

TECHNICAL SHEET

Model	PSM	
Capacity	0-1000	m ³ /h
Head	0-164	m
DN	32-150	mm
Speed	2900	rpm
T max	120	°C
Power	1.5-315	kW
Casing	Grey cast iron	
Impeller	AISI 304/Brass	
Shaft	AISI 304	
Shaft seal	Mechanical Seal	
Bearing	Grease lubrication rolling bearing	

Electric

 Electric pump to primarily provide flow and pressure in the system



Seperate coupled type

NEW

DESCRIPTION

-  According to NFPA20, centrifugal pump shall be of the overhung impeller design with close or separate coupled end suction type
- Pump capacities are based on the calculated system demand
- Fire pump shutoff head should not exceed 140% of the nominal value
- Recommended the maximum system demand flow correlate to a point on pump curve between 90% to 140% of the pump capacity



PS

MODEL CODE

For example

PS (PSM) 50 - 250 / 220

- 220**=Rated power(kw)x10
- 250**=Nominal impeller size(mm) (mm)
- 250H**=High flow type
- 50**=Discharge (mm)
- PSM**=End suction pump with motor&base
- PSBM**=End suction pump with motor&base (in type B bearing house)
- PS**=End suction pump only
- PSB**=End suction pump only (in type B bearing house)



