1/1320	PSC80-370A1/1320	-
1250	7	PS125-250/900	PS125-200/900	-
1250	8	PS125-250/1100	PS125-200/1100	-
1250	9	PS125-315/1100	PS125-250/1100	-
1250	10	PS125-315/1320	PS125-250/1320	-
1250	11	PS125-315/1320	PS125-250/1320	-
1250	12	PS125-315/1600	PS125-250/1600	-
1250	13	PS125-315/1600	PS125-250/1600	-

50 n=2900 1/min

GPM	Bar	Pump for diesel 2900rpm	Pump for electric 3500rpm	Motor pump 3500rpm
1250	14	PSC100-375A2/2000	PSC100-375A2/2000	-
1250	15	PSC100-375A2/2000	PSC100-375A2/2000	-
1250	17	PSC100-375B1/2500	PSC100-375B1/2500	-
1500	8	PS125-250/1100	PS125-200/1100	-
1500	9	PS125-315/1100	PS125-250/1100	-
1500	10	PS125-315/1320	PS125-250/1320	-
1500	11	PS125-315/1320	PS125-250/1320	-
1500	12	PS125-315/1600	PS125-250/1600	-
1500	13	PS125-315/1600	PS125-250/1600	-
1500	15	PSC100-375B1/2500	PSC100-375B1/2500	-
1500	18	PSC100-375A1/2500	PSC100-375A1/2500	-
2000	8	PS150-250/1600	PS150-200/1600	-
2000	10	PS150-315/2000	PS150-250/2000	-
2000	11	PSC125-290A1/2000	PSC125-290A1/2000	-
2000	12	PSC125-365A3/2500	PSC125-365A3/2500	-
2000	13	PS150-315/2500	PS150-250/2500	-
2000	15	PSC125-365A2/3150	PSC125-365A2/3150	-
2000	17	PSC125-365B1/3550	PSC125-365B1/3550	-
2500	8	PS150-250/1600	PS150-200/1600	-
2500	10	PS150-315/2000	PS150-250/2000	-
2500	12	PS150-315/2500	PS150-250/2500	-
2500	13	PSC150-460B2/3150	PSC150-460B2/3150	-
2500	15	PSC125-365A2/3550	PSC125-365A2/3550	-
2500	17	PSC125-365B1/3550	PSC125-365B1/3550	-
3000	10	PSC150-360A3/2500	PSC150-360A3/2500	-
3000	12	PSC150-360A2/3550	PSC150-360A2/3550	-
3000	13	PSC150-460B2/3550	PSC150-460B2/3550	-
3000	14	PSC150-360B1/4000	PSC150-360B1/4000	-
3000	16	PSC150-460B1/4500	PSC150-460B1/4500	-
4000	11	PSC200-420B3/4000	PSC200-420B3/4000	-
4000	14	PSC200-420B2/5000	PSC200-420B2/5000	-
4000	15	PSC150-360A1/5000	PSC150-360A1/5000	-
4000	17	PSC150-460A1/5600	PSC150-460A1/5600	-
5000	10	PSC200-320B2/4000	PSC200-320B2/4000	-
5000	11	PSC200-320B1/5000	PSC200-320B1/5000	-
5000	12	PSC200-320A1/5600	PSC200-320A1/5600	-
5000	14	PSC200-420A2/5600	PSC200-420A2/5600	-
5000	16	PSC200-420B1/7100	PSC200-420B1/7100	-
5000	17	PSC200-420A1/8000	PSC200-420A1/8000	-

Other sizes can provide on request.



TECHNICAL DATA

50 Hz n=2900 1/min

MODEL	Power		us gpm l/min m³/h	Q=DELIVERY																			DN
				0	26	40	66	79	106	119	159	185	211	238	317	370	396	476	529	608	793	925	
				0	100	150	250	300	400	450	600	700	800	900	1200	1400	1500	1800	2000	2300	3000	3500	
				0	6	9	15	18	24	27	36	42	48	54	72	84	90	108	120	138	180	210	
	kw	hp																					mm
32-125/07	0.75	1	H(m)	17.5	16.7	15	12	9														50x32	
32-125/11	1.1	1.5		22	21	19.7	16.5	14.5	9													50x32	
32-160/15	1.5	2		25.4	23.7	22.5	18.5	15.8														50x32	
32-160/22	2.2	3		31	29.6	28.5	24.5	22	15													50x32	
32-160/30	3	4		35	34.3	34	28	25.5	19	15												50x32	
32-200/30	3	4		44.2	43	39.8	35.2	32.2	24.6	19.8												50x32	
32-200/40	4	5.5		54.5	52	50	45.5	41.9	35	30.3												50x32	
32-250/55	5.5	7.5		60	59.5	59	55	51	34.5													50x32	
32-250/75	7.5	10		69.5	69	68.5	66	63	53													50x32	
32-250/110	11	15		90	89.5	89	82	79	66													50x32	
32-250/55D	5.5	7.5		79.5	74.7	71.8	63	56	37.5													50x32	
32-250/75D	7.5	10		95	93	91	83	76	57.8													50x32	
40-125/11	1.1	1.5		14.7				13.5	11.5	10.1	5.8											65x40	
40-125/15	1.5	2		18.1				17	15	13.9	9.6	6										65x40	
40-125/22	2.2	3		24.5				23.2	21.5	20.2	16	13	8.3									65x40	
40-160/30	3	4		31.8				29.5	27.5	26.3	21.5	17.5										65x40	
40-160/40	4	5.5		38				36	34	33	28.5	25	20.1									65x40	
40-200/55	5.5	7.5		46				43.8	41.3	40.1	35	30										65x40	
40-200/75	7.5	10		57				53.6	51.5	50	45	41	36.5									65x40	
40-250/92	9.2	12.5		64				59	56.5	55	49.5	45	39.8									65x40	
40-250/110	11	15		72				67.5	66	63.5	57.5	52.2	47									65x40	
40-250/150	15	20		84.5				80	77.3	75.2	71	65	61									65x40	
50-125/22	2.2	3		17							15.4	14	12.8	11.5	6.5							65x50	
50-125/30	3	4		20							18.8	18	17	15.6	11							65x50	
50-125/40	4	5.5		24							23.1	23	21.5	20.3	15.8	11.8						65x50	
50-160/55	5.5	7.5		32							30.6	30	28	26.6	20.5	14.8						65x50	
50-160/75	7.5	10		40							38	37	36	34.4	29	24	21					65x50	
50-200/92	9.2	12.5		50.5							46.8	45	43	40.9	32.5	26.7						65x50	
50-200/110	11	15		57.5							53.5	52	50	47.5	40	34	29					65x50	
50-200/150	15	20		62							58	56.5	54.5	52	44.5	39	35.5					65x50	
50-250/150	15	20		68.5							64	63	61.5	59	50	41						65x50	
50-250/185	18.5	25		79							75.8	74.8	74	71.5	63.5	55.5	47					65x50	
50-250/220	22	30		89.5							86	85.3	84	81.5	73.5	65.5	57					65x50	
65-125/40	4	5.5		19									17.3	16.8	14.5	13	11.8					80x65	
65-125/55	5.5	7.5		23									21.3	20.9	19	17.5	16.7	13.7				80x65	
65-125/75	7.5	10		27									26	25.6	24.5	23	22.5	20	18			80x65	
65-160/92	9.2	12.5		33										31.5	30	28	27.1	24	21.5			80x65	
65-160/110	11	15		36										34.5	33	31.5	30.8	28	25.5			80x65	
65-160/150	15	20		42										41	40	38.5	37.8	35	33	29.5		80x65	
65-200/150	15	20		45										45.5	43	41	40.2	36.5	34			80x65	
65-200/185	18.5	25		52										52.3	51	49	48.2	44.5	42			80x65	
65-200/220	22	30		59										59.5	58	56	55	52	49.5	44.5		80x65	
65-250/220	22	30		64.8										64.7	62	60	58.5	53	50			80x65	
65-250/300	30	40		80										79.8	77.5	75.5	74.5	70	66	58		80x65	
65-250/370	37	50		92										90.5	88.5	87	85	80.5	78	68		80x65	
65-315/370	37	50	102										99.2	97	95	94.5	92.4	90	83		80x65		
65-315/450	45	60	112										109.2	107.7	105.8	104.5	102.5	100	93	66	80x65		
65-315/550	55	75	122										119.2	117.4	115.7	114.5	112.5	110	103	76	80x65		
65-315/750	75	100	141										139.8	137.3	135.6	134.5	132.5	130	122	96	65.5	80x65	
80-125/40	4	5.5	17									16.5	15.9	14.3	13.5	11.6	10	7.5			100x80		
80-125/55	5.5	7.5	21										20.5	20	19	18	16.5	15	12.5	9.5		100x80	
80-125/75	7.5	10	26										25	25	24.5	23.8	22.5	21.5	19.5	16.5		100x80	



TECHNICAL DATA

50 Hz n=2900 1/min

MODEL		Power		us gpm l/min m³/h	Q=DELIVERY																	DN
					0	264	396	529	634	793	881	925	969	1057	1233	1322	1586	1762	2203	2643	3524	
		0	1000		1500	2000	2400	3000	3333	3500	3666	4000	4666	5000	6000	6666	8333	10000	13333	16666		
		kw	hp		0	60	90	120	144	180	200	210	220	240	280	300	360	400	500	600	800	1000
80-160/110	•	11	15	H(m)	27	27	27.3	24.5	21.1	16											100x80	
80-160/150	•	15	20		32.8	32.6	32.5	30.2	27	22.1	18.5	16.7									100x80	
80-160/185	•	18.5	25		39	38.5	38	36.7	33.6	28.8	25.3	23.5									100x80	
80-160/220	•	22	30		44	43.5	43	41.7	38.6	33.8	30.3	28.5									100x80	
80-200/220	•	22	30		48	47.7	47.5	43.5	39.2	32.5	27.2	24.5									100x80	
80-200/300	•	30	40		60	59.7	59.5	57	53.1	47	42.7	40.5									100x80	
80-250/370	•	37	50		71.5	70.9	70.5	65.5	59.3	51	43.2	38.5									100x80	
80-250/450	•	45	60		88	86.7	86	83.6	78.5	70.5	60	51									100x80	
80-250/550	•	55	75		94.5	94.5	94.5	91.8	87	79.5	72.1	68.3									100x80	
80-315/450	•	45	60		85	84	82.6	82	78	68.3	61	56									100x80	
80-315/550	•	55	75		98	97	95.6	95	91	81.3	74	69									100x80	
80-315/750	•	75	100		124	123	121.6	121	117	107.3	100	95	90	80.8							100x80	
80-315/900	•	90	125		144	143	141.6	141	137	127.3	120	115	110	100.8							100x80	
100-160/150	•	15	20		35	33.5	32.5	30	27.8	24.5	21.5	20	18.3	15							125x100	
100-160/185	•	18.5	25		38.5	37.5	36.5	34.3	32.2	29	25.7	24	22	18							125x100	
100-160/220	•	22	30		43	41	40	37.6	35.2	31.5	28.5	27	25.3	22							125x100	
100-200/220	•	22	30		38.5	36.7	35.7	33.8	31.7	28.5	26.8	26	25	22.9	16.3	13					125x100	
100-200/300	•	30	40		44.5	42.5	42	40.2	38.8	36.7	34.2	33	31.7	29	21.7	18					125x100	
100-200/370	•	37	50		55	53	51	50.6	49.2	47	45	44	42.8	40.5	32.8	29					125x100	
100-250/450	•	45	60		65	65	64	63	61	58	56	55	53.3	50	39	33.5					125x100	
100-250/550	•	55	75		77	76	75.5	75	73.8	72	71.7	71.5	70.7	69	62.3	59					125x100	
100-250/750	•	75	100		91	91	90.5	89.7	88	85.5	84	83.3	81.5	78	71.7	68.5	48				125x100	
100-315/550	•	55	75		80			79	77.4	75	74	73.5	73	71.3	68	66	60				125x100	
100-315/750	•	75	100		100			99	97.4	95	94	93.5	93	91.3	88	86	80				125x100	
100-315/900	•	90	125		118			116.5	114.7	112	111	110.8	110.5	108.7	106	104	98				125x100	
100-315/1100	•	110	150		138			136.5	134.7	132	131	130.8	130.5	128.7	126	124	118				125x100	
125-200/450	•	45	60		39.8			39.3	39.2	39	38.9	38.9	38.8	37.5	35	34	28.6	25				150x125
125-200/550	•	55	75		49.8			49.3	49.2	49	48.9	48.9	48.8	47.5	45	44	38.6	35				150x125
125-200/750	•	75	100		60.8			60.3	60.2	60	59.9	59.9	59.8	58.5	56	55	49.6	46				150x125
125-250/550	•	55	75		70			67	65	64	63	62	61	59.5	57	56	53					150x125
125-250/750	•	75	100		80			77	75	74	73	72	71	69.8	67.1	66.2	63	58.5				150x125
125-250/900	•	90	125		87			84	82	81	80	79	78	77	74.5	73.5	70.2	65.7				150x125
125-250/1100	•	110	150	97			94	92	91	90	89	88	87	84.6	83.9	80.4	76				150x125	
125-315/900	•	90	125	89						87	86	85	83.7	81.5	81	77	74	61			150x125	
125-315/1100	•	110	150	103						101	100	99	97.8	95.5	95	91.5	88.2	75.6			150x125	
125-315/1320	•	132	180	118						116	115	114	112.5	110.5	110.3	106.5	103.2	91			150x125	
125-315/1600	•	160	220	138						136.8	135.9	135	133.7	131.5	131	127.5	124.2	112			150x125	
150-200/750	•	75	100	50								48	47.9	47.6	47.2	46.7	46.4	40.6	36.8	25.2	200x150	
150-200/900	•	90	125	56								54	53.9	53.6	53.2	52.7	52.4	48	42.8	31.2	200x150	
150-200/1100	•	110	150	65.2								62	61.7	61.2	60.8	59.8	59.2	57.2	54	46	200x150	
150-250/1100	•	110	150	67											64.2	62	60.6	55.8	49.8	33.8	200x150	
150-250/1320	•	132	180	80.2											78.2	76.3	75	70.6	65	50.2	29.8	200x150
150-250/1600	•	160	220	90											88.4	87	86	82	77.2	62.4	42	200x150
150-315/1600	•	160	220	92											90	88.3	87.2	82.8	76.8	60.4		200x150
150-315/2000	•	200	270	111											110.6	108.7	107.4	103.4	98.2	83.4	62.2	200x150
150-315/2500	•	250	340	135											135.4	133.7	132.6	128.6	123.8	110.2	91	200x150