50Hz n=2900 r/min

MODEL	DN	Implr Φ	Power		Q=DELIVERY																			
					us gpm	0	26	40	66	79	106	119	159	185	211	238	317	370	396	476	529	608	793	925
					l/min	0	100	150	250	300	400	450	600	700	800	900	1200	1400	1500	1800	2000	2300	3000	3500
					m³/h	0	6	9	15	18	24	27	36	42	48	54	72	84	90	108	120	138	180	210
					H=Head (m)																			
PS 32-160/15	50x32	142	1.5	2	25.4	23.7	22.5	18.5	15.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PS 32-160/22	50x32	158	2.2	3	31	29.6	28.5	24.5	22	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PS 32-160/30	50x32	168	3	4	35	34.3	32.5	28	25.5	19	15	-	-	-	-	-	-	-	-	-	-	-	-	-
PS 32-200/30	50x32	190	3	4	44.2	42	39.8	35.2	32.2	24.6	19.8	-	-	-	-	-	-	-	-	-	-	-	-	-
PS 32-200/40	50x32	204	4	5.5	54.5	52	50	45.5	42.3	35	30.3	-	-	-	-	-	-	-	-	-	-	-	-	-
PS 32-250/55	50x32	208	5.5	7.5	60	59.5	59	55	50.2	34.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PS 32-250/75	50x32	230	7.5	10	69.5	69	68.5	66	63	53	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PS 32-250/92	50x32	237	9.2	12.5	75	75	74.5	72	69	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PS 32-250/110	50x32	250	11	15	90	89.5	88	82	78	66	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PS 32-250/150	50x32	258	15	20	97	96.5	96	90	86	73	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PS 40-160/30	65x40	160	3	4	31.8	-	-	-	29.5	27.5	26.3	21.5	17.5	-	-	-	-	-	-	-	-	-	-	-
PS 40-160/40	65x40	170	4	5.5	38	-	-	-	36	34	33	28.5	25	20.1	-	-	-	-	-	-	-	-	-	-
PS 40-200/55	65x40	195	5.5	7.5	46	-	-	-	43.8	41.3	40.1	35	30	-	-	-	-	-	-	-	-	-	-	-
PS 40-200/75	65x40	209	7.5	10	57	-	-	-	53.6	51.5	50	45	41	36.5	-	-	-	-	-	-	-	-	-	-
PS 40-250/92	65x40	224	9.2	12.5	64	-	-	-	59	56.5	55	49.5	45	39.8	-	-	-	-	-	-	-	-	-	-
PS 40-250/110	65x40	230	11	15	72	-	-	-	67.5	65	63.5	57.5	52.2	47	-	-	-	-	-	-	-	-	-	-
PS 40-250/150	65x40	250	15	20	84.5	-	-	-	79.3	77.3	75.2	70	66	61	-	-	-	-	-	-	-	-	-	-
PS 40-250/185	65x40	258	18.5	25	90	-	-	-	85.5	82.8	80.7	75.8	70.5	66.5	-	-	-	-	-	-	-	-	-	-
PS 50-125/22	65x50	123	2.2	3	17	-	-	-	-	-	-	15.4	14	12.8	11.5	6.5	-	-	-	-	-	-	-	-
PS 50-125/30	65x50	130	3	4	20	-	-	-	-	-	-	18.8	18	17	15.6	11	-	-	-	-	-	-	-	-
PS 50-125/40	65x50	139	4	5.5	24	-	-	-	-	-	-	23.1	23	21.5	20.3	15.8	11.8	-	-	-	-	-	-	-
PS 50-160/55	65x50	158	5.5	7.5	32	-	-	-	-	-	-	30.6	30	28	26.6	20.5	14.8	-	-	-	-	-	-	-
PS 50-160/75	65x50	170	7.5	10	40	-	-	-	-	-	-	38	37	36	34.4	29	24	21	-	-	-	-	-	-
PS 50-200/92	65x50	195	9.2	12.5	50.5	-	-	-	-	-	-	46.8	45	43	40.9	32.5	26.7	-	-	-	-	-	-	-
PS 50-200/110	65x50	204	11	15	57.5	-	-	-	-	-	-	53.5	52	50	47.5	40	34	29	-	-	-	-	-	-
PS 50-200/150	65x50	209	15	20	62	-	-	-	-	-	-	58	56.5	54.5	52	44.5	39	35.5	-	-	-	-	-	-
PS 50-250/150	65x50	228	15	20	68.5	-	-	-	-	-	-	64	63	61.5	59	50	41	-	-	-	-	-	-	-
PS 50-250/185	65x50	235	18.5	25	79	-	-	-	-	-	-	75.8	74.8	74	71.5	63.5	55.5	47	-	-	-	-	-	-
PS 50-250/220	65x50	250	22	30	89.5	-	-	-	-	-	-	86	85.3	84	81.5	73.5	63.5	57	-	-	-	-	-	-
PS 50-250/300	65x50	258	30	40	95.5	-	-	-	-	-	-	92	91.3	90	87.5	79.5	70	63	-	-	-	-	-	-
PS 65-125/40	80x65	122	4	5.5	19	-	-	-	-	-	-	-	-	17.3	16.8	14.5	13	11.8	-	-	-	-	-	-
PS 65-125/55	80x65	132	5.5	7.5	23	-	-	-	-	-	-	-	-	21.3	20.9	19	17.5	16.7	13.7	-	-	-	-	-
PS 65-125/75	80x65	142	7.5	10	27	-	-	-	-	-	-	-	-	26	25.6	24.5	23	22.5	20	18	-	-	-	-
PS 65-160/92	80x65	155	9.2	12.5	33	-	-	-	-	-	-	-	-	-	31.5	30	28	27.1	24	21.5	-	-	-	-
PS 65-160/110	80x65	164	11	15	36	-	-	-	-	-	-	-	-	-	34.5	33	31.5	30.8	28	25.5	-	-	-	-
PS 65-160/150	80x65	183	15	20	42	-	-	-	-	-	-	-	-	-	41	40	38.5	37.8	35	33	29.5	-	-	-
PS 65-200/150	80x65	190	15	20	45	-	-	-	-	-	-	-	-	-	45.5	43	41	40.2	36.5	34	-	-	-	-
PS 65-200/185	80x65	198	18.5	25	52	-	-	-	-	-	-	-	-	-	52.3	51	49	48.2	44.5	42	-	-	-	-
PS 65-200/220	80x65	212	22	30	59	-	-	-	-	-	-	-	-	-	59.5	58	56	55	52	49.5	44.5	-	-	-
PS 65-250/220	80x65	225	22	30	64.8	-	-	-	-	-	-	-	-	-	64.7	62	60	58.5	53	50	-	-	-	-
PS 65-250/300	80x65	244	30	40	80	-	-	-	-	-	-	-	-	-	79.8	77.5	75.5	74.5	70	66	58	-	-	-
PS 65-250/370	80x65	258	37	50	92	-	-	-	-	-	-	-	-	-	90.5	88.5	87	85	80.5	78	68	-	-	-
PS 65-315/450	80x65	262	45	60	102	-	-	-	-	-	-	-	-	-	99.2	97	95	94.5	92.4	90	83	-	-	-
PS 65-315/550	80x65	290	55	75	122	-	-	-	-	-	-	-	-	-	119.2	117.4	115.7	114.5	112.5	110	103	76	-	-
PS 65-315/750	80x65	317	75	100	141	-	-	-	-	-	-	-	-	-	139.8	137.3	135.6	134.5	132.5	130	122	96	65.5	-
PS 65-315/900	80x65	328	90	125	151	-	-	-	-	-	-	-	-	-	149.8	147.3	145.6	144.5	142.5	140	132	106	75.5	-
PS 80-125/40	100x80	122	4	5.5	17	-	-	-	-	-	-	-	-	16.5	15.9	14.3	13.5	11.6	10	7.5	-	-	-	-
PS 80-125/55	100x80	132	5.5	7.5	21	-	-	-	-	-	-	-	-	20.5	20	19	18	16.5	15	12.5	9.5	-	-	-
PS 80-125/75	100x80	142	7.5	10	26	-	-	-	-	-	-	-	-	25	25	24.5	23.8	22.5	21.5	19.5	16.5	-	-	-
PS 80-160/110	100x80	160	11	15	28	27	27.3	24.5	21.1	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PS 80-160/150	100x80	168	15	20	34	32.6	32.5	30.2	27	12.1	18.5	16.7	-	-	-	-	-	-	-	-	-	-	-	-
PS 80-160/185	100x80	180	18.5	25	39	38.5	39	36.7	33.6	24.8	25.3	23.5	-	-	-	-	-	-	-	-	-	-	-	-
PS 80-160/220	100x80	190	22	30	44	43.5	43	41.7	38.6	33.8	30.3	28.5	-	-	-	-	-	-	-	-	-	-	-	-
PS 80-200/220	100x80	190	22	30	48	47.7	47.5	43.5	39.2	32.5	27.2	24.5	-	-	-	-	-	-	-	-	-	-	-	-