TECHNICAL DATA

50 Hz n=1450 1/min

MODEL	Power	us gpm l/min m³/h	Q=DELIVERY																		DN
			0	106	119	132	159	185	198	220	264	317	370	396	423	476	617	661	881	1101	
			0	400	450	500	600	700	750	833	1000	1200	1400	1500	1600	1800	2333	2500	3333	4166	
			0	24	27	30	36	42	45	50	60	72	84	90	96	108	140	150	200	250	
	kw	hp																			mm
65-160/11 °	1.1	1.5	8	7.5	7.4	7.3	7	6.6	6.3	5.8	4.8	3.4									80x65
65-160/15 °	1.5	2	9	8.5	8.4	8.3	8	7.6	7.4	6.9	6	4.6									80x65
65-160/22 °	2.2	3	10.3	9.9	9.9	9.8	9.5	9.2	9	8.6	7.8	6.5	5								80x65
65-200/15 °	1.5	2	10			9.6	9.1	8.5	8.2	7.6	6.4	4.6									80x65
65-200/22 °	2.2	3	12.4			12.2	11.8	11.3	11	10.4	9.3	7.6									80x65
65-200/30 °	3	4	14.4			14.3	13.8	13.4	13.1	12.5	11.3	9.6	7.5								80x65
65-250/30 °	3	4	15.4			14.6	13.9	13.1	12.6	11.6	9.7	6.7									80x65
65-250/40 °	4	5.5	19			18.3	17.8	17.2	16.9	16.1	14.4	11.7									80x65
65-250/55 °	5.5	7.5	22.3			21.3	20.9	20.3	19.9	19.2	17.7	15.1	12								80x65
65-315/40 °	4	5.5	18.6			17.9	17.3	16.7	16.2	15.2	13.3										80x65
65-315/55 °	5.5	7.5	22.1				21.2	20.6	20.2	19.2	17.3	14									80x65
65-315/75 °	7.5	10	26.5				25.6	25.2	24.9	24.3	23	20.8	17.6								80x65
65-315/110 °	11	15	34.8				34.2	33.9	33.7	33.2	32.1	30.2	27.4	25.6	23.7	18.7					80x65
80-160/15 °	1.5	2	7.2						7.1	6.9	6.4	5.5	4.6	4.1	3.5						100x80
80-160/22 °	2.2	3	8.5						8.6	8.4	8	7.4	6.6	6.2	5.7	5					100x80
80-200/30 °	3	4	11.2						11	10.7	10.1	9.2	8	7.3	6.6						100x80
80-200/40 °	4	5.5	13.8						13.8	13.6	13.3	12.4	11.3	10.7	10	9					100x80
80-250/40 °	4	5.5	16.5						16	15.6	14.8	13.2	11.4	10.2	9						100x80
80-250/55 °	5.5	7.5	19.8						19.5	19.1	18.4	17.2	15.5	14.5	13.5	11.1					100x80
80-250/75 °	7.5	10	23.6						23.5	23.2	22.5	21.3	19.9	19	18.1	16					100x80
80-250/110 °	11	15	27.6						27.5	27.2	26.5	25.3	23.9	23	22.1	20	15				100x80
80-315/55 °	5.5	7.5	19.7						19.1	18.8	18.1	16.8	15	13.9	12.8	10.1					100x80
80-315/75 °	7.5	10	24.6						23.9	23.6	23	21.9	20.4	19.5	18.6	16.3					100x80
80-315/110 °	11	15	29.9						29.4	29.2	28.8	28.1	27	26.3	25.5	23.6	16.5	13.5			100x80
80-315/150 °	15	20	36.8						36.4	36.1	35.6	34.7	33.6	33	32.4	30.9	25.3	23			100x80
80-400/185 °	18.5	25	40.3						39.7	39.5	39.1	38.4	37.3	36.6	35.9	34.1	27.3	24.5			100x80
80-400/220 °	22	30	45.1						44.6	44.5	44.2	43.6	42.6	42	41.4	39.8	33.4	30.7			100x80
80-400/300 °	30	40	55.1						54.7	54.6	54.4	54	53.3	52.8	52.2	50.9	45.4	43.2			100x80
100-160/22 °	2.2	3	5.9						5.8	5.7	5.5	5.3	5	4.9	4.6	4.3					125x100
100-160/30 °	3	4	8.2						8.1	8	7.9	7.6	7.3	7.2	6.9	6.5	5.1				125x100
100-160/40 °	4	5.5	10						10	9.9	9.7	9.4	9.1	9	8.7	8.3	6.9	6.3			125x100
100-200/40 °	4	5.5	11.8						11.7	11.6	11.4	11	10.5	10.3	9.7	9.1	6.8	5.9			125x100
100-200/55 °	5.5	7.5	14.8						14.7	14.7	14.5	14.2	13.9	13.8	13.5	13	11.1	10.3			125x100
100-250/55 °	5.5	7.5	15.9						15.8	15.7	15.5	14.9	14.4	14.1	13.4	12.5	9.2	7.9			125x100
100-250/75 °	7.5	10	19.5						19.5	19.4	19.2	18.8	18.3	18.1	17.6	16.9	14	12.7			125x100
100-250/110 °	11	15	24.3						24.3	24.2	24.1	23.7	23.3	23.1	22.7	22.1	19.7	18.6	11.4		125x100
100-250/150 °	15	20	27.8						27.8	27.7	27.6	27.2	26.8	26.6	26.2	25.6	23.2	22.1	14.9		125x100
100-315/150 °	15	20	29.9							29.7	29.5	29.1	28.8	28.6	28.1	27.5	25	24	16.8		125x100
100-315/185 °	18.5	25	35							34.4	34.2	33.8	33.5	33.3	32.8	32.2	30	29	22.4		125x100
100-315/220 °	22	30	37							36.8	36.7	36.4	36.1	35.9	35.5	35.1	33.2	32.4	26.6		125x100
100-315/300 °	30	40	42							41.8	41.7	41.4	41.1	40.9	40.5	40.1	38.2	37.4	31.6		125x100
100-400/300 °	30	40	46.4								46	46	46	46	45	44	42	40	29.6		125x100
100-400/370 °	37	50	51.8								51.3	51.2	51.1	51	50.5	49.5	47.5	46	37.3		125x100
100-400/450 °	45	60	57.1								56.7	56.4	56.1	56	56	55	53	52	45	32.1	125x100

° = PS4 available



TECHNICAL DATA

50 Hz n=1450 1/min

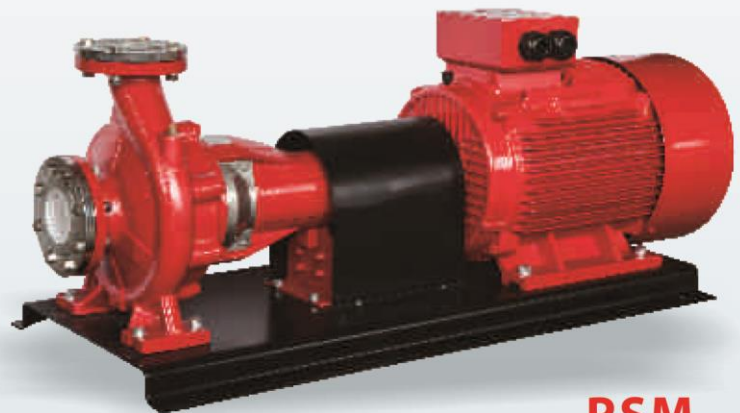
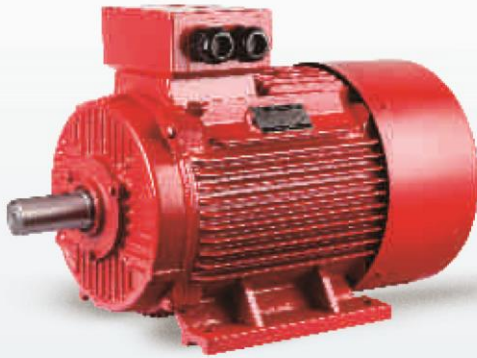
MODEL	Power		us gpm l/min m³/h	Q=DELIVERY																	DN
				0	132	154	176	220	264	396	441	485	617	661	881	1101	1322	1762	2203	2643	
	0	500		583	667	833	1000	1500	1667	1833	2333	2500	3333	4167	5000	6667	8333	10000			
	0	30		35	40	50	60	90	100	110	140	150	200	250	300	400	500	600	mm		
125-200/55	5.5	7.5	H(m)	11.4	11.1	11.1	11	10.9	10.8	10.2	10	9.7	8.9	8.6	6.9						150x125
125-200/75	7.5	10		14.1	13.9	13.8	13.8	13.7	13.6	13.1	12.9	12.7	11.9	11.6	9.6						150x125
125-200/110	11	15		18.1	17.9	17.8	17.8	17.7	17.6	17.1	16.9	16.7	15.9	15.6	13.6	9.8					150x125
125-250/75	7.5	10		15.4					15.3	15	14.8	14.6	13.6	13.1							150x125
125-250/110	11	15		19.4					19.3	19.1	19	18.9	18.1	17.8	15.3	11.7					150x125
125-250/150	15	20		23.2					23.3	23.1	23	22.9	22	22	19.8	16.5	12.3				150x125
125-250/185	18.5	25		25.6					25.5	25.5	25.4	25.3	24.9	24.7	23	20.3	16.5				150x125
125-315/185	18.5	25		27.3							26.9	26.7	25.9	25.6	23.3	19.7	14.9				150x125
125-315/220	22	30		30							29.7	29.6	28.9	28.6	26.5	23.2	18.4				150x125
125-315/300	30	40		35.6							35.4	35.3	34.8	34.6	32.9	30.1	26.1				150x125
125-315/370	37	50		38.2							38	37.9	37.4	37.2	35.7	33.1	29.4	17.8			150x125
125-400/220	22	30		33.4						32.8	32.5	32.1	30.5	29.7	24.7	17.3					150x125
125-400/300	30	40		41						41	40.5	40.3	39.2	38.6	34.4	27.5	18.3				150x125
125-400/370	37	50		46.2						46	45.7	45.5	44.6	44.2	40.7	34.8	26.5				150x125
125-400/450	45	60		51.4						51	50.9	50.8	50.1	49.8	47	42.2	34.8				150x125
125-400/550	55	75		56.5						56.3	56.3	56.2	55.9	55.7	53.8	50.3	44.7	26.7			150x125
150-200/110	11	15		14								13.5	13.4	13.3	13.1	12.9	11.7	7.8			200x150
150-200/150	15	20		16.3								15.5	15.3	15.2	14.8	14.3	13.5	11.1			200x150
150-200/185	18.5	25		18.3								17.5	17.3	17.2	16.8	16.3	15.5	13.1	10		200x150
150-250/150	15	20		17.5										16.8	15.9	14.7	13.2	9.2			200x150
150-250/185	18.5	25		21.3										20.8	20	18.9	17.5	13.8	8.7		200x150
150-250/220	22	30		24										23.6	23	22	20.8	17.1	12		200x150
150-250/300	30	40		25.5										25	24.5	23.5	22	18.8	13.8		200x150
150-315/300	30	40		30.2										29.7	29	27.9	26.4	22.3			200x150
150-315/370	37	50		33.6										33.5	32.7	31.7	30.4	26.7	21.4		200x150
150-315/450	45	60		37.7										37.6	36.9	35.9	34.7	31.3	26.5		200x150
150-315/550	55	75		40										40	39.3	38.4	37.2	33.9	29.4		200x150
150-315/750	75	100		45										45	44.3	43.4	42.2	38.9	34.4	27	200x150
150-400/550	55	75		48.2								47.7	48	46	45	42	36.8	29.2			200x150
150-400/750	75	100		55.4									55	55	54	53	51	47	41	32.2	200x150
150-400/900	90	125		59.5									59	59	58	57	56	52	46	37.7	200x150
150-400/1100	110	150		65.5									65	65	64	63	62	58	52	43.7	200x150

MODEL	Power		us gpm	Q= DELIVERY															DN
				0	604	991	1374	1762	2145	2533	2916	3304	3687	4075	4564	5075	5586		
	l/min	0	2283	3750	5200	6667	8117	9583	11033	12500	13950	15417	17267	19200	21133				
	m³/h	0	137	225	312	400	487	575	662	750	837	925	1036	1152	1268	mm			
200-250/185	18.5	25	H(m)	15.7	15.3	14.8	13.7	12.2	10.6	8.9	6.8						250x200		
200-250/220	22	30		18.5		17.2	16.2	14.8	13.1	11.1	8.7						250x200		
200-250/300	30	40		23.1		21.5	20.5	19.4	17.9	16	13.6	10.8					250x200		
200-315/550	55	75		31.1		30.2	29.8	29.1	27.9	25.8	23	19.2	14.8				250x200		
200-315/750	75	100		35.1		34.3	34	33.3	32	29.9	27.1	23.4	19.1				250x200		
200-315/900	90	125		42.1		41.3	41	40.3	39	36.9	34.1	30.4	26.1				250x200		
200-400/750	75	100		41		40.6	40.3	39.4	37.7	35	31.3	26.5					250x200		
200-400/900	90	125		46.5		46	45.7	44.9	43.4	41.1	37.7	33.3	27.9				250x200		
200-400/1100	110	150		52.4		52.2	51.9	51.2	50	48	45.1	41.2	36.2				250x200		
200-400/1320	132	180		60.1		59.8	59.6	59	57.9	56.1	53.5	50	45.4	39.6			250x200		
250-315/550	55	75		26.1			24.9	24.5	24.1	23.6	22.8	21.6	19.9	18	14.5		300x250		
250-315/750	75	100		35.4			35.2	34.7	33.8	32.5	30.4	28	25	21.8	16.4		300x250		
250-315/900	90	125		39.8			39.8	39.5	38.8	37.9	36	33.9	31	27.9	22.5		300x250		
250-400/1100	110	150		45.1			45	44.9	44.5	43.8	42.3	40.5	37.9	35.1	30	23.9	300x250		
250-400/1320	132	180		50.8			50.6	50.5	50.2	49.7	48.4	46.8	44.5	42	37.3	31.5	300x250		
250-400/1600	160	220		56.9			56.4	56.3	56	55.6	54.5	53.1	51.1	48.9	44.7	39.4	33	300x250	

°=PS4 available

PSM Centrifugal Pump Coupled with Electric Motor

YE3 Electric Motor for Pumps



PSM



**PSM-C End Suction Pump
with Control Pannel**

YE-3 Electric Motor for Pumps

Technical Specifications

- ※Can be offered separately
- ※YE3 high efficient motor with protection IP55 class F
- ※Pump case with Anti-corrosive coating
- ※Easy Installation

USING LIMITS

- ※Liquid temperature between **-10°C** and **+120°C**
- ※Ambient temperature up to **+50°C**
- ※Max. working pressure **16 bar**
- ※Continuous service **S1**



50Hz

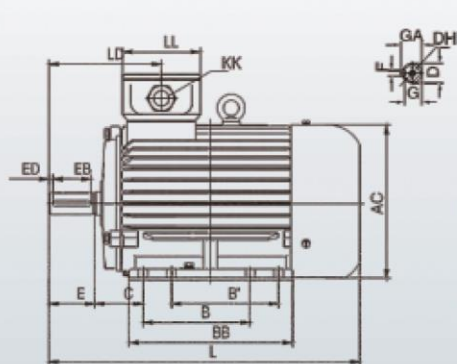
MODEL	Power		rpm	$\eta\%$	$\eta\%$ at 75%	$\eta\%$ at 50%	$\cos\phi$	A			Nm	Tmax/Tn	Ts/Tn	Is/n	kg
	kw	hp						380V	400V	415V					
YE3-801-2	0.75	1	2880	80.7	80.7	79.1	0.82	1.72	1.64	1.58	2.49	2.3	2.3	7.0	18.1
YE3-802-2	1.1	1.5	2880	82.7	82.7	81.0	0.83	2.43	2.31	2.23	3.65	2.2	2.3	7.3	19.5
YE3-90S-2	1.5	2	2895	84.2	84.2	82.5	0.84	3.22	3.06	2.95	4.95	2.2	2.3	7.6	23.3
YE3-90L-2	2.2	3	2895	85.9	85.9	84.2	0.85	4.58	4.35	4.19	7.26	2.2	2.3	7.6	27.1
YE3-100L-2	3	4	2895	87.1	87.1	85.4	0.87	6.02	5.71	5.51	9.90	2.2	2.3	7.8	38.8
YE3-112M-2	4	5.5	2905	88.1	88.1	86.3	0.88	7.84	7.45	7.18	13.1	2.2	2.3	8.3	48.3
YE3-132S1-2	5.5	7.5	2930	89.2	89.2	87.4	0.88	10.6	10.1	9.75	17.9	2.0	2.3	8.3	55.1
YE3-132S-2	7.5	10	2930	90.1	90.1	88.3	0.88	14.4	13.7	13.2	24.4	2.0	2.3	7.9	69.2
YE3-160M1-2	11	15	2945	91.2	91.2	89.4	0.89	20.6	19.6	18.9	35.7	2.0	2.3	8.1	113
YE3-160M2-2	15	20	2945	91.9	91.9	90.1	0.89	27.9	26.5	25.5	48.6	2.0	2.3	8.1	123
YE3-160L-2	18.5	25	2940	92.4	92.4	90.6	0.89	34.2	32.5	31.3	60.1	2.0	2.3	8.2	142
YE3-180M-2	22	30	2955	92.7	92.7	90.8	0.89	40.5	38.5	37.1	71.1	2.0	2.3	8.2	182
YE3-200L1-2	30	40	2960	93.3	93.3	91.4	0.89	54.9	52.1	50.3	96.8	2.0	2.3	7.6	246
YE3-200L2-2	37	50	2960	93.7	93.7	91.8	0.89	67.4	64.0	61.7	119.4	2.0	2.3	7.6	265
YE3-225M-2	45	60	2965	94.0	94.0	92.1	0.90	80.8	76.8	74.0	144.9	2.0	2.3	7.7	323
YE3-250M-2	55	75	2970	94.3	94.3	92.4	0.90	98.5	93.5	90.2	176.9	2.0	2.3	7.7	413
YE3-280S-2	75	100	2975	94.7	94.7	92.8	0.90	134	127	122	240.8	1.8	2.3	7.1	546
YE3-280M-2	90	125	2975	95.0	95.0	93.1	0.90	160	152	146	288.9	1.8	2.3	7.1	569
YE3-315S-2	110	150	2978	95.2	95.2	93.3	0.90	195	185	179	352.8	1.8	2.3	7.1	897
YE3-315M-2	132	180	2978	95.4	95.4	93.5	0.90	234	222	214	423.3	1.8	2.3	7.1	1029
YE3-315L1-2	160	220	2980	95.6	95.6	93.7	0.91	279	265	256	512.8	1.8	2.3	7.2	1067
YE3-315L2-2	200	270	2980	95.8	95.8	93.9	0.91	349	331	319	640.9	1.8	2.2	7.2	1194
YE3-355M-2	250	340	2982	95.8	95.8	93.9	0.91	436	414	399	800.6	1.6	2.2	7.2	1685
YE3-355L-2	315	430	2982	95.8	95.8	93.9	0.91	549	522	503	1009	1.6	2.2	7.2	1734