50Hz n=2900 r/min

MODEL	DN	Implr Φ	Power		Q=DELIVERY																			
					us	0	264	396	529	634	793	881	925	969	1057	1233	1322	1586	1762	2203	2643	2907	3524	4405
					/min	0	1000	1500	2000	2400	3000	3333	3500	3667	4000	4667	5000	6000	6667	8333	10000	11000	13333	16667
					m³/h	0	60	90	120	144	180	200	210	220	240	280	300	360	400	500	600	660	800	1000
	mm	mm	kw	hp	H=Head																			
PS 80-200/300	100x80	215	30	40	60	59.7	59.5	57	53.1	47	42.7	40.5	-	-	-	-	-	-	-	-	-	-	-	-
PS 80-250/370	100x80	226	37	50	71.5	70.9	70.5	65.5	59.3	51	43.2	38.5	-	-	-	-	-	-	-	-	-	-	-	-
PS 80-250/450	100x80	240	45	60	88	86.7	86	83.6	78.5	70.5	60	51	-	-	-	-	-	-	-	-	-	-	-	-
PS 80-250/550	100x80	258	55	75	94.5	94.5	94.5	91.8	87	79.5	72.1	68.3	-	-	-	-	-	-	-	-	-	-	-	-
PS 80-250/750	100x80	276	75	100	108.5	108.5	108.5	105.8	101	93.5	86.1	82.3	-	-	-	-	-	-	-	-	-	-	-	-
PS 80-315/450	100x80	255	45	60	85	84	82.6	82	78	68.3	61	56	-	-	-	-	-	-	-	-	-	-	-	-
PS 80-315/550	100x80	270	55	75	98	97	95.6	95	91	81.3	74	69	-	-	-	-	-	-	-	-	-	-	-	-
PS 80-315/750	100x80	295	75	100	124	123	121.6	121	117	107.3	100	95	90	80.8	-	-	-	-	-	-	-	-	-	-
PS 80-315/900	100x80	320	90	125	144	143	141.6	141	137	127.3	120	115	110	100.8	-	-	-	-	-	-	-	-	-	-
PS 80-315/1100	100x80	328	110	150	153	152	150.6	150	146	136.3	129	124	119	109.8	-	-	-	-	-	-	-	-	-	-
PS 100-160/150	125x100	167	15	20	35	33.5	32.5	30	27.8	24.5	21.5	20	18.3	15	-	-	-	-	-	-	-	-	-	-
PS 100-160/185	125x100	176	18.5	25	38.5	37.5	36.5	34.3	32.2	29	25.7	24	22	18	-	-	-	-	-	-	-	-	-	-
PS 100-160/220	125x100	190	22	30	43	41	40	37.6	35.2	31.5	28.5	27	25.3	22	-	-	-	-	-	-	-	-	-	-
PS 100-200/220	125x100	185	22	30	38.5	36.7	35.7	33.8	31.7	28.5	26.8	26	25	22.9	16.3	13	-	-	-	-	-	-	-	-
PS 100-200/300	125x100	195	30	40	44.5	42.5	42	40.2	38.8	36.7	34.2	33	31.7	29	21.7	18	-	-	-	-	-	-	-	-
PS 100-200/370	125x100	208	37	50	55	53	51	50.6	49.2	47	45	44	42.8	40.5	32.8	29	-	-	-	-	-	-	-	-
PS 100-200/450	125x100	218	45	60	61	59	57	56.6	55.2	53	51	50	48.8	46.5	38.8	35	-	-	-	-	-	-	-	-
PS 100-250/450	125x100	220	45	60	65	65	64	63	61	58	56	55	53.3	50	39	33.5	-	-	-	-	-	-	-	-
PS 100-250/550	125x100	240	55	75	77	76	75.5	75	73.8	72	71.7	71.5	70.7	69	62.3	59	-	-	-	-	-	-	-	-
PS 100-250/750	125x100	257	75	100	91	91	90.5	89.7	88	85.5	84	83.3	81.5	78	71.7	68.5	48	-	-	-	-	-	-	-
PS 100-250/900	125x100	270	90	125	100	100	99.5	98.7	97	94.5	93	92.3	90.5	87	80.7	77.5	57	-	-	-	-	-	-	-
PS 100-315/750	125x100	255	75	100	80	-	-	78.5	76.7	74	73	72.8	72.5	70.7	68	64	52	-	-	-	-	-	-	-
PS 100-315/900	125x100	280	90	125	100	-	-	98.5	96.7	94	93	92.8	92.5	90.7	88	84	72	-	-	-	-	-	-	-
PS 100-315/1100	125x100	300	110	150	118	-	-	116.5	114.7	112	111	110.8	110.5	108.7	106	102	90	-	-	-	-	-	-	-
PS 100-315/1320	125x100	315	132	180	129	-	-	127.5	125.7	123	122	121.8	121.5	119.7	117	112	101	-	-	-	-	-	-	-
PS 100-315/1600	125x100	328	160	220	148	-	-	146.5	144.7	142	141	140.8	140.5	138.7	136	132	120	-	-	-	-	-	-	-
PS 125-200/450	150x125	190	45	60	39.8	-	-	39.3	39.2	39	38.9	38.9	38.8	37.5	35	34	28.6	25	-	-	-	-	-	-
PS 125-200/550	150x125	205	55	75	50.5	-	-	49.3	49.2	49	48.9	48.9	48.8	47.5	45	44	38.6	35	-	-	-	-	-	-
PS 125-200/750	150x125	218	75	100	61.5	-	-	60.3	60.2	60	59.9	59.9	59.8	58.5	56	55	49.6	46	-	-	-	-	-	-
PS 125-250/550	150x125	240	55	75	70	-	-	67	66	64	63	62	61	59.5	54	50.5	-	-	-	-	-	-	-	-
PS 125-250/750	150x125	255	75	100	80	-	-	76.5	75.5	74	73	72	71.5	70	67	65	56	-	-	-	-	-	-	-
PS 125-250/900	150x125	265	90	125	87	-	-	84	82.5	81	79.5	79	78	77	73.5	71.5	65	60	-	-	-	-	-	-
PS 125-250/1100	150x125	274	110	150	97	-	-	94	92.8	91	90	89.3	88.7	87.4	84	83.5	76	71	-	-	-	-	-	-
PS 125-250H/900	150x125	220	90	125	63.2	-	-	62.4	62	61.6	61.2	61.2	61.2	60.8	60	59.6	57.2	55.2	47.2	-	-	-	-	-
PS 125-250H/1100	150x125	240	110	150	74	-	-	73.2	72.8	72.4	72	72	72	71.6	70.8	70.4	68	66	58	49.6	-	-	-	-
PS 125-250H/1320	150x125	260	132	180	84	-	-	83.2	82.8	82.4	82	82	82	81.6	80.8	80.4	78	76	68	59.6	-	-	-	-
PS 125-250H/1600	150x125	280	160	220	98	-	-	97.2	96.8	96.4	96	96	96	95.6	94.8	94.4	92	90	82	73.6	67.6	-	-	-
PS 125-315/1320	150x125	280	132	180	96	-	-	-	-	-	95.2	95.1	95	94.8	94	93.5	91.8	88.5	76	-	-	-	-	-
PS 125-315/1600	150x125	295	160	220	112	-	-	-	-	-	111.2	111.1	111	110.8	110	109.5	107.8	106	97.5	80	-	-	-	-
PS 125-315/1850	150x125	310	185	250	125	-	-	-	-	-	124.2	124.1	124	123.8	123	122.5	120.8	119	109	90	-	-	-	-
PS 125-315/2000	150x125	328	200	270	136	-	-	-	-	-	135.2	135.1	135	134.8	134	133.5	131.8	130	120	101	-	-	-	-
PS 150-200/750	200x150	205	75	100	50	-	-	-	-	-	-	-	48	47.9	47.6	47.2	45.8	44.6	41	35.5	30.5	-	-	-
PS 150-200/900	200x150	217	90	125	56	-	-	-	-	-	-	-	54	53.9	53.6	53.2	52.7	52.4	48	42.8	39.2	30	-	-
PS 150-200/1100	200x150	235	110	150	65.2	-	-	-	-	-	-	-	62	61.7	61.2	60.8	59.8	59.2	57.2	54	51.6	42	-	-
PS 150-200/1320	200x150	245	132	180	71	-	-	-	-	-	-	-	68.5	67.7	67.2	66.8	65.8	65.2	63.2	60	57.6	48	-	-
PS 150-200/1600	200x150	258	160	220	77	-	-	-	-	-	-	-	74	74	73.2	72.8	71.8	71.2	69.2	66	63.6	54	-	-
PS 150-250/1100	200x150	242	110	150	67	-	-	-	-	-	-	-	-	-	-	63	61.7	60	55.8	51.8	48	37.8	-	-
PS 150-250/1320	200x150	265	132	180	80.2	-	-	-	-	-	-	-	-	-	-	78	76.3	73.5	70	65	62	53	37.8	-
PS 150-250/1600	200x150	280	160	220	90	-	-	-	-	-	-	-	-	-	-	88	86	85	82	77.2	75	66	48	-
PS 150-250/2000	200x150	295	200	270	100	-	-	-	-	-	-	-	-	-	-	97	96	95	92	87.2	85	76	57	-
PS 150-315/1850	200x150	287	185	250	92	-	-	-	-	-	-	-	-	-	-	90	88.3	87.2	82.8	77.8	72	60	-	-
PS 150-315/2500	200x150	305	250	340	111	-	-	-	-	-	-	-	-	-	-	110	108	106	102	96	92	81	62.2	-
PS 150-315/2800	200x150	315	280	380	124	-	-	-	-	-	-	-	-	-	-	121	119	118	114	109	105	94	73.6	-
PS 150-315/3150	200x150	327	315	430	135	-	-	-	-	-	-	-	-	-	-	134	133	132	128	122	118	106	85	-