60Hz

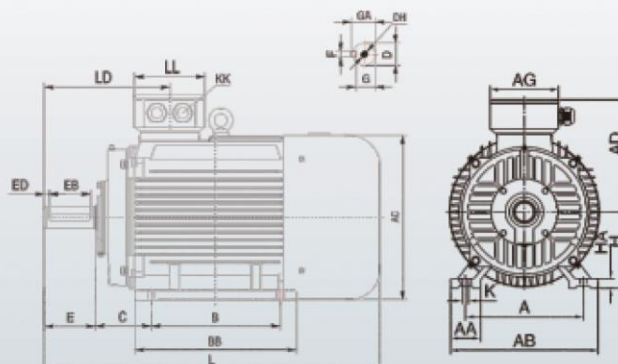
MODEL	Power		rpm	$\eta\%$	$\eta\%$ at 75%	$\eta\%$ at 50%	$\cos\phi$	A		Nm	Tmax/Tn	Ts/Tn	Is/n	kg
	kw	hp						220V	380V					
YE3-801-2	0.75	1	3500	80.7	80.7	79.1	0.82	3.6	1.83	2.49	2.3	2.3	7.0	18.1
YE3-802-2	1.1	1.5	3500	82.7	82.7	81.0	0.83	4.5	2.58	3.65	2.2	2.3	7.3	19.5
YE3-90S-2	1.5	2	3500	84.2	84.2	82.5	0.84	6.8	3.43	4.95	2.2	2.3	7.6	23.3
YE3-90L-2	2.2	3	3500	85.9	85.9	84.2	0.85	9.6	4.85	7.26	2.2	2.3	7.6	27.1
YE3-100L-2	3	4	3500	87.1	87.1	85.4	0.87	11.5	6.31	9.90	2.2	2.3	7.8	38.8
YE3-112M-2	4	5.5	3500	88.1	88.1	86.3	0.88	14.5	8.1	13.1	2.2	2.3	8.3	48.3
YE3-132S1-2	5.5	7.5	3500	89.2	89.2	87.4	0.88	22	11	17.9	2.0	2.3	8.3	55.1
YE3-132S-2	7.5	10	3500	90.1	90.1	88.3	0.88	28	14.9	24.4	2.0	2.3	7.9	69.2
YE3-160M1-2	11	15	3500	91.2	91.2	89.4	0.89	42	21.3	35.7	2.0	2.3	8.1	113
YE3-160M2-2	15	20	3500	91.9	91.9	90.1	0.89	54	28.8	48.6	2.0	2.3	8.1	123
YE3-160L-2	18.5	25	3500	92.4	92.4	90.6	0.89	68	34.7	60.1	2.0	2.3	8.2	142
YE3-180M-2	22	30	3500	92.7	92.7	90.8	0.89	80	41	71.1	2.0	2.3	8.2	182
YE3-200L1-2	30	40	3500	93.3	93.3	91.4	0.89	104	55.5	96.8	2.0	2.3	7.6	246
YE3-200L2-2	37	50	3500	93.7	93.7	91.8	0.89	130	67.9	119.4	2.0	2.3	7.6	265
YE3-225M-2	45	60	3500	94.0	94.0	92.1	0.90	150	82.3	144.9	2.0	2.3	7.7	323
YE3-250M-2	55	75	3500	94.3	94.3	92.4	0.90	192	101	176.9	2.0	2.3	7.7	413
YE3-280S-2	75	100	3500	94.7	94.7	92.8	0.90	245	134	240.8	1.8	2.3	7.1	546
YE3-280M-2	90	125	3500	95.0	95.0	93.1	0.90	312	160	288.9	1.8	2.3	7.1	569
YE3-315S-2	110	150	3500	95.2	95.2	93.3	0.90	400	195	352.8	1.8	2.3	7.1	897
YE3-315M-2	132	180	3500	95.4	95.4	93.5	0.90	425	233	423.3	1.8	2.3	7.1	1029
YE3-315L1-2	160	220	3500	95.6	95.6	93.7	0.91	600	279	512.8	1.8	2.3	7.2	1067
YE3-315L2-2	200	270	3500	95.8	95.8	93.9	0.91	630	349	640.9	1.8	2.2	7.2	1194
YE3-355M-2	250	340	3500	95.8	95.8	93.9	0.91	800	436	800.6	1.6	2.2	7.2	1685
YE3-355L-2	315	430	3500	95.8	95.8	93.9	0.91	990	549	1009	1.6	2.2	7.2	1734



DIMENSIONS AND TECHNICAL DATA FOR ELECTRIC MOTOR



80-132



160-355

MODEL	DIMENSIONS mm																							
	A	AA	AB	AC	AD	AG	B	BB	C	D	DH	E	EB	ED	F	G	GA	H	HA	K	KK	L	LD	LL
80	125	34	160	167	147	102	100	150	50	19	M6X16	40	30	2.5	6	15.5	21.5	80	10	4-Φ10	1-M25X1.5	304	119	102
90S	140	36	176	182.4	154.5	102	100	161	56	24	M8X19	50	40	5	8	20	27	90	12	4-Φ10	1-M25X1.5	336	143	102
90L	140	36	176	182.4	154.5	102	125	186	56	24	M8X19	50	40	5	8	20	27	90	12	4-Φ10	1-M25X1.5	361	143	102
100L	160	40	200	205.4	166	102	140	213	63	28	M10X22	60	50	5	8	24	31	100	14	4-Φ12	1-M32X1.5	406	147	102
112M	190	50	240	230	188	118	140	188	70	28	M10X22	60	50	5	8	24	31	112	15	4-Φ12	2-M32X1.5	394	147	110
132S	216	55	265	258.4	203	118	140	186	89	38	M12X28	80	65	5	10	33	41	132	18	4-Φ12	2-M32X1.5	438	172	110
132M	216	55	265	258.4	203	118	178	224	89	38	M12X28	80	65	7.5	10	33	41	132	18	4-Φ12	2-M32X1.5	476	172	110
160M	254	65	314	314	251	162	210	260	108	42	M16X36	110	90	7.5	12	37	45	160	20	4-Φ14.5	2-M40X1.5	608	256	152
160L	254	65	314	314	251	162	254	304	108	42	M16X36	110	90	10	12	37	45	160	20	4-Φ14.5	2-M40X1.5	652	256	152
180M	279	70	349	355	267	162	241	311	121	48	M16X36	110	90	10	14	42.5	51.5	180	22	4-Φ14.5	2-M40X1.5	688	271	152
180L	279	70	349	355	267	162	279	349	121	48	M16X36	110	90	10	14	42.5	51.5	180	22	4-Φ14.5	2-M40X1.5	726	271	152
200L	318	70	388	397	299	210	305	369	133	55	M20X42	110	100	10	16	49	59	200	25	4-Φ18.5	2-M50X1.5	779	296	190
225S	356	75	431	446	322	210	286	368	149	60	M20X42	140	125	5	18	53	64	225	28	4-Φ18.5	2-M50X1.5	824	329	190
225M	356	75	431	446	322	210	311	393	149	55	M20X42	110	100	7.5	16	49	59	225	28	4-Φ18.5	2-M50X1.5	819	299	190
250M	406	80	484	485	358	248	349	445	168	60	M20X42	140	125	7.5	18	53	64	250	30	4-Φ24	2-M63X1.5	910	347	218
280S	457	85	542	547	387	248	368	485	190	65	M20X42	140	125	7.5	18	58	69	280	35	4-Φ24	2-M63X1.5	982	355.5	218
280M	457	85	542	547	387	248	419	536	190	65	M20X42	140	125	7.5	18	58	69	280	35	4-Φ24	2-M63X1.5	1033	355.5	218
315S	508	120	628	620	527	320	406	570	216	65	M20X42	140	125	7.5	18	58	69	315	45	4-Φ28	2-M63X1.5	1194	397	280
315M	508	120	628	620	527	320	457	680	216	65	M20X42	140	125	7.5	18	58	69	315	45	4-Φ28	2-M63X1.5	1304	397	280
315L	508	120	628	620	527	320	508	680	216	65	M20X42	140	125	7.5	18	58	69	315	45	4-Φ28	2-M63X1.5	1304	397	280
355M	610	116	726	698	642	380	560	750	254	75	M20X42	140	130	5	20	67.5	79.5	355	52	6-Φ28	2-M63X1.5	1486	414	330
355L	610	116	726	698	642	380	630	750	254	75	M20X42	140	130	5	20	67.5	79.5	355	52	6-Φ28	2-M63X1.5	1486	414	330

PD Diesel Engine for Pumps



PSD Centrifugal Pump Coupled with Diesel Engine

TECHNICAL DESCRIPTION

- ※ More Environmentally Friendly
- ※ Meeting China III Emission Standard
- ※ Low Fuel Consumption
- ※ Strong Power
- ※ Easy To Assemble

APPLICATIONS

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made. The diesel engine pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatisation sets, agricultural.

USING LIMITS

Liquid temperature between **-10°C** and **+120°C**
 Ambient temperature up to **+50°C**
 Max. working pressure **16 bar**
 Continuous service **S1**



TECHNICAL DATA

GPM	Bar	Pump for diesel 2900rpm	Pump for electric 3500rpm	Motor pump 3500rpm
80	7	PS32-250/75	PS32-200/75	PST32-200/75
100	7	PS32-250/75	PS32-200/75	PST32-200/75
120	7	PS32-250/75H	PS32-200/75H	PST32-200/75D
150	7	PS40-250/110	PS40-200/110	PST40-200/110
200	7	PS40-250/150	PS40-200/150	PST40-200/150
250	7	PS50-250/185	PS50-200/185	PST50-200/185
300	7	PS50-250/220	PS50-200/220	PST50-200/220
350	7	PS50-250/220	PS50-200/220	PST50-200/220
400	7	PS65-250/300	PS65-200/300	PST65-200/300
500	7	PS65-250/300	PS65-200/300	PST65-200/300
500	8	PS65-250/370	PS65-200/370	PST65-200/370
500	9	PS65-315/370	PS65-250/370	-
500	10	PS65-315/450	PS65-250/450	-
500	11	PS65-315/550	PS65-250/550	-
500	12	PS65-315/750	PS65-250/750	-
500	13	PS65-315/750	PS65-250/750	-
750	7	PS80-250/450	PS80-200/450	PST80-200/450
750	8	PS80-250/550	PS80-200/550	PST80-200/550
750	9	PS80-315/750	PS80-250/750	-
750	10	PS80-315/750	PS80-250/750	-
750	11	PS80-315/750	PS80-250/750	-
750	12	PS80-315/900	PS80-250/900	-
750	13	PS80-315/900	PS80-250/900	-
1000	7	PS100-250/550	PS100-200/550	PST100-200/550
1000	8	PS100-250/750	PS100-200/750	PST100-200/750
1000	9	PS100-315/750	PS100-250/750	-
1000	10	PS100-315/900	PS100-250/900	-
1000	11	PS100-315/900	PS100-250/900	-
1000	12	PS100-315/1100	PS100-250/1100	-
1000	13	PS100-315/1100	PS100-250/1100	-
1000	14	PSC80-370A1/1320	PSC80-370A1/1320	-
1000	15	PSC80-370A1/1320	PSC80-370A1/1320	-
1250	7	PS125-250/900	PS125-200/900	-
1250	8	PS125-250/1100	PS125-200/1100	-
1250	9	PS125-315/1100	PS125-250/1100	-
1250	10	PS125-315/1320	PS125-250/1320	-
1250	11	PS125-315/1320	PS125-250/1320	-
1250	12	PS125-315/1600	PS125-250/1600	-
1250	13	PS125-315/1600	PS125-250/1600	-

50 n=2900 1/min

GPM	Bar	Pump for diesel 2900rpm	Pump for electric 3500rpm	Motor pump 3500rpm
1250	14	PSC100-375A2/2000	PSC100-375A2/2000	-
1250	15	PSC100-375A2/2000	PSC100-375A2/2000	-
1250	17	PSC100-375B1/2500	PSC100-375B1/2500	-
1500	8	PS125-250/1100	PS125-200/1100	-
1500	9	PS125-315/1100	PS125-250/1100	-
1500	10	PS125-315/1320	PS125-250/1320	-
1500	11	PS125-315/1320	PS125-250/1320	-
1500	12	PS125-315/1600	PS125-250/1600	-
1500	13	PS125-315/1600	PS125-250/1600	-
1500	15	PSC100-375B1/2500	PSC100-375B1/2500	-
1500	18	PSC100-375A1/2500	PSC100-375A1/2500	-
2000	8	PS150-250/1600	PS150-200/1600	-
2000	10	PS150-315/2000	PS150-250/2000	-
2000	11	PSC125-290A1/2000	PSC125-290A1/2000	-
2000	12	PSC125-365A3/2500	PSC125-365A3/2500	-
2000	13	PS150-315/2500	PS150-250/2500	-
2000	15	PSC125-365A2/3150	PSC125-365A2/3150	-
2000	17	PSC125-365B1/3550	PSC125-365B1/3550	-
2500	8	PS150-250/1600	PS150-200/1600	-
2500	10	PS150-315/2000	PS150-250/2000	-
2500	12	PS150-315/2500	PS150-250/2500	-
2500	13	PSC150-460B2/3150	PSC150-460B2/3150	-
2500	15	PSC125-365A2/3550	PSC125-365A2/3550	-
2500	17	PSC125-365B1/3550	PSC125-365B1/3550	-
3000	10	PSC150-360A3/2500	PSC150-360A3/2500	-
3000	12	PSC150-360A2/3550	PSC150-360A2/3550	-
3000	13	PSC150-460B2/3550	PSC150-460B2/3550	-
3000	14	PSC150-360B1/4000	PSC150-360B1/4000	-
3000	16	PSC150-460B1/4500	PSC150-460B1/4500	-
4000	11	PSC200-420B3/4000	PSC200-420B3/4000	-
4000	14	PSC200-420B2/5000	PSC200-420B2/5000	-
4000	15	PSC150-360A1/5000	PSC150-360A1/5000	-
4000	17	PSC150-460A1/5600	PSC150-460A1/5600	-
5000	10	PSC200-320B2/4000	PSC200-320B2/4000	-
5000	11	PSC200-320B1/5000	PSC200-320B1/5000	-
5000	12	PSC200-320A1/5600	PSC200-320A1/5600	-
5000	14	PSC200-420A2/5600	PSC200-420A2/5600	-
5000	16	PSC200-420B1/7100	PSC200-420B1/7100	-
5000	17	PSC200-420A1/8000	PSC200-420A1/8000	-

Other sizes can provide on request.



TECHNICAL DATAS

Model	178	186	188	192	380	385	480	485	490N	490	495
Type	Single-cylinder,4-stroke,air-cooled				Direct Injection, Water-cooling, Four Stroke						
Intake Type	Naturally Aspirated										
Bore*Stroke(mm*mm)	78*62	86*72	88*75	92*75	80*90	85*90	80*90	85*100	90*100	90*105	95*105
Cylinder No.	1	1	1	1	3	3	4	4	4	4	4
Displacement (L)	0.296	0.418	0.456	0.499	1.357	1.532	1.8	2.27	2.54	2.67	2.977
Rated Power/ Speed(kW/r/min)	3.7/3000 4.0/3600	5.7/3000 6.3/3600	6.6/3000 7.2/3600	7.5/3000 8.2/3600	20/3000	24/3000	28/3000	36/3000	42/3000	45/3000	50/3000
Horse Power	5.0/3000 5.5/3600	7.8/3000 8.6/3600	9.0/3000 10.0/3600	10.2/3000 12.0/3600	27	32	38	49	58	61	68
Power Coverage(kW)	≤11	≤11	≤11	≤11	≤37	≤37	≤37	≤55	≤55	≤55	≤75

Model	498	4102	4105	4108	485Z	490NZ	490Z	498Z	4102Z	4105Z	4108Z
Type	Direct Injection, Water-cooling, Four Stroke										
Intake Type	Naturally Aspirated				Turbo-charging						
Bore*Stroke(mm*mm)	98*105	102*118	105*118	108*118	85*100	90*100	90*105	98*105	102*118	105*118	108*118
Cylinder No.	4	4	4	4	4	4	4	4	4	4	4
Displacement (L)	3.168	3.857	4.087	4.324	2.27	2.54	2.67	3.168	3.857	4.087	4.324
Rated Power/ Speed(kW/r/min)	54/3000	62/3000	67/3000	73/3000	44/3000	50/3000	55/3000	60/3000	73/3000	75/3000	83/3000
Horse Power	73	85	91	99	60	68	75	81	99	102	113
Power Coverage(kW)	≤75	≤100	≤100	≤100	≤55	≤55	≤55	≤75	≤100	≤100	≤100



Clean



Home



Civil



Industry



PV Vertical Multistage Jockey Pump



TECHNICAL DESCRIPTION

- ※ New vertical multistage centrifugal pump
- ※ Both square motor & round motor available
- ※ YE3 high efficient motor, with protection IP55 class F
- ※ Pump case with anti-corrosive coating
- ※ Impeller in techno-polimer
- ※ Shaft in stainless steel AISI 304 or galvanized iron
- ※ Suction and discharge port in cast iron G20 thread

APPLICATIONS

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made.

The high efficiency and adaptability of these pumps to even the most unusual of applications, makes them ideal for use in the domestic, civil and industrial sectors; in particular for the distribution of water in combination with pressure sets and for pressure boosting.

USING LIMITS

Liquid temperature between **-10°C** and **+120°C**

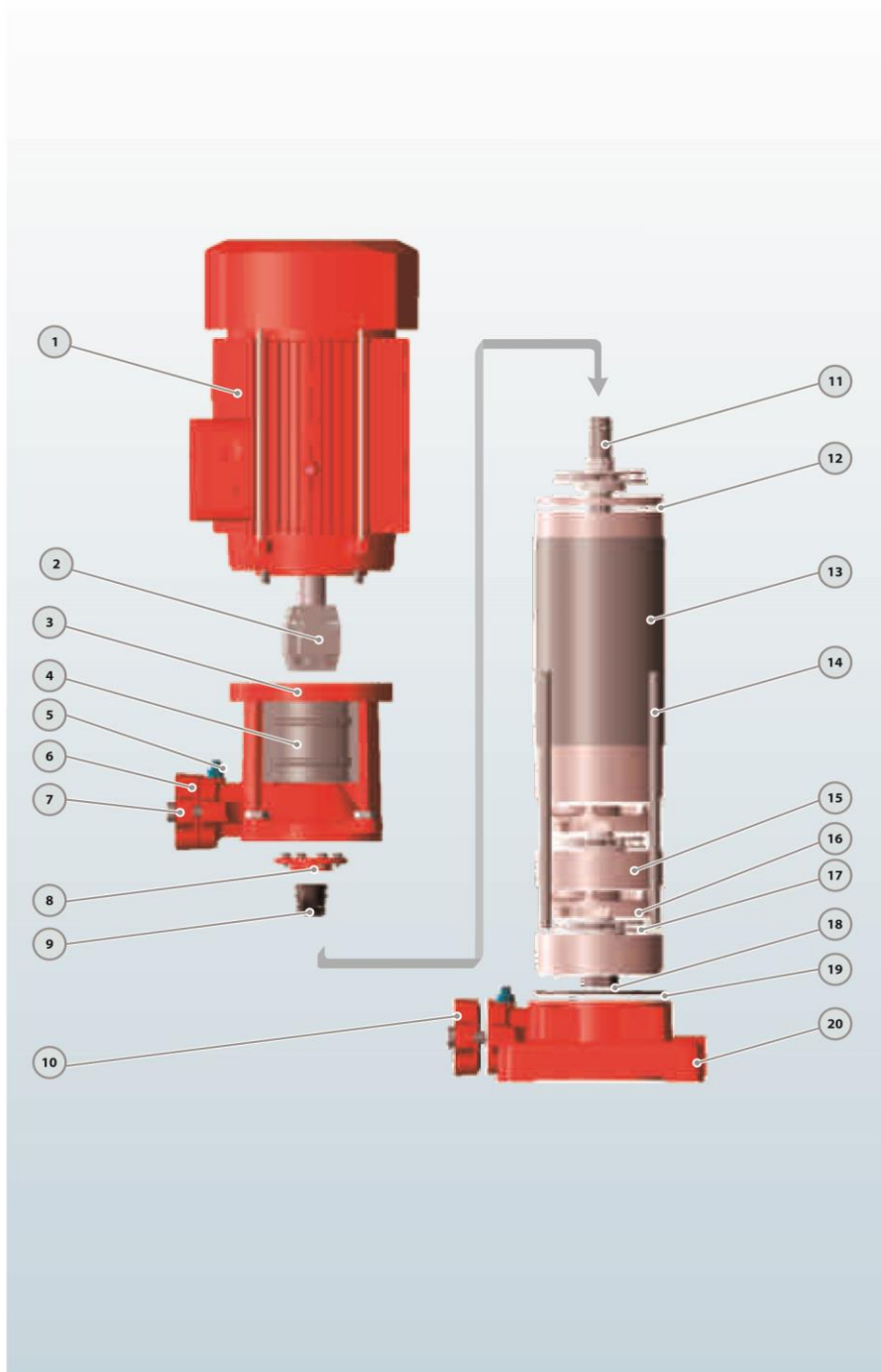
Ambient temperature up to **+50°C**

Max. working pressure **25 bar**

Continuous service **S1**



MATERIAL DESCRIPTION



No.	Description <i>Descripción</i>	Material <i>Material</i>
1	Motor	IP55 Class F
2	Coupling	Iron
3	Discharge Body	Cast iron
4	Cover	SS304
5	Release Valve	Brass
6	Discharge	Cast iron
7	Bolt	Steel
8	Seal Cover	Cast iron
9	Mechanical Seal	SiC/Carbon/SS304
10	Suction	Cast iron
11	Pump Shaft	SS304/45# Iron
12	Diffuser Top Cover	Technopolimer
13	Pump Cover	SS304
14	Through Bolt	Steel
15	Diffuser Cover	Technopolimer with SS304 ring
16	Diffuser	Technopolimer with SS304 ring
17	Impeller	Technopolimer
18	Impeller Nut	Galvanized Steel
19	O-ring	Rubber
20	Suction Body	Cast iron



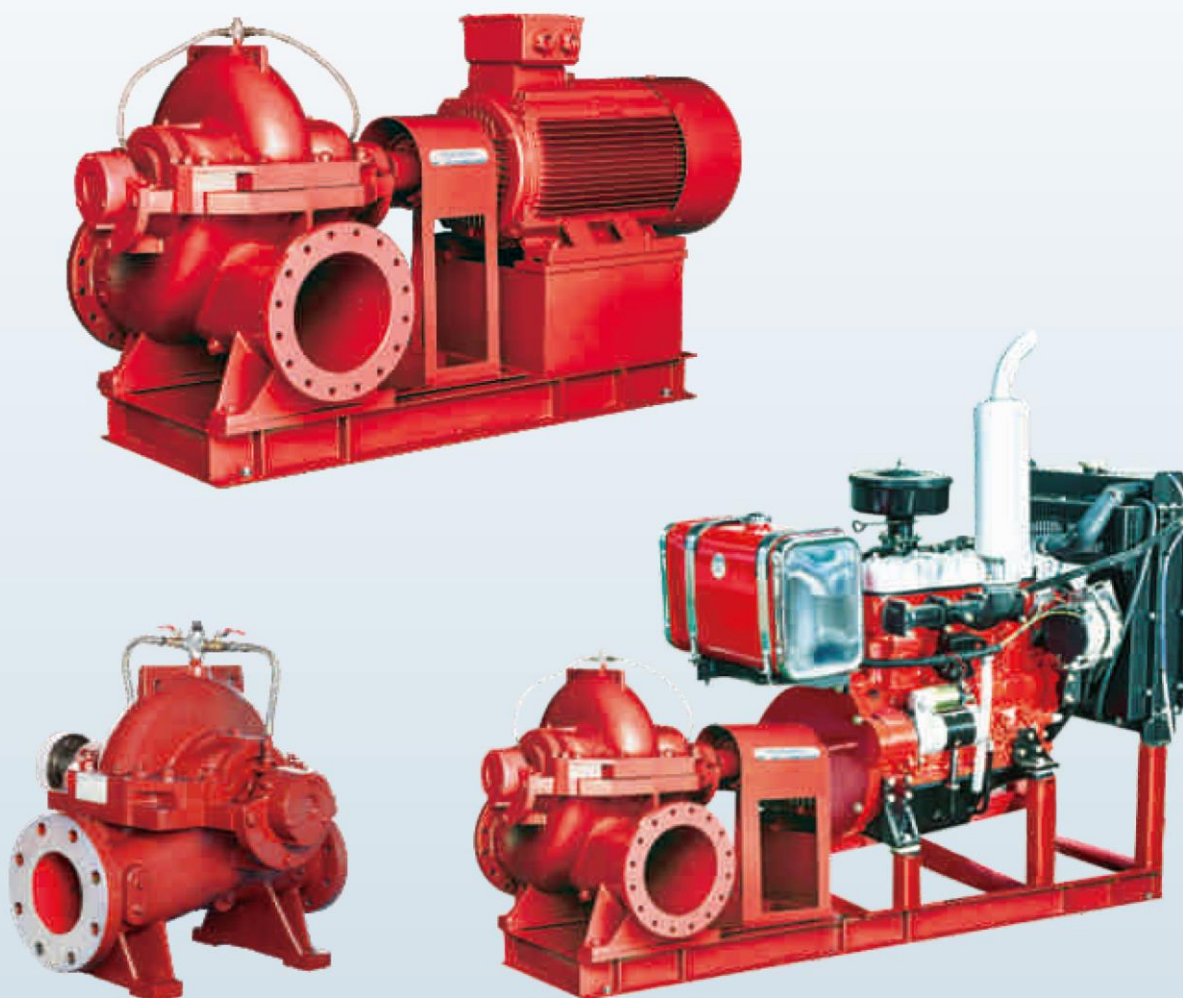
TECHNICAL DATA

50 Hz n=2900 1/min

MODEL	Power		us gpm l/min m³/h	Q=DELIVERY																				DN
				0	5	11	13	16	19	21	24	26	29	32	37	42	48	53	58	63	69	74	79	
				0	20	40	50	60	70	80	90	100	110	120	140	160	180	200	220	240	260	280	300	
	kw	hp		0	1.2	2.4	3	3.6	4.2	4.8	5.4	6	6.6	7.2	8.4	9.6	10.8	12	13.2	14.4	15.6	16.8	18	mm
PV 4×7/1.5	1.1	1.5	H(m)	60.7	56.8	52.1	49	45.9	42.8	38.9	35	30.3	25.7	20.2										25x25
PV 4×9/2	1.5	2		78	73	67	63	59	55	50	45	39	33	26										25x25
PV 4×13/3	2.2	3		113	105	96.8	91	85.2	79.4	72.2	65	56.3	47.7	37.5										25x25
PV 4×16/4	3	4		139	130	119	112	105	97.8	88.9	80	69.3	58.7	46.2										25x25
PV 6×5/1.5	1.1	1.5		44.4				135.5	33.3	30.9	28.4	26.1	23.4	20.2	14.3	6.8								32x32
PV 6×8/2	1.5	2		71.1				56.7	53.2	49.5	45.5	41.8	37.5	32.4	22.9	10.9								32x32
PV 6×11/3	2.2	3		97.7				78	73.2	68	62.5	57.5	51.5	44.5	31.5	15								32x32
PV 6×15/4	3	4		133				106	99.8	92.7	85.2	78.4	70.2	60.7	43	20.5								32x32
PV 8×4/1.5	1.1	1.5		36.8						30	28.4	27.2	26	24.4	21.2	17.6	13.2	9.2	4.8					40x40
PV 8×7/2	1.5	2		64.4						52.5	49.7	47.6	45.5	42.7	37.1	30.8	23.1	16.1	8.4					40x40
PV 8×9/3	2.2	3		82.8						67.5	63.9	61.2	58.5	54.9	47.7	39.6	29.7	20.7	10.8					40x40
PV 8×12/4	3	4		110						90	85.2	81.6	78	73.2	63.6	52.8	39.6	27.6	14.4					40x40
PV 8×16/5.5	4	5.5		147						120	114	109	104	97.6	84.8	70.4	52.8	36.8	19.2					40x40
PV 12×3/1.5	1.1	1.5		31								25.4	24.7	24	22.4	20.6	18.4	16.2	13.3	10.9	8.3	5.1	2	50x50
PV 12×5/2	1.5	2		51.7								42.4	41.2	40	37.3	34.3	30.7	27	22.2	18.2	13.8	8.5	3.3	50x50
PV 12×7/3	2.2	3		72.3								59.3	57.6	56	52.3	48.1	43	37.8	31	25.5	19.4	11.9	4.7	50x50
PV 12×9/4	3	4		93								76.2	74.1	72	67.2	61.8	55.2	48.6	39.9	32.8	24.9	15.4	6	50x50
PV 12×12/5.5	4	5.5		122								102	98.8	96	89.6	82.4	73.6	64.8	53.2	43.8	33.2	20.5	8	50x50
PV 12×17/7.5	5.5	7.5		176								144	140	136	127	117	104	91.8	75.4	62	47	29	11.3	50x50

MODEL	Power		us gpm	Q=DELIVERY								DN	
				0	26	53	79	106	132	159	185		211
			l/min	0	100	200	300	400	500	600	700		800
	kw	hp	m³/h	0	6	12	18	24	30	36	42	48	mm
PV 30×7/10	7.5	10	H(m)	104	100	93	83	74	64	49	31	4	50x50 65x65
PV 30×9/12	9.2	12.5		133	128	119	108	96	82	63	40	5	
PV 30×11/15	11	15		163	156	145	132	116	99	77	48	6	

PSC Double Suction Split Case Pump



TECHNICAL DESCRIPTION

- ※ New split case pump
- ※ Available complete with electric motor or diesel engine
- ※ Easily back pull-out from driver
- ※ Pump case with anti-corrosive coating HT250
- ※ Impeller in stainless steel AISI 304 or HT250
- ※ Shaft in stainless steel AISI 304 or galvanized iron
- ※ Quality bearing, mechanical seal/gland packing

APPLICATIONS

Suitable for use with clean water and liquids that are not chemically aggressive towards the materials from which the pump is made. The split case pumps are recommended for use in water supply, cleaning sets, pressure boosting, firefighting sets, irrigation, industrial applications, water circulation in climatisation sets, agricultural.