50Hz n=1450 r/min

MODEL	DN	Implr Φ	Power		Q=DELIVERY																		
					us gpm	0	106	119	132	159	185	198	220	264	317	370	396	423	476	617	661	881	1101
					l/min	0	400	450	500	600	700	750	833	1000	1200	1400	1500	1600	1800	2333	2500	3333	4167
					m³/h	0	24	27	30	36	42	45	50	60	72	84	90	96	108	140	150	200	250
					H=Head (m)																		
PS4 65-160/11	80x65	155	1.1	1.5	8	7.5	7.4	7.3	7	6.6	6.3	5.8	4.8	3.4	-	-	-	-	-	-	-	-	
PS4 65-160/15	80x65	164	1.5	2	9	8.5	8.4	8.3	8	7.6	7.4	6.9	6	4.6	-	-	-	-	-	-	-	-	
PS4 65-160/22	80x65	183	2.2	3	10.3	9.9	9.9	9.8	9.5	9.2	9	8.6	7.8	6.5	5	-	-	-	-	-	-	-	
PS4 65-200/15	80x65	190	1.5	2	10	-	-	9.6	9.1	8.5	8.2	7.6	6.4	4.6	-	-	-	-	-	-	-	-	
PS4 65-200/22	80x65	198	2.2	3	12.4	-	-	12.2	11.8	11.3	11	10.4	9.3	7.6	-	-	-	-	-	-	-	-	
PS4 65-200/30	80x65	212	3	4	14.4	-	-	14.3	13.8	13.4	13.1	12.5	11.3	9.6	7.5	-	-	-	-	-	-	-	
PS4 65-250/30	80x65	225	3	4	15.4	-	-	14.6	13.9	13.1	12.6	11.6	9.7	6.7	-	-	-	-	-	-	-	-	
PS4 65-250/40	80x65	244	4	5.5	19	-	-	18.3	17.8	17.2	16.9	16.1	14.4	11.7	-	-	-	-	-	-	-	-	
PS4 65-250/55	80x65	258	5.5	7.5	22.3	-	-	21.3	20.9	20.3	19.9	19.2	17.7	15.1	12	-	-	-	-	-	-	-	
PS4 65-315/40	80x65	262	4	5.5	18.6	-	-	17.9	17.3	16.7	16.2	15.2	13.3	-	-	-	-	-	-	-	-	-	
PS4 65-315/55	80x65	280	5.5	7.5	22.1	-	-	-	21.2	20.6	20.2	19.2	17.3	14	-	-	-	-	-	-	-	-	
PS4 65-315/75	80x65	300	7.5	10	26.5	-	-	-	25.6	25.2	24.9	24.3	23	20.8	17.6	-	-	-	-	-	-	-	
PS4 65-315/110	80x65	322	11	15	34.8	-	-	-	34.2	33.9	33.7	33.2	32.1	30.2	27.4	25.6	23.7	18.7	-	-	-	-	
PS4 65-315/150	80x65	328	15	20	40	-	-	-	39.4	39.1	38.9	38.4	37.3	35.4	32.6	30.8	28.9	23.9	-	-	-	-	
PS4 80-160/15	100x80	168	1.5	2	7.5	-	-	-	-	-	7.1	6.9	6.4	5.5	4.6	4.1	3.5	-	-	-	-	-	
PS4 80-160/22	100x80	190	2.2	3	9	-	-	-	-	-	8.6	8.4	8	7.4	6.6	6.2	5.7	5	-	-	-	-	
PS4 80-200/30	100x80	190	3	4	11.8	-	-	-	-	-	11	10.7	10.1	9.2	8	7.3	6.6	-	-	-	-	-	
PS4 80-200/40	100x80	215	4	5.5	14.2	-	-	-	-	-	13.8	13.6	13.3	12.4	11.3	10.7	10	9	-	-	-	-	
PS4 80-250/40	100x80	226	4	5.5	17	-	-	-	-	-	16	15.6	14.8	13.2	11.4	10.2	9	-	-	-	-	-	
PS4 80-250/55	100x80	240	5.5	7.5	20.5	-	-	-	-	-	19.5	19.1	18.4	17.2	15.5	14.5	13.5	11.1	-	-	-	-	
PS4 80-250/75	100x80	258	7.5	10	24	-	-	-	-	-	23.5	23.2	22.5	21.3	19.9	19	18.1	16	-	-	-	-	
PS4 80-250/110	100x80	276	11	15	28.2	-	-	-	-	-	27.5	27.2	26.5	25.3	23.9	23	22.1	20	15	-	-	-	
PS4 80-315/55	100x80	255	5.5	7.5	19.7	-	-	-	-	-	19.1	18.8	18.1	16.8	15	13.9	12.8	10.1	-	-	-	-	
PS4 80-315/75	100x80	270	7.5	10	24.6	-	-	-	-	-	23.9	23.6	23	21.9	20.4	19.5	18.6	16.3	-	-	-	-	
PS4 80-315/110	100x80	290	11	15	29.9	-	-	-	-	-	29.4	29.2	28.8	28.1	27	26.3	25.5	23.6	16.5	13.5	-	-	
PS4 80-315/150	100x80	328	15	20	36.8	-	-	-	-	-	36.4	36.1	35.6	34.7	33.6	33	32.4	30.9	25.3	23	-	-	
PS4 80-400/185	100x80	335	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	-	-	
PS4 80-400/220	100x80	355	22	30	45.1	-	-	-	-	-	44.6	44.5	44.2	43.6	42.6	42	41.4	39.8	33.4	30.7	-	-	
PS4 80-400/300	100x80	386	30	40	55.1	-	-	-	-	-	54.7	54.6	54.4	54	53.3	52.8	52.2	50.9	45.4	43.2	-	-	
PS4 80-400/370	100x80	396	37	50	59	-	-	-	-	-	58.7	58.6	58.4	58	57.3	56.8	56.2	54.9	49.4	47.2	37.5	-	
PS4 100-160/22	125x100	140	2.2	3	5.9	-	-	-	-	-	5.8	5.7	5.5	5.3	5	4.9	4.6	4.3	-	-	-	-	
PS4 100-160/30	125x100	165	3	4	8.2	-	-	-	-	-	8.1	8	7.9	7.6	7.3	7.2	6.9	6.5	5.1	-	-	-	
PS4 100-160/40	125x100	190	4	5.5	11.5	-	-	-	-	-	11.5	11.4	11.2	10.9	10.6	10.5	10.2	9.8	8.4	7.8	-	-	
PS4 100-200/40	125x100	185	4	5.5	11.8	-	-	-	-	-	11.7	11.6	11.4	11	10.5	10.3	9.7	9.1	6.8	5.9	-	-	
PS4 100-200/55	125x100	195	5.5	7.5	13.3	-	-	-	-	-	13.2	13.2	13	12.7	12.4	12.3	12	11.5	9.6	8.8	5.7	-	
PS4 100-200/75	125x100	210	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	7.2	-	
PS4 100-200/92	125x100	218	9.2	12.5	16.5	-	-	-	-	-	16.4	16.4	16.2	15.9	15.6	15.5	15.2	14.7	12.8	12	8.9	-	
PS4 100-250/55	125x100	220	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	-	-	
PS4 100-250/75	125x100	240	7.5	10	19.5	-	-	-	-	-	19.5	19.4	19.2	18.8	18.3	18.1	17.6	16.9	14	12.7	-	-	
PS4 100-250/110	125x100	257	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	-	
PS4 100-250/150	125x100	270	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	-	
PS4 100-315/150	125x100	280	15	20	28	-	-	-	-	-	-	27.8	27.6	27.2	26.9	26.7	26.2	25.6	23.1	22.1	14.9	-	
PS4 100-315/185	125x100	300	18.5	25	31	-	-	-	-	-	-	30.8	30.6	30.2	29.9	29.7	29.2	28.6	26.1	25.1	17.9	-	
PS4 100-315/220	125x100	315	22	30	35	-	-	-	-	-	-	34.4	34.2	33.8	33.5	33.3	32.8	32.2	30	29	24	17.3	
PS4 100-315/300	125x100	328	30	40	37	-	-	-	-	-	-	36.8	36.7	36.4	36.1	35.9	35.5	35.1	33.2	32.4	28	21.3	
PS4 100-400/300	125x100	358	30	40	46.4	-	-	-	-	-	-	-	46	46	46	46	45	44	42	40	29.6	-	
PS4 100-400/370	125x100	378	37	50	51.8	-	-	-	-	-	-	-	-	51.3	51.2	51.1	51	50.5	49.5	47.5	46	37.3	
PS4 100-400/450	125x100	396	45	60	57.1	-	-	-	-	-	-	-	-	56.7	56.4	56.1	56	56	55	53	52	45	
PS4 100-400/550	125x100	420	55	75	64	-	-	-	-	-	-	-	-	63.7	63.4	63.1	63	63	62	60	59	52	