USING LIMITS

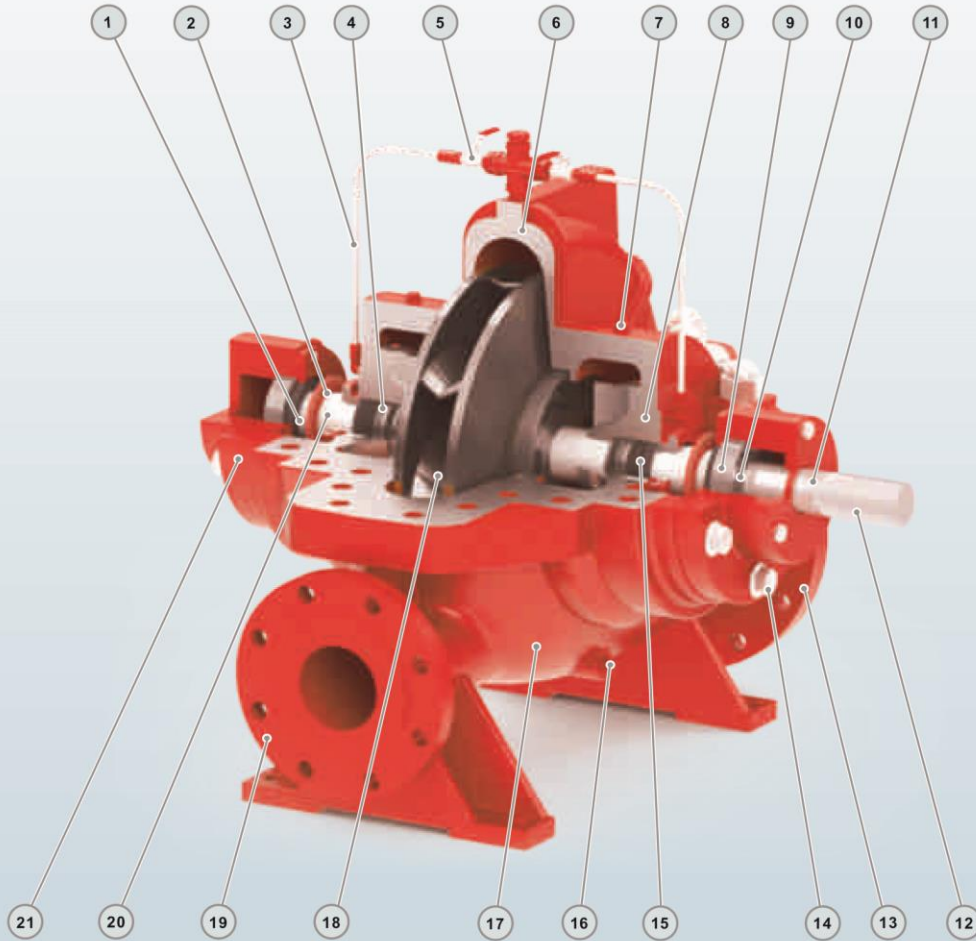
Liquid temperature between **-10°C** and **+120°C**

Ambient temperature up to **+50°C**

Max. working pressure **25 bar**

Continuous service **S1**

MATERIAL DESCRIPTION



No.	Description	Material	No.	Description	Material	No.	Description	Material
1	Block ring	Rubber	8	Seal house	Cast iron	15	Gland seal(Mechanical Seal)	Synthepak(SiC-Carbon)
2	O-ring	Rubber	9	Bearing	Ball Bearing	16	Release Valve	Brass
3	Flushing pipe	SS304	10	Lock washer	Steel	17	Pump Case	Cast iron
4	Packing ring	Carbon	11	Shaft	SS304/45# Steel	18	Impeller	SS304/Cast iron /Brass
5	Valve	Brass	12	Shaft Key	Iron	19	Output flange	Cast iron
6	Pump cover	Cast iron	13	Input flange	Cast iron	20	Shaft sleeve	SS304
7	Vent plug	Brass	14	Bolt	Steel	21	Bearing house	Cast iron



TECHNICAL DATA

PSC 50 Hz n=2900 1/min

MODEL	Flow Range m³/h	Head Range m	Power Range kw	DN mm
80-210A1	131-164-197	60.5-55-50	26.8-29.9-33.4	125x80
80-210A2	121-151-181	52-47.5-42.2	21.6-24.1-26.1	125x80
80-210A3	115-144-173	44-39-35	17.8-19-21.1	125x80
80-210A4	110-137-164	37-33.5-27.7	14.7-16-16.7	125x80
80-210B1	107-134-160	55.5-51-46	20.5-22.9-25.1	125x80
80-210B2	106-133-159	47.7-43.5-37	17.6-19.3-20	125x80
80-210B3	100-124-149	40-36-30	14.4-15.6-16.5	125x80
80-210B4	91-113-136	35-31-27	12.1-12.9-13.9	125x80
80-270A1	166-207-248	97.5-90-79	57-64.6-70.8	125x80
80-270A2	156-194-233	83.5-77-69	46.6-52.6-58.1	125x80
80-270A3	147-184-220	70-63.5-55	37.5-41.8-44.6	125x80
80-270A4	138-173-198	56.5-50-45	28.7-31.4-32.8	125x80
80-270B1	137-171-205	91-82.5-72.5	44.6-49.9-54.1	125x80
80-270B2	122-153-184	79.5-71.5-67	35.6-39.1-44.7	125x80
80-270B3	115-144-173	66.8-60-53	28.5-31.3-33.7	125x80
80-270B4	110-137-164	54.5-49-42	22.4-24.5-25.9	125x80
80-370A1	180-226-272	168-155.2-134	118.4-129.6-138.4	125x80
80-370A2	160-198-240	140-132-116.4	84.8-96.8-106.4	125x80
80-370A3	140-176-212	117.2-110-98.8	65.6-75.2-81.6	125x80
80-370A4	130-142-196	95.2-90-80	51.2-59.2-64	125x80
80-370B1	160-198-240	155.2-142-125.2	94.4-104.8-114.4	125x80
80-370B2	144-180-216	136.4-123.2-105.2	77.6-86.4-91.2	125x80
80-370B3	120-152-180	110-102-90	56-64-68	125x80
80-370B4	106-134-160	85.2-80-70	39.2-45.6-48	125x80
100-250A1	230-288-346	83-75-67	64.2-70.9-78.4	150x100
100-250A2	219-274-328	69-63-55	51.9-58.3-62.3	150x100
100-250A3	209-261-313	59-52-46.5	43.5-46.8-51.5	150x100
100-250A4	193-240-290	49-45-37	33.9-37.7-39.2	150x100
100-250B1	196-245-294	75-68-59	50-55.6-59.8	150x100
100-250B2	180-223-268	65-59-51	40.6-44.7-47.9	150x100
100-250B3	165-205-246	56-51-44	32.9-36.8-38.8	150x100
100-250B4	150-190-227	48-43-38	26.4-29.1-31.1	150x100
100-310A1	294-367-440	135-123-105	137.7-153.8-164	150x100
100-310A2	268-335-402	116-106-92	108-121.4-131	150x100
100-310A3	242-302-363	98-90-80	82.7-93.5-102.5	150x100
100-310A4	182-227-333	72-74-66.5	52.8-70.7-78.1	150x100
100-310B1	226-283-340	130-119-105	105-117.4-128.5	150x100
100-310B2	208-260-310	111-103-90	81.8-93.7-100	150x100
100-310B3	200-250-300	92-84-74	65.8-72.8-80.5	150x100
100-310B4	187-234-281	78-69-60	53.1-57.1-61.2	150x100
100-375A1	266-334-400	189.2-184-152	196-226.4-233.6	150x100
100-375A2	248-310-372	164-152-124	162.4-180.8-184.8	150x100
100-375A3	216-270-324	130-121.2-101.2	115.2-116-134.4	150x100
100-375B1	228-284-340	190-176-156	177.6-189.6-218.4	150x100
100-375B2	210-260-314	160-150-130	141.6-150.4-173.6	150x100
100-375B3	184-230-276	123.2-114.8-100	101.6-114.4-123.2	150x100

PSC 50 Hz n=2900 1/min

MODEL	Flow Range m³/h	Head Range m	Power Range kw	DN mm
125-230A1	426-541-639	68-60-48	93.8-101.8-101.9	200x125
125-230A2	392-490-585	60-52-43.5	78.1-82.1-84.4	200x125
125-230A3	363-454-544	50-43.5-35	63.4-65.1-66.6	200x125
125-230A4	340-425-489	40-34-30	49.4-50.8-52.5	200x125
125-230B1	377-472-566	68-60.5-55	84.2-92-101.5	200x125
125-230B2	349-436-523	60-53-44	70.3-74.8-77.2	200x125
125-230B3	328-410-493	52-45-37	60.1-61.3-63.3	200x125
125-230B4	305-382-458	42.5-37-30	47.1-49.9-49.9	200x125
125-290A1	428-535-642	117-108-95	166-187-202	200x125
125-290A2	397-497-596	97-88-75	131-145-153	200x125
125-290A3	363-454-544	80-72-62	101-111-117	200x125
125-290A4	323-403-484	65-57-47	74.7-80.2-80.5	200x125
125-290B1	383-480-575	113-100-85.5	145-157-166	200x125
125-290B2	348-436-523	93.5-83.5-70	112-121-126	200x125
125-290B3	308-385-462	78-70-60	84.5-93-96.9	200x125
125-290B4	274-342-410	60-55-47	59.6-67.4-70	200x125
125-365A1	490-620-720	200-188-176	329.6-377.6-418.4	200x125
125-365A2	450-562-674	166.4-156-142.4	254.4-288-323.2	200x125
125-365A3	410-512-614	134.8-126-112.8	193.6-214.4-238.4	200x125
125-365A4	368-460-556	102-96-83.6	135.2-150.4-161.6	200x125
125-365B1	444-554-666	185.2-172-155.2	283.2-320.8-352	200x125
125-365B2	404-504-604	159.2-148-131.2	224-254.4-273.6	200x125
125-365B3	364-454-544	130.4-122-110	171.2-196-214.4	200x125
125-365B4	316-396-476	105.2-98-87.2	119.2-139.2-150.4	200x125
150-290A1	708-886-1062	96-84-70	216.8-232.8-242.4	200x150
150-290A2	646-806-968	84-72-60	177.6-184-192	200x150
150-290A3	604-756-908	70-60-49.2	144-147.2-152.8	200x150
150-290A4	560-700-792	54.8-46-40	111.2-113.6-113.6	200x150
150-290B1	634-792-950	93.6-81.6-66.4	192-204.8-205.6	200x150
150-290B2	604-756-908	80-68-54.8	159.2-164.8-165.6	200x150
150-290B3	564-706-846	70-58-45.2	132.8-132.8-132	200x150
150-290B4	530-662-756	56-46-39.2	104-104-106.4	200x150
150-360A1	714-892-1072	165.2-152-136.8	387.2-434.4-483.2	200x150
150-360A2	646-806-968	136.8-124-105.2	295.2-328-343.2	200x150
150-360A3	596-740-890	114.8-100-84	235.2-249.6-258.4	200x150
150-360A4	530-662-796	93.6-80-66.8	176.8-184.8-186.4	200x150
150-360B1	650-814-976	156.8-140-120	338.4-369.6-394.4	200x150
150-360B2	588-734-880	132-118-100	262.4-288-300	200x150
150-360B3	534-668-800	110-100-85.2	203.2-228-238.4	200x150
150-360B4	466-584-700	91.2-82-70	153.6-167.2-176	200x150
150-460A1	692-864-1032	190-174-148	456-512-557.6	200x150
150-460A2	634-792-950	152-140-112.8	340.8-384.8-405.6	200x150
150-460B1	600-750-900	177.6-160-138	372-408-456.8	200x150
150-460B2	520-648-780	142-132-113.6	268-298.4-325.6	200x150



TECHNICAL DATA

PSC 50 Hz n=2900 1/min

MODEL	Flow Range m³/h	Head Range m	Power Range kw	DN mm
200-320A1	1112-1390-1668	136-120-100	480-519.2-537.6	250x200
200-320A2	1036-1296-1556	116-102-85.2	390.4-416-432	250x200
200-320A3	962-1202-1440	100-85.2-68.8	325.6-328-338.4	250x200
200-320A4	880-1100-1224	75.6-68-61.2	232-258.4-263.2	250x200
200-320B1	1020-1274-1530	129.2-112-93.6	421.6-449.6-464	250x200
200-320B2	950-1188-1426	114-98-80	352-368.8-375.2	250x200
200-320B3	890-1116-1340	95.2-84-68.8	284.8-304-307.2	250x200
200-320B4	824-1030-1190	80-68-56.8	230.4-232.8-236	250x200
200-420A1	1008-1260-1512	190-170-150	632.8-690.4-744.8	250x200
200-420A2	916-1144-1374	160-142-120	496-533.6-550.4	250x200
200-420A3	818-1022-1226	130-110-96	366.4-392-400.8	250x200
200-420B1	934-1166-1400	180-162-140	558.4-612.8-655.2	250x200
200-420B2	846-1060-1270	152-138-112	438.4-484.8-504.8	250x200
200-420B3	750-936-1124	126-112-96	332-366.4-380	250x200
250-370A1	1680-2102-2520	176-156-134	944-1016-1096	300x250
250-370A2	1590-1988-2384	150-132-110.8	792-832-872	300x250
250-370A3	1510-1886-2262	126-108-84	664-668.8-668.8	300x250
250-370A4	1512-1742-2016	92-80-64	498.4-489.6-462.4	300x250
250-370B1	1646-2058-2470	169.2-148-124	896-952-992	300x250
250-370B2	1550-1936-2324	148-128-108	759.2-784.8-828.8	300x250
250-370B3	1464-1828-2194	128-108-88	637.6-640-657.6	300x250
250-370B4	1360-1700-2040	102.4-88-68	492.8-496.8-490.4	300x250
300-300A1	1756-2196-2636	115.2-98-80	670.4-681.6-715.2	350x300
300-300A2	1670-2088-2506	94-79.2-60	531.2-532.8-505.6	350x300
300-300A3	1612-2016-2420	76-62-45.6	422.4-415.2-385.6	350x300
300-300A4	1544-1930-2316	60-46-30	332-302.4-256	350x300
300-300B1	1490-1872-2246	104.8-92-80	515.2-552-583.2	350x300
300-300B2	1382-1728-2074	96-80-63.2	449.6-448-440.8	350x300
300-300B3	1278-1600-1920	80-66.8-54	364-359.2-356.8	350x300
300-300B4	1120-1400-1680	70-60-48	296.8-296.8-288.8	350x300
300-435A1	2362-2952-3542	170-146-114	640-672-640	400x300
300-435A2	2176-2720-3060	135.2-110-96	608-632-624	400x300
300-435B1	2276-2844-3412	174-150-120	644-672-640	400x300
300-435B2	2132-2664-3196	140-122-99.2	624-572-620	400x300
350-360B1	2276-2844-3412	142-124-103.2	1064-1120-1152	400x350
350-360B2	2136-2670-3204	122-105.2-85.2	880-912-920	400x350
350-360B3	2032-2540-3048	102.4-90-70	720-760-744	400x350
350-360B4	1900-2376-2794	86-71.2-54.8	592-592-568	400x350

PSC4 50 Hz n=1450 1/min

MODEL	Flow Range m³/h	Head Range m	Power Range kw	DN mm
80-210A1	66-83-100	15-13.8-12.2	3.4-3.8-4.2	125x80
80-210A2	61-76-90	13-11.8-10.5	2.7-3-3.3	125x80
80-210A3	58-72-87	11-9.8-8.7	2.2-2.4-2.6	125x80
80-210A4	55-69-83	9.1-8.2-7	1.8-2-2.1	125x80
80-210B1	52-65-78	14.2-12.8-10	2.6-2.8-3.1	125x80
80-210B2	52-64-77	12-10.8-11.7	2.1-2.4-3.1	125x80
80-210B3	50-61-73	10-9-7.8	1.8-1.9-2	125x80
80-210B4	47-58-70	8.7-7.6-6.5	1.5-1.6-1.8	125x80
80-270A1	83-104-125	24-22.5-19.5	7-8.1-8.8	125x80
80-270A2	80-99-120	21.3-19-17	6.1-6.6-7.4	125x80
80-270A3	72-90-108	17.5-16-13.7	4.6-5.2-5.4	125x80
80-270A4	67-84-100	13.8-13-11.5	3.4-4-4.3	125x80
80-270B1	68-85-102	23.1-20.7-18.2	5.7-6.2-6.7	125x80
80-270B2	61-77-92	20-18.1-16	4.5-5-5.3	125x80
80-270B3	58-72-86	16.5-15-13.2	3.5-3.9-4.2	125x80
80-270B4	53-67-80	13.8-12.5-10.8	2.7-3.1-3.2	125x80
80-370A1	90-113-136	42-38.8-33.5	14.8-16.2-17.3	125x80
80-370A2	80-99-120	35-33-29.1	10.6-12.1-13.3	125x80
80-370A3	70-88-106	29.3-27.5-24.7	8.2-9.4-10.2	125x80
80-370A4	65-81-98	23.8-22.5-20	6.4-7.4-8	125x80
80-370B1	80-99-120	38.8-35.5-31.3	11.8-13.1-14.3	125x80
80-370B2	72-90-108	34.1-30.8-26.3	9.7-10.8-11.4	125x80
80-370B3	60-76-90	27.5-25.5-22.5	7-8-8.5	125x80
80-370B4	53-67-80	21.3-20-17.5	4.9-5.7-6	125x80
100-250A1	115-144-173	21.2-18.8-17.5	8.2-8.9-10	150x100
100-250A2	112-140-167	17.5-15.8-13.2	6.7-7.4-7.7	150x100
100-250A3	100-126-150	14.5-13.5-11.9	5.1-5.9-6.3	150x100
100-250A4	97-120-145	12.2-11.2-9.5	4.2-4.7-5	150x100
100-250B1	98-122-147	18.8-17-15	6.2-7-7.6	150x100
100-250B2	90-112-135	16.3-14.5-12.7	5.1-5.6-6	150x100
100-250B3	85-106-128	13.7-12.5-11.3	4.1-4.7-5.3	150x100
100-250B4	75-94-113	12.1-11-9.6	3.3-3.7-3.9	150x100
100-310A1	148-185-222	34-31-26.8	17.4-19.6-21	150x100
100-310A2	133-166-200	29.3-27-24.3	13.4-15.3-17	150x100
100-310A3	120-151-180	24.8-22.5-20	10.5-11.7-12.8	150x100
100-310A4	112-140-162	20.2-18.5-16.2	7.9-9-9.2	150x100
100-310B1	112-140-168	32.5-29.5-25	13-14.1-15.5	150x100
100-310B2	106-133-160	27.5-25.5-22	10.4-11.6-12.8	150x100
100-310B3	100-124-150	23-21.2-18	8.2-9-9.8	150x100
100-310B4	94-117-140	19.4-17-15	6.5-6.9-7.6	150x100
100-375A1	148-185-220	57-51-44.2	31.4-33.5-36	150x100
100-375A2	133-167-200	47.3-46-38	24.5-28.3-29.2	150x100
100-375A3	124-155-186	41-38-31	20.3-22.6-23.1	150x100
100-375A4	108-135-162	32.5-30.3-25.3	14.4-14.5-16.8	150x100
100-375B1	130-162-195	56.2-52-45.8	28.4-31.4-35.9	150x100
100-375B2	114-142-170	47.5-44-39	22.2-23.7-27.3	150x100
100-375B3	105-130-157	40-37.5-32.5	17.7-18.8-21.7	150x100
100-375B4	92-115-138	30.8-28.7-25	12.7-14.3-15.4	150x100

**TECHNICAL DATA****PSC4 50 Hz n=1450 1/min**

MODEL	Flow Range m³/h	Head Range m	Power Range kw	DN mm
125-230A1	220-274-328	17-14.8-12	12.1-12.9-13.1	200x125
125-230A2	193-241-290	15-13.2-10.8	9.7-10.3-10.4	200x125
125-230A3	184-230-277	12.6-10.6-8	8-8.1-8.1	200x125
125-230A4	167-209-250	10.3-8.7-6.8	6.4-6.4-6.4	200x125
125-230B1	190-238-307	17-15.1-11.5	10.5-11.6-12	200x125
125-230B2	170-212-255	15-13.5-11.4	8.6-9.3-9.7	200x125
125-230B3	164-205-246	13-11.5-9.2	7.5-7.8-7.9	200x125
125-230B4	156-195-223	10.5-9.1-7.7	5.9-6.2-6.3	200x125
125-290A1	215-269-323	29.2-27-23.5	20.8-23.6-25.2	200x125
125-290A2	195-243-292	24.4-22-19.6	16.1-17.8-19.5	200x125
125-290A3	178-223-268	20-18-15.5	12.3-13.7-14.4	200x125
125-290A4	161-202-242	16.3-14.2-11.8	9.3-10-10.2	200x125
125-290B1	193-241-290	27.5-25-21.3	17.8-19.8-20.6	200x125
125-290B2	174-218-261	23.4-21-17.5	13.9-15.2-16	200x125
125-290B3	157-196-235	19-17.5-15	10.4-11.8-12.3	200x125
125-290B4	138-173-207	15.1-13.7-11.3	7.7-8.5-8.6	200x125
125-365A1	245-310-360	50-47-44	41.2-47.2-52.3	200x125
125-365A2	225-281-337	41.6-39-35.6	31.8-36-40.4	200x125
125-365A3	205-256-307	33.7-31.5-28.2	24.2-26.8-29.8	200x125
125-365A4	184-230-278	25.5-24-20.9	16.9-18.8-20.2	200x125
125-365B1	222-277-333	46.3-43-38.8	35.4-40.1-44	200x125
125-365B2	202-252-302	39.8-37-32.8	28-31.8-34.2	200x125
125-365B3	182-227-272	32.6-30.5-27.5	21.4-24.5-26.8	200x125
125-365B4	158-198-238	26.3-24.5-21.8	14.9-17.4-18.8	200x125
125-500A1	262-328-393	82-76-70	73.7-82.7-96.4	200x125
125-500A2	233-292-342	70-66.5-62	56.7-67.3-74.8	200x125
125-500A3	205-256-307	60-56-51.5	44-50.6-56.6	200x125
125-500A4	184-230-252	50-47-45	34.2-38.8-40.7	200x125
125-500B1	235-293-352	75-69.5-63	61.7-70.3-78.5	200x125
125-500B2	217-272-326	65-60.5-55	50.1-57.4-64.3	200x125
125-500B3	181-227-272	57-53-48.3	37.5-42.5-47.3	200x125
125-500B4	161-202-234	47.5-45-40	28.2-32.5-34.5	200x125
150-290A1	354-443-531	24-21-17.5	27.1-29.1-30.3	200x150
150-290A2	323-403-484	21-18-15	22.2-23-24	200x150
150-290A3	302-378-454	17.5-15-12.3	18-18.4-19.1	200x150
150-290A4	280-350-396	13.7-11.5-10	13.9-14.2-14.2	200x150
150-290B1	317-396-475	23.4-20.4-16.6	24-25.6-25.7	200x150
150-290B2	302-378-454	20-17-13.7	19.9-20.6-20.7	200x150
150-290B3	282-353-423	17.5-14.5-11.3	16.6-16.6-16.5	200x150
150-290B4	265-331-378	14-11.5-9.8	13-13-13.3	200x150
150-360A1	357-446-536	41.3-38-34.2	48.4-54.3-60.4	200x150
150-360A2	323-403-484	34.2-31-26.3	36.9-41-42.9	200x150
150-360A3	298-370-445	28.7-25-21	29.4-31.2-32.3	200x150
150-360A4	265-331-398	23.4-20-16.7	22.1-23.1-23.3	200x150
150-360B1	325-407-488	39.2-35-30	42.3-46.2-49.3	200x150
150-360B2	294-367-440	33-29.5-25	32.8-36-37.5	200x150
150-360B3	267-334-400	27.5-25-21.3	25.4-28.5-29.8	200x150
150-360B4	233-292-350	22.8-20.5-17.5	19.2-20.9-22	200x150
150-460A1	412-515-618	71-66-60	99.4-112.8-126.2	200x150
150-460A2	377-472-566	58-54.5-48	75.2-86.4-94.9	200x150
150-460A3	346-432-516	47.5-43.5-37	57-64-69.7	200x150
150-460A4	317-396-475	38-35-28.2	42.6-48.1-50.7	200x150
150-460B1	350-440-527	65-60-53.5	78.3-88.6-97.6	200x150
150-460B2	323-403-484	54-50-44.5	60.3-68.2-75.2	200x150
150-460B3	300-375-450	44-40-34.5	46.5-51-57.1	200x150
150-460B4	260-324-390	35.5-33-28.4	33.5-37.3-40.7	200x150
150-605A1	467-583-700	112-105-95.5	182.6-206-233.4	200x150
150-605A2	440-550-648	96-88.5-81	151.1-168-187.5	200x150
150-605A3	412-515-605	82-75-68	120-134.8-151.4	200x150
150-605A4	378-472-526	67.5-61.5-55.2	92.3-102.6-106.8	200x150

PSC4 50 Hz n=1450 1/min

MODEL	Flow Range m³/h	Head Range m	Power Range kw	DN mm
150-605B1	430-536-617	98-90-82	149.2-166.4-181.5	200x150
150-605B2	392-490-576	85-78-70	118.9-133.3-148.1	200x150
150-605B3	357-446-535	75-68.5-60	96.2-108.2-118.4	200x150
150-605B4	323-403-484	62.5-57.5-50	73.4-83.1-91.6	200x150
200-320A1	556-695-834	34-30-25	60-64.9-67.2	250x200
200-320A2	518-648-778	29-25.5-21.3	48.8-52-54	250x200
200-320A3	481-601-720	25-21.3-17.2	40.7-41-42.3	250x200
200-320A4	440-550-612	18.9-17-15.3	29-32.3-32.9	250x200
200-320B1	510-637-765	32.3-28-23.4	52.7-56.2-58	250x200
200-320B2	475-594-713	28.5-24.5-20	44-46.1-46.9	250x200
200-320B3	445-558-670	23.8-21-17.2	35.6-38-38.4	250x200
200-320B4	412-515-595	20-17-14.2	28.8-29.1-29.5	250x200
200-420A1	567-709-850	57-52-47	104-116-129	250x200
200-420A2	504-630-756	47.5-42.5-37.5	79.1-86.3-93.1	250x200
200-420A3	458-572-687	40-35.5-30	62-66.7-68.8	250x200
200-420A4	409-511-613	32.5-27.5-24	45.8-49-50.1	250x200
200-420B1	518-648-778	54-48.5-42	90.8-99.1-107	250x200
200-420B2	467-583-700	45-40.5-35	69.8-76.6-81.9	250x200
200-420B3	423-530-635	38-34.5-29	54.8-60.6-63.1	250x200
200-420B4	375-468-562	31.5-28-24	41.5-45.8-47.5	250x200
200-520A1	654-817-980	97-91-83	210-241-272	250x200
200-520A2	605-756-907	82.5-76.5-70	170-192-215	250x200
200-520A3	565-706-847	67-62.5-55	132-148-163	250x200
200-520A4	518-647-778	52.3-47.5-42	98-107-117	250x200
200-520B1	558-734-880	88-81.7-73.2	175-197-219	250x200
200-520B2	556-695-834	74-68-60	141-159-172	250x200
200-520B3	524-655-786	60-55-48.8	109-123-134	250x200
200-520B4	478-598-717	48-43.5-38	81-91-98	250x200
200-670A1	634-792-936	157.5-150-140	350-404-457	250x200
200-670A2	596-745-894	134.5-127-114.5	285-328-367	250x200
200-670A3	562-702-842	114.5-107-95.5	231-266-293	250x200
200-670A4	527-659-770	95.5-88-80	183-208-227	250x200
200-670B1	576-720-864	142-132.5-120	289-329-372	250x200
200-670B2	530-662-795	123-114.5-104	231-263-296	250x200
200-670B3	493-616-720	106-98.5-90	187-212-232	250x200
200-670B4	455-569-683	90-83-73	149-167-184	250x200
250-370A1	840-1051-1260	44-39-33.5	118-127-137	300x250
250-370A2	795-994-1192	37.5-33-27.7	99-104-109	300x250
250-370A3	755-943-1131	31.5-27-21	83-83.6-83.6	300x250
250-370A4	756-871-1008	23-20-16	62.3-61.2-57.8	300x250
250-370B1	823-1029-1235	42.3-37-31	112-119-124	300x250
250-370B2	775-968-1162	37-32-27	94.9-98.1-103.6	300x250
250-370B3	732-914-1097	32-27-22	79.7-80-82.2	300x250
250-370B4	680-850-1020	25.6-22-17	61.6-62.1-61.3	300x250
250-480A1	938-1173-1408	73.5-66-58	222-239-262	300x250
250-480A2	864-1080-1296	60.5-55-47.5	166-188-202	300x250
250-480A3	800-1000-1200	50-45.5-38	136-149-160	300x250
250-480A4	743-929-1115	42-37.5-32	110-119-126	300x250
250-480B1	864-1044-1296	62-55.5-45	177-191-199	300x250
250-480B2	780-976-1171	53.5-47-42	141-149-163	300x250
250-480B3	708-886-1063	45-40.5-34	111-121-126	300x250
250-480B4	642-803-963	40-34.5-28.5	94.6-96.1-98.4	300x250
250-600A1	994-1242-1490	126-116-105	411-467-520	300x250
250-600A2	933-1166-1400	108-100-90	333-380-421	300x250
250-600A3	867-1084-1300	90-83-73.5	262-295-322	300x250
250-600A4	800-1000-1200	74-66-60	201-218-244	300x250
250-600B1	835-1044-1253	114-104-91.5	320-356-381	300x250
250-600B2	772-965-1158	98-90-80	255-287-311	300x250
250-600B3	700-875-1050	80.3-74.5-66	192-218-235	300x250
250-600B4	640-800-960	67.5-62-56.5	149-168-186	300x250