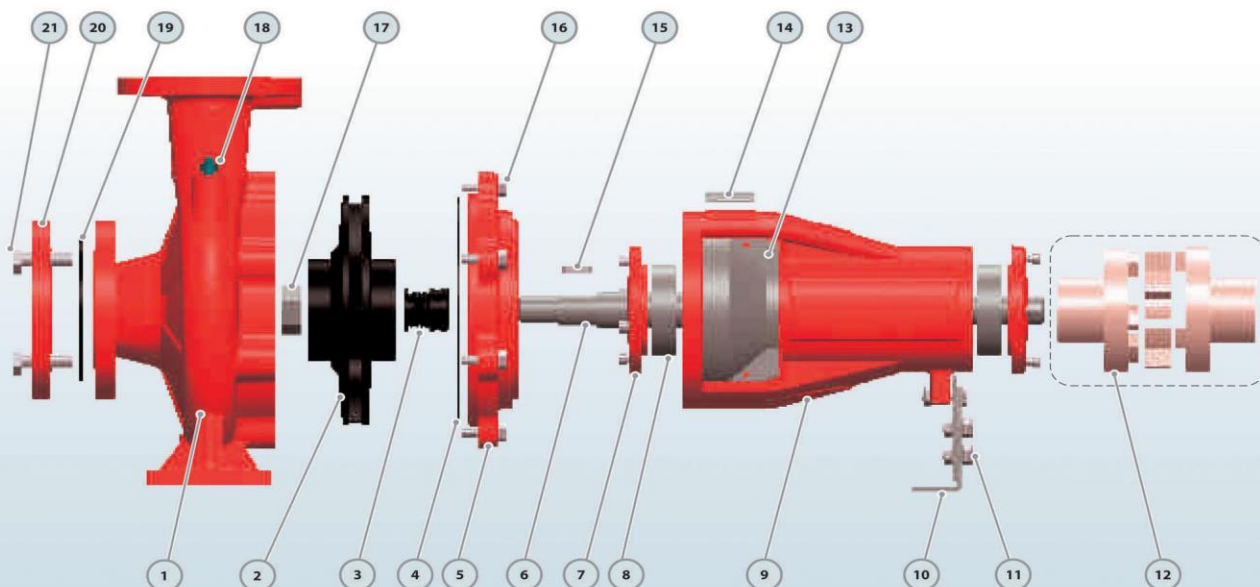
50Hz n=1450 r/min

MODEL	DN	Implr Φ	Power		Q=DELIVERY																	
					us gpm	0	132	154	176	220	264	396	441	485	617	661	881	1101	1322	1762	2203	2643
					l/min	0	500	583	667	833	1000	1500	1667	1833	2333	2500	3333	4167	5000	6667	8333	10000
					m³/h	0	30	35	40	50	60	90	100	110	140	150	200	250	300	400	500	600
					H=Head (m)																	
PS4 125-200/55	150x125	190	5.5	7.5	11.4	11.1	11.1	11	10.9	10.8	10.2	10	9.7	8.9	8.6	6.9	-	-	-	-	-	
PS4 125-200/75	150x125	205	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	-	-	-	-	-	
PS4 125-200/110	150x125	218	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	-	-	-	-	
PS4 125-250/75	150x125	215	7.5	10	15.4	-	-	-	-	15.3	15	14.8	14.6	13.6	13.1	-	-	-	-	-	-	
PS4 125-250/110	150x125	240	11	15	19.4	-	-	-	-	19.3	19.1	19	18.9	18.1	17.8	15.3	11.7	-	-	-	-	
PS4 125-250/150	150x125	265	15	20	23.2	-	-	-	-	23.3	23.1	23	22.9	22	22	19.8	16.5	12.3	-	-	-	
PS4 125-250/185	150x125	274	18.5	25	25.6	-	-	-	-	25.5	25.5	25.4	25.3	24.9	24.7	23	20.3	16.5	-	-	-	
PS4 125-315/185	150x125	280	18.5	25	27.3	-	-	-	-	-	-	26.9	26.7	25.9	25.6	23.3	19.7	14.9	-	-	-	
PS4 125-315/220	150x125	295	22	30	30	-	-	-	-	-	-	29.7	29.6	28.9	28.6	26.5	23.2	18.4	-	-	-	
PS4 125-315/300	150x125	310	30	40	35.6	-	-	-	-	-	-	35.4	35.3	34.8	34.6	32.9	30.1	26.1	-	-	-	
PS4 125-315/370	150x125	328	37	50	38.2	-	-	-	-	-	-	38	37.9	37.4	37.2	35.7	33.1	29.4	17.8	-	-	
PS4 125-400/300	150x125	350	30	40	41	-	-	-	-	-	41	40.5	40.3	39.2	38.6	34.4	27.5	18.3	-	-	-	
PS4 125-400/370	150x125	370	37	50	46.2	-	-	-	-	-	46	45.7	45.5	44.6	44.2	40.7	34.8	26.5	-	-	-	
PS4 125-400/450	150x125	390	45	60	51.4	-	-	-	-	-	51	50.9	50.8	50.1	49.8	47	42.2	34.8	-	-	-	
PS4 125-400/550	150x125	410	55	75	56.5	-	-	-	-	-	56.3	56.3	56.2	55.9	55.7	53.8	50.3	44.7	26.7	-	-	
PS4 125-400/750	150x125	425	75	100	64.5	-	-	-	-	-	64.3	64.3	64.2	63.9	63.7	61.8	58.3	52.7	34.7	-	-	
PS4 125-400/900	150x125	440	90	125	70	-	-	-	-	-	69.8	69.8	69.7	69.4	69.2	67.3	63.8	58.2	40.2	-	-	
PS4 150-200/110	200x150	225	11	15	14	-	-	-	-	-	-	-	13.5	13.4	13.3	13.1	12.9	11.7	7.8	-	-	