TECHNICAL DATA

PSC4 50 Hz n=1450 1/min

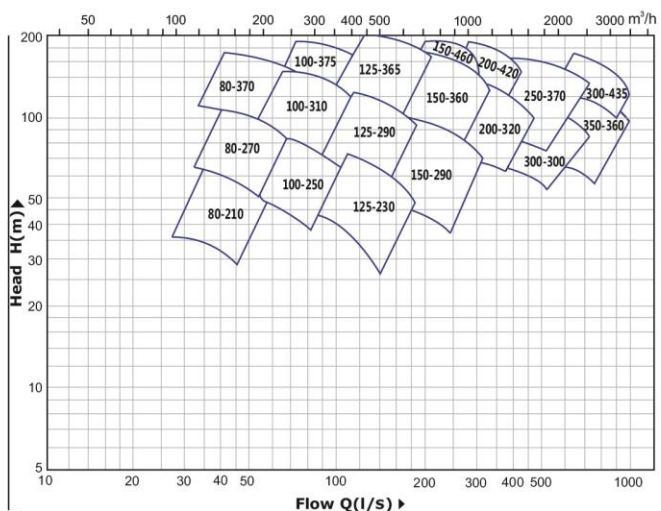
MODEL	Flow Range m³/h	Head Range m	Power Range kw	DN mm
250-710A1	904-1130-1356	184-175-164	579-674-775	300x250
250-710A2	782-978-1174	161-152-141	444-513-578	300x250
250-710A3	738-922-1106	136-128-118	358-415-465	300x250
250-710A4	692-865-1038	113-106-99	280-325-360	300x250
300-300A1	878-1098-1318	28.8-24.5-20	83.8-85.2-89.4	350x300
300-300A2	835-1044-1253	23.5-19.8-15	66.4-66.6-63.2	350x300
300-300A3	806-1008-1210	19-15.5-11.4	52.8-51.9-48.2	350x300
300-300A4	772-965-1158	15-11.5-7.5	41.5-37.8-32	350x300
300-300B1	745-936-1123	26.2-23-20	64.4-69-72.9	350x300
300-300B2	691-864-1037	24-20-15.8	56.2-56-55.1	350x300
300-300B3	639-800-960	20-16.7-13.5	45.5-44.9-44.6	350x300
300-300B4	560-700-840	17.5-15-12	37.1-37.1-36.1	350x300
300-435A1	1342-1677-2012	60-53-46	257-275-295	400x300
300-435A2	1262-1577-1892	52-45-37.5	213-223-230	400x300
300-435A3	1181-1476-1771	42.5-36.5-28.5	171-175-172	400x300
300-435A4	1088-1360-1530	33.8-27.5-24	132-129-128	400x300
300-435B1	1396-1620-1944	57.5-51.5-43.5	240-260-273	400x300
300-435B2	1215-1519-1823	51.5-45-37.5	206-215-222	400x300
300-435B3	1138-1422-1706	43.5-37.5-30	168-173-174	400x300
300-435B4	1066-1332-1598	35-30.5-24.8	130-136-138	400x300
300-560A1	1397-1745-2095	101.5-94-83.5	454-520-570	400x300
300-560A2	1316-1645-1974	83.5-76-67	357-398-433	400x300
300-560A3	1258-1573-1888	68-63-54	281-313-339	400x300
300-560A4	1213-1516-1819	57-50-42	232-247-260	400x300
300-560B1	1238-1548-1858	88.5-80-70	359-399-427	400x300
300-560B2	1158-1447-1736	75-67-57	286-316-331	400x300
300-560B3	1089-1361-1633	64-57-50	235-255-273	400x300
300-560B4	1026-1282-1538	53-47.5-41	186-204-213	400x300
300-700A1	1469-1836-2070	170-160-151	810-941-1012	400x300
300-700A2	1388-1735-2082	147-136-125	662-760-854	400x300
300-700A3	1298-1623-1948	122-112-100	521-567-647	400x300
300-700A4	1230-1537-1845	100-91-80	408-454-500	400x300

PSC4 50 Hz n=1450 1/min

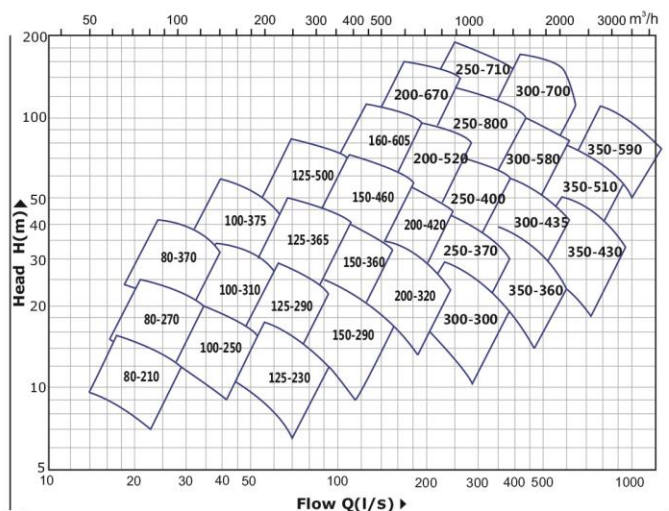
MODEL	Flow Range m³/h	Head Range m	Power Range kw	DN mm
300-700B1	1350-1688-2026	152-139-124	679-765-840	400x300
300-700B2	1258-1573-1888	130-119-105	544-614-667	400x300
300-700B3	1160-1450-1740	108-99-87	422-474-512	400x300
300-700B4	1074-1342-1610	90-81-71.5	328-361-391	400x300
350-360A1	1385-1731-2077	37.5-32-25	171-175-175	400x350
350-360A2	1354-1692-2030	32-26.5-20	146-144-138	400x350
350-360A3	1313-1641-1969	26.5-21-15	120-113-103	400x350
350-360A4	1282-1602-1922	20-15-9	91-81-64	400x350
350-360B1	1138-1422-1706	35.5-31-25.8	133-140-144	400x350
350-360B2	1068-1335-1602	30.5-26.3-21.3	110-114-115	400x350
350-360B3	1016-1270-1524	25.6-22.5-17.5	90-95-93	400x350
350-360B4	950-1188-1397	21.5-17.8-13.7	74-74-71	400x350
350-430A1	2194-2743-3292	49.5-43.5-35	353-371-371	450x350
350-430A2	2108-2635-3162	41.5-35-27	291-294-281	450x350
350-430A3	2050-2563-3076	33-27.5-20	231-229-210	450x350
350-430A4	1987-2484-2981	27-21.5-15	187-180-160	450x350
350-430B1	1786-2232-2678	48-42.5-35	277-299-303	450x350
350-430B2	1670-2088-2506	42.5-36-28.8	237-242-240	450x350
350-430B3	1590-1987-2384	35-30-23.5	193-198-195	450x350
350-430B4	1486-1858-2230	30-25-18.5	160-161-148	450x350
350-510A1	2088-2610-3132	80-70-60	529-562-605	400x350
350-510A2	1944-2430-2916	68-60-50	426-456-473	400x350
350-510A3	1786-2232-2678	57.5-50-40	345-353-360	400x350
350-510A4	1656-2070-2484	45-38-30	267-271-264	400x350
350-510B1	1958-2448-2938	76-67-57	466-508-531	400x350
350-510B2	1814-2268-2722	67.5-59.5-50	393-422-436	400x350
350-510B3	1670-2088-2506	58-50-41.5	320-335-344	400x350
350-510B4	1555-1944-2333	47.5-41.5-34.5	258-265-274	400x350
350-590A1	3036-3795-4500	100-90-78	956-1046-1139	500x350
350-590A2	2834-3543-4162	88-77.2-66	800-857-891	500x350
350-590A3	2604-3255-3906	74-64.3-53	648-663-688	500x350
350-590A4	2556-3020-3623	56-48.9-40.6	497-509-517	500x350

PERFORMANCE CHART

PSC n=2900 1/min



PSC4 n=1450 1/min





Fire Turbine Pump XBD

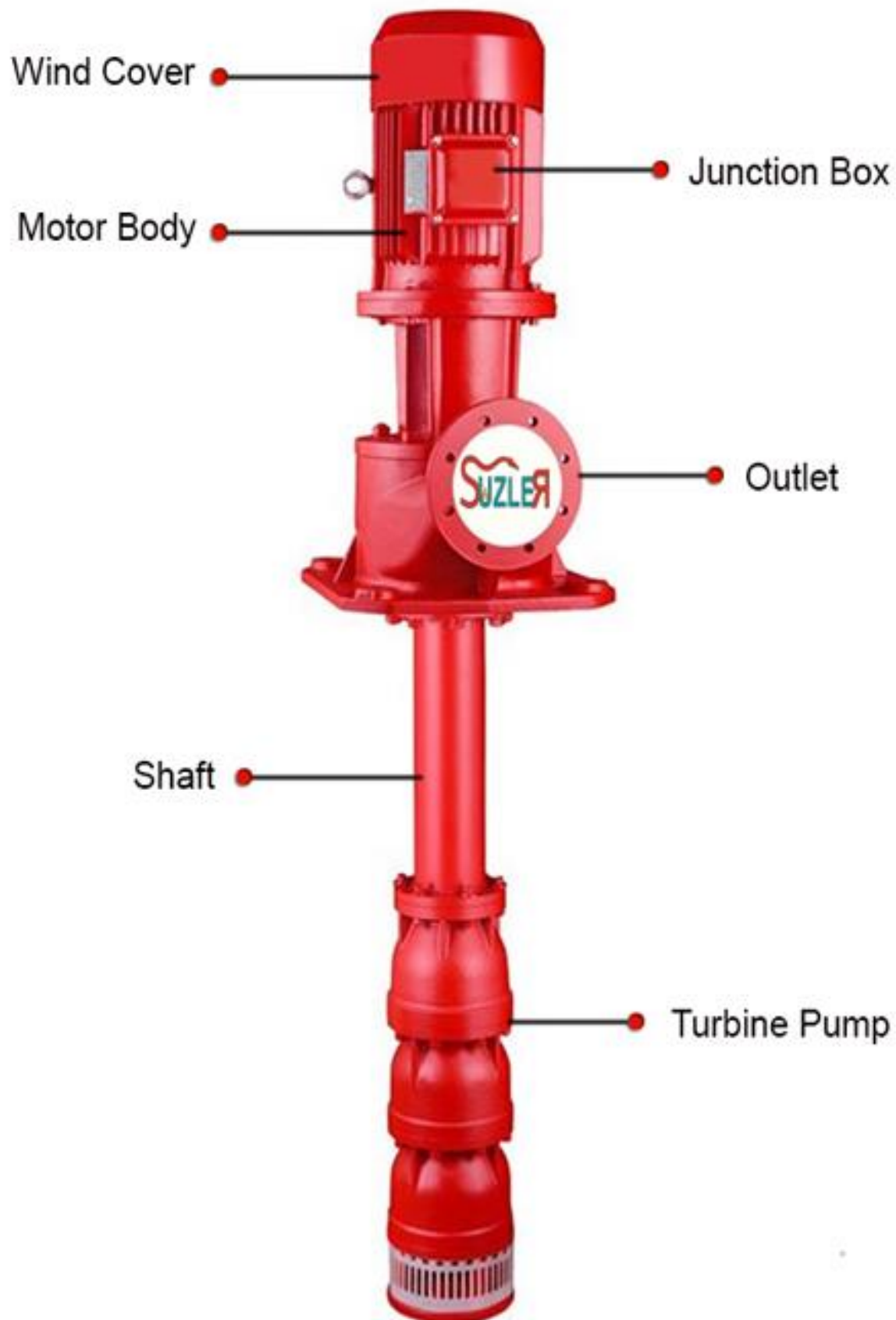
Vertical Long Shaft Deep Well



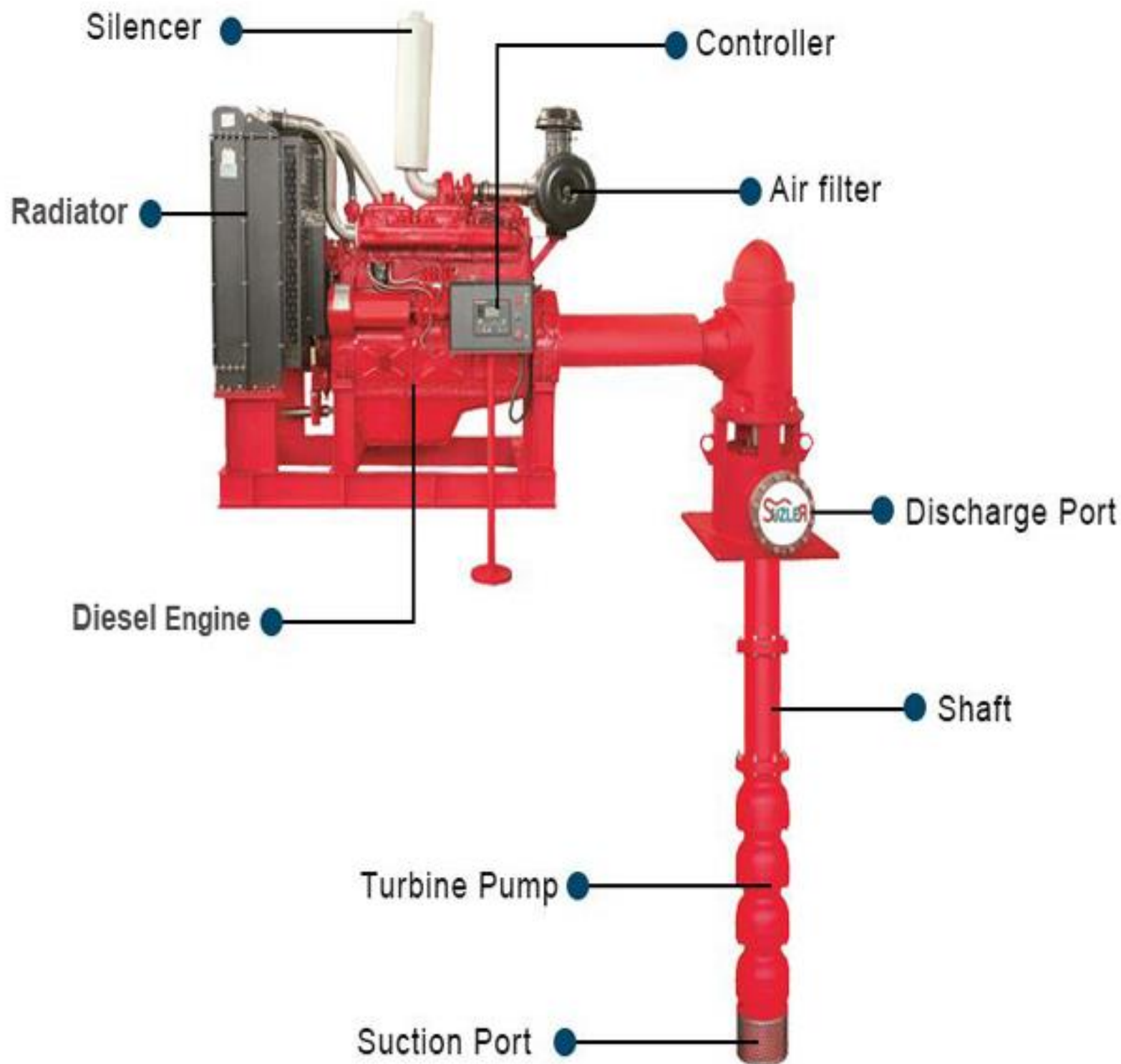
FEATURES AND USING LIMITS

- Flow Capacity Range: 0-1000 GPM (0-70 L/S)
- Max. Working pressure: 18.5 bar (1.85 Mpa)
- Power Range: 1.5-132 Kw
- Port DN: 50, 100, 150 mm
- Pump Case: Anti-Corrosive coated Cast Iron
- Shaft: Stainless Steel
- Impeller: Stainless Steel

PRODUCT INFORMATION



PRODUCT INFORMATION



MODEL	Power		Flow		Head		Port
	KW	HP	L/s	m3/h	Mpa	m	mm
XBD 3.2/ 1WJ	1.5	2	1	3.6	0.32	32	50
XBD 4.0/ 1WJ	1.5	2	1	3.6	0.40	40	50
XBD 5.0/ 1WJ	2.2	3	1	3.6	0.50	50	50
XBD 6.0/ 1WJ	2.2	3	1	3.6	0.60	60	50
XBD 7.0/ 1WJ	3	4	1	3.6	0.70	70	50
XBD 8.0/ 1WJ	3	4	1	3.6	0.80	80	50
XBD 9.0/ 1WJ	3	4	1	3.6	0.90	90	50
XBD 10.0/ 1WJ	3	4	1	3.6	1.00	100	50
XBD 11.0/ 1WJ	4	5.5	1	3.6	1.10	110	50
XBD 12.0/ 1WJ	4	5.5	1	3.6	1.20	120	50
XBD 13.0/ 1WJ	4	5.5	1	3.6	1.30	130	50
XBD 14.0/ 1WJ	4	5.5	1	3.6	1.40	140	50
XBD 15.0/ 1WJ	5.5	7.5	1	3.6	1.50	150	50
XBD 16.0/ 1WJ	5.5	7.5	1	3.6	1.60	160	50
XBD 17.0/ 1WJ	5.5	7.5	1	3.6	1.70	170	50
XBD 3.2/ 3WJ	2.2	3	3	10.8	0.32	32	50
XBD 4.0/ 3WJ	3	4	3	10.8	0.40	40	50
XBD 5.0/ 3WJ	4	5.5	3	10.8	0.50	50	50
XBD 6.0/ 3WJ	4	5.5	3	10.8	0.60	60	50
XBD 7.0/ 3WJ	5.5	7.5	3	10.8	0.70	70	50
XBD 8.0/ 3WJ	5.5	7.5	3	10.8	0.80	80	50
XBD 9.0/ 3WJ	5.5	7.5	3	10.8	0.90	90	50
XBD 10.0/ 3WJ	7.5	10	3	10.8	1.00	100	50
XBD 12.0/ 3WJ	7.5	10	3	10.8	1.20	120	50
XBD 13.0/ 3WJ	11	15	3	10.8	1.30	130	50
XBD 15.0/ 3WJ	11	15	3	10.8	1.50	150	50
XBD 16.0/ 3WJ	15	20	3	10.8	1.60	160	50
XBD 17.0/ 3WJ	15	20	3	10.8	1.70	170	50
XBD 20.3/ 3WJ	15	20	3	10.8	2.03	203	50
XBD 3.2/ 5WJ	4	5.5	5	18.0	0.32	32	50
XBD 4.0/ 5WJ	4	5.5	5	18.0	0.40	40	50
XBD 4.5/ 5WJ	5.5	7.5	5	18.0	0.45	45	50
XBD 5.0/ 5WJ	5.5	7.5	5	18.0	0.50	50	50
XBD 5.5/ 5WJ	5.5	7.5	5	18.0	0.55	55	50
XBD 6.0/ 5WJ	5.5	7.5	5	18.0	0.60	60	50
XBD 6.5/ 5WJ	7.5	10	5	18.0	0.65	65	50
XBD 7.0/ 5WJ	7.5	10	5	18.0	0.70	70	50
XBD 7.5/ 5WJ	7.5	10	5	18.0	0.75	75	50
XBD 8.0/ 5WJ	7.5	10	5	18.0	0.80	80	50
XBD 8.5/ 5WJ	7.5	10	5	18.0	0.85	85	50
XBD 9.0/ 5WJ	11	15	5	18.0	0.90	90	50
XBD 9.5/ 5WJ	11	15	5	18.0	0.95	95	50
XBD 10.0/ 5WJ	11	15	5	18.0	1.00	100	50
XBD 11.0/ 5WJ	11	15	5	18.0	1.10	110	50
XBD 12.0/ 5WJ	15	20	5	18.0	1.20	120	50
XBD 13.0/ 5WJ	15	20	5	18.0	1.30	130	50
XBD 14.0/ 5WJ	15	20	5	18.0	1.40	140	50
XBD 15.0/ 5WJ	15	20	5	18.0	1.50	150	50
XBD 16.0/ 5WJ	18.5	25	5	18.0	1.60	160	50
XBD 18.2/ 5WJ	18.5	25	5	18.0	1.82	182	50
XBD 3.2/ 5GJ	4	5.5	5	18.0	0.32	32	50
XBD 4.0/ 5GJ	5.5	7.5	5	18.0	0.40	40	50
XBD 5.1/ 5GJ	5.5	7.5	5	18.0	0.51	51	50
XBD 5.6/ 5GJ	7.5	10	5	18.0	0.56	56	50
XBD 6.0/ 5GJ	7.5	10	5	18.0	0.60	60	50
XBD 7.0/ 5GJ	7.5	10	5	18.0	0.70	70	50
XBD 8.0/ 5GJ	11	15	5	18.0	0.80	80	50
XBD 9.8/ 5GJ	11	15	5	18.0	0.98	98	50
XBD 10.4/ 5GJ	11	15	5	18.0	1.04	104	50
XBD 11.0/ 5GJ	15	20	5	18.0	1.10	110	50
XBD 12.6/ 5GJ	15	20	5	18.0	1.26	126	50
XBD 13.0/ 5GJ	15	20	5	18.0	1.30	130	50
XBD 14.5/ 5GJ	15	20	5	18.0	1.45	145	50
XBD 16.5/ 5GJ	18.5	25	5	18.0	1.65	165	50
XBD 3.0/ 10GJ	7.5	10	10	36.0	0.30	30	100
XBD 3.9/ 10GJ	7.5	10	10	36.0	0.39	39	100

MODEL	Power		Flow		Head		Port
	KW	HP	L/s	m3/h	Mpa	m	
XBD 4.2/ 10GJ	11	15	10	36.0	0.42	42	100
XBD 5.3/ 10GJ	11	15	10	36.0	0.53	53	100
XBD 6.0/ 10GJ	11	15	10	36.0	0.60	60	100
XBD 6.7/ 10GJ	15	20	10	36.0	0.67	67	100
XBD 7.0/ 10GJ	15	20	10	36.0	0.70	70	100
XBD 8.1/ 10GJ	15	20	10	36.0	0.81	81	100
XBD 8.5/ 10GJ	15	20	10	36.0	0.85	85	100
XBD 9.1/ 10GJ	18.5	25	10	36.0	0.91	91	100
XBD 10.9/ 10GJ	18.5	25	10	36.0	1.09	109	100
XBD 11.2/ 10GJ	22	30	10	36.0	1.12	112	100
XBD 13.0/ 10GJ	22	30	10	36.0	1.30	130	100
XBD13.7/ 10GJ	22	30	10	36.0	1.37	137	100
XBD 14.3/ 10GJ	30	40	10	36.0	1.43	143	100
XBD 16.5/ 10GJ	30	40	10	36.0	1.65	165	100
XBD18.5/ 10GJ	37	50	10	36.0	1.85	185	100
XBD 4.0/ 15GJ	11	15	15	54.0	0.40	40	100
XBD 5.0/ 15GJ	15	20	15	54.0	0.50	50	100
XBD 6.0/ 15GJ	15	20	15	54.0	0.60	60	100
XBD 6.4/ 15GJ	18.5	25	15	54.0	0.64	64	100
XBD 7.0/ 15GJ	18.5	25	15	54.0	0.70	70	100
XBD 7.8/ 15GJ	18.5	25	15	54.0	0.78	78	100
XBD 8.0/ 15GJ	22	30	15	54.0	0.80	80	100
XBD 9.2/ 15GJ	22	30	15	54.0	0.92	92	100
XBD 10.0/ 15GJ	22	30	15	54.0	1.00	100	100
XBD 10.6/ 15GJ	22	30	15	54.0	1.06	106	100
XBD 11.0/ 15GJ	30	40	15	54.0	1.10	110	100
XBD 12.0/ 15GJ	37	50	15	54.0	1.20	120	100
XBD 13.4/ 15GJ	37	50	15	54.0	1.34	134	100
XBD 14.0/ 15GJ	45	60	15	54.0	1.40	140	100
XBD 14.8/ 15GJ	45	60	15	54.0	1.48	148	100
XBD 16.4/ 15GJ	45	60	15	54.0	1.64	164	100
XBD 3.4/ 20GJ	11	15	20	72.0	0.34	34	100
XBD 4.0/ 20GJ	15	20	20	72.0	0.40	40	100
XBD 4.5/ 20GJ	15	20	20	72.0	0.45	45	100
XBD 5.1/ 20GJ	18.5	25	20	72.0	0.51	51	100
XBD 5.6/ 20GJ	22	30	20	72.0	0.56	56	100
XBD 6.5/ 20GJ	22	30	20	72.0	0.65	65	100
XBD 7.0/ 20GJ	22	30	20	72.0	0.70	70	100
XBD 7.5/ 20GJ	22	30	20	72.0	0.75	75	100
XBD 8.2/ 20GJ	30	40	20	72.0	0.82	82	100
XBD 9.0/ 20GJ	30	40	20	72.0	0.90	90	100
XBD 9.4/ 20GJ	37	50	20	72.0	0.94	94	100
XBD 10.4/ 20GJ	37	50	20	72.0	1.04	104	100
XBD 11.3/ 20GJ	37	50	20	72.0	1.13	113	100
XBD 12.0/ 20GJ	37	50	20	72.0	1.20	120	100
XBD 12.7/ 20GJ	45	60	20	72.0	1.27	127	100
XBD 13.0/ 20GJ	55	75	20	72.0	1.30	130	100
XBD 13.8/ 20GJ	55	75	20	72.0	1.38	138	100
XBD 15.0/ 20GJ	75	100	20	72.0	1.50	150	100
XBD 17.0/ 20GJ	90	120	20	72.0	1.70	170	100
XBD 4.0/ 25GJ	18.5	25	25	90.0	0.40	40	100
XBD 4.6/ 25GJ	22	30	25	90.0	0.46	46	100
XBD 5.0/ 25GJ	22	30	25	90.0	0.50	50	100
XBD 6.0/ 25GJ	22	30	25	90.0	0.60	60	100
XBD 7.0/ 25GJ	30	40	25	90.0	0.70	70	100
XBD 8.0/ 25GJ	37	50	25	90.0	0.80	80	100
XBD 9.3/ 25GJ	37	50	25	90.0	0.93	93	100
XBD 10.0/ 25GJ	45	60	25	90.0	1.00	100	100
XBD 11.0/ 25GJ	45	60	25	90.0	1.10	110	100
XBD 11.6/ 25GJ	55	75	25	90.0	1.16	116	100
XBD 12.3/ 25GJ	55	75	25	90.0	1.23	123	100
XBD 14.0/ 25GJ	75	100	25	90.0	1.40	140	100
XBD 16.3/ 25GJ	90	120	25	90.0	1.63	163	100
XBD 3.2/ 30GJ	15	20	30	108.0	0.32	32	150
XBD 4.1/ 30GJ	18.5	25	30	108.0	0.41	41	150
XBD 4.7/ 30GJ	22	30	30	108.0	0.47	47	150

MODEL	Power		Flow		Head		Port
	KW	HP	L/s	m3/h	Mpa	m	
XBD 5.2/ 30GJ	30	40	30	108.0	0.52	52	150
XBD 6.0/ 30GJ	30	40	30	108.0	0.60	60	150
XBD 7.0/ 30GJ	37	50	30	108.0	0.70	70	150
XBD 8.0/ 30GJ	37	50	30	108.0	0.80	80	150
XBD 8.7/ 30GJ	45	60	30	108.0	0.87	87	150
XBD 9.1/ 30GJ	45	60	30	108.0	0.91	91	150
XBD 10.5/ 30GJ	55	75	30	108.0	1.05	105	150
XBD 11.3/ 30GJ	55	75	30	108.0	1.13	113	150
XBD 12.2/ 30GJ	75	100	30	108.0	1.22	122	150
XBD 13.6/ 30GJ	75	100	30	108.0	1.36	136	150
XBD 14.0/ 30GJ	90	120	30	108.0	1.40	140	150
XBD 15.8/ 30GJ	110	150	30	108.0	1.58	158	150
XBD 3.2/ 35GJ	18.5	25	35	126.0	0.32	32	150
XBD 4.4/ 35GJ	22	30	35	126.0	0.44	44	150
XBD 5.2/ 35GJ	30	40	35	126.0	0.52	52	150
XBD 6.0/ 35GJ	37	50	35	126.0	0.60	60	150
XBD 6.6/ 35GJ	37	50	35	126.0	0.66	66	150
XBD 8.0/ 35GJ	45	60	35	126.0	0.80	80	150
XBD 8.8/ 35GJ	55	75	35	126.0	0.88	88	150
XBD 10.2/ 35GJ	55	75	35	126.0	1.02	102	150
XBD 11.0/ 35GJ	75	100	35	126.0	1.10	110	150
XBD 12.0/ 35GJ	75	100	35	126.0	1.20	120	150
XBD 13.5/ 35GJ	75	100	35	126.0	1.35	135	150
XBD 14.0/ 35GJ	90	120	35	126.0	1.40	140	150
XBD 3.5/ 40GJ	22	30	40	144.0	0.35	35	150
XBD 4.3/ 40GJ	30	40	40	144.0	0.43	43	150
XBD 5.0/ 40GJ	30	40	40	144.0	0.50	50	150
XBD 6.0/ 40GJ	37	50	40	144.0	0.60	60	150
XBD 7.0/ 40GJ	45	60	40	144.0	0.70	70	150
XBD 8.0/ 40GJ	55	75	40	144.0	0.80	80	150
XBD 10.0/ 40GJ	75	100	40	144.0	1.00	100	150
XBD 12.0/ 40GJ	75	100	40	144.0	1.20	120	150
XBD 13.0/ 40GJ	90	120	40	144.0	1.30	130	150
XBD 14.0/ 40GJ	90	120	40	144.0	1.40	140	150
XBD 15.8/ 40GJ	110	150	40	144.0	1.58	158	150
XBD 5.5/ 45GJ	37	50	45	162.0	0.55	55	150
XBD 6.6/ 45GJ	45	60	45	162.0	0.66	66	150
XBD 7.7/ 45GJ	55	75	45	162.0	0.77	77	150
XBD 8.8/ 45GJ	75	100	45	162.0	0.88	88	150
XBD 11.0/ 20GJ	75	100	45	162.0	1.10	110	150
XBD 13.0/ 20GJ	90	120	45	162.0	1.30	130	150
XBD 13.7/ 20GJ	110	150	45	162.0	1.37	137	150
XBD 3.6/ 50GJ	30	40	50	180.0	0.36	36	150
XBD 4.2/ 50GJ	37	50	50	180.0	0.42	42	150
XBD 5.0/ 50GJ	37	50	50	180.0	0.50	50	150
XBD 6.0/ 50GJ	45	60	50	180.0	0.60	60	150
XBD 8.0/ 50GJ	55	75	50	180.0	0.80	80	150
XBD 10.0/ 50GJ	75	100	50	180.0	1.00	100	150
XBD 12.0/ 50GJ	90	120	50	180.0	1.20	120	150
XBD 13.0/ 50GJ	110	150	50	180.0	1.30	130	150
XBD 4.2/ 60GJ	45	60	60	216.0	0.42	42	150
XBD 5.5/ 60GJ	55	75	60	216.0	0.55	55	150
XBD 6.7/ 60GJ	55	75	60	216.0	0.67	67	150
XBD 7.3/ 60GJ	75	100	60	216.0	0.73	73	150
XBD 8.1/ 60GJ	75	100	60	216.0	0.81	81	150
XBD 9.2/ 60GJ	90	120	60	216.0	0.92	92	150
XBD 10.8/ 60GJ	90	120	60	216.0	1.08	108	150
XBD 11.0/ 60GJ	110	150	60	216.0	1.10	110	150
XBD 12.2/ 60GJ	110	150	60	216.0	1.22	122	150
XBD 13.0/ 60GJ	132	180	60	216.0	1.30	130	150
XBD 5.8/ 70GJ	55	75	70	251.9	0.58	58	150
XBD 7.0/ 70GJ	75	100	70	251.9	0.70	70	150
XBD 8.2/ 70GJ	90	120	70	251.9	0.82	82	150
XBD 9.4/ 70GJ	110	150	70	251.9	0.94	94	150
XBD 9.8/ 70GJ	110	150	70	251.9	0.98	98	150
XBD 10.4/ 70GJ	132	180	70	251.9	1.04	104	150



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