PS4 150-200/150	200x150	240	15	20	16.3	-	-	-	-	-	-	-	15.5	15.3	15.2	14.8	14.3	13.5	11.1	-	-	
PS4 150-200/185	200x150	250	18.5	25	18.3	-	-	-	-	-	-	-	17.5	17.3	17.2	16.8	16.3	15.5	13.1	10	-	
PS4 150-200/220	200x150	258	22	30	20.3	-	-	-	-	-	-	-	19.5	19.3	19.2	18.8	18.3	17.5	15.1	12	-	
PS4 150-250/150	200x150	242	15	20	17.5	-	-	-	-	-	-	-	-	-	16.8	15.9	14.7	13.2	9.2	-	-	
PS4 150-250/185	200x150	265	18.5	25	21.3	-	-	-	-	-	-	-	-	-	20.8	20	18.9	17.5	13.8	8.7	-	
PS4 150-250/220	200x150	280	22	30	24	-	-	-	-	-	-	-	-	-	23.6	23	22	20.8	17.1	12	-	
PS4 150-250/300	200x150	295	30	40	25.5	-	-	-	-	-	-	-	-	-	25	24.5	23.5	22	18.8	13.8	-	
PS4 150-315/300	200x150	287	30	40	30.2	-	-	-	-	-	-	-	-	-	29.7	29	27.9	26.4	22.3	-	-	
PS4 150-315/370	200x150	305	37	50	33.6	-	-	-	-	-	-	-	-	-	33.5	32.7	31.7	30.4	26.7	21.4	-	
PS4 150-315/450	200x150	327	45	60	37.7	-	-	-	-	-	-	-	-	-	37.6	36.9	35.9	34.7	31.3	26.5	-	
PS4 150-315/550	200x150	340	55	75	40	-	-	-	-	-	-	-	-	-	40	39.3	38.4	37.2	33.9	29.4	-	
PS4 150-315/750	200x150	365	75	100	47	-	-	-	-	-	-	-	-	-	47	46.3	45.4	44.2	40.9	36.4	29	
PS4 150-400/550	200x150	360	55	75	48.2	-	-	-	-	-	-	-	-	47.7	48	46	45	42	36.8	29.2	-	
PS4 150-400/750	200x150	385	75	100	55.4	-	-	-	-	-	-	-	-	55	55	54	53	51	47	41	32.2	
PS4 150-400/900	200x150	400	90	125	59.5	-	-	-	-	-	-	-	-	59	59	58	57	56	52	46	37.7	
PS4 150-400/1100	200x150	420	110	150	65.5	-	-	-	-	-	-	-	-	65	65	64	63	62	58	52	43.7	
PS4 150-400/1320	200x150	440	132	180	72	-	-	-	-	-	-	-	-	71.5	71.5	70.5	69.5	68.5	64.5	58.5	50.2	

MODEL	DN	Implr Φ	Power		Q=DELIVERY																
					us gpm	0	881	1322	1762	2203	2643	3084	3524	3965	4405	4846	5286	5727	6167	6608	
					l/min	0	3333	5000	6667	8333	10000	11667	13333	15000	16667	18333	20000	21667	23333	25000	
					m³/h	0	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	
					H=Head (m)																
PS4 200-250/370	250x200	270	37	50	23	22	21	19.8	18.3	16.1	12.8	9.3	-	-	-	-	-	-	-		
PS4 200-250/450	250x200	290	45	60	26	25	24	22.8	21.3	19.1	15.8	12.3	-	-	-	-	-	-	-		
PS4 200-250/550	250x200	310	55	75	30.7	29.7	28.7	27.5	26	23.8	20.5	17	-	-	-	-	-	-	-		
PS4 200-315/550	250x200	310	55	75	31.1	31	30	29.3	27.5	25	21.3	16	-	-	-	-	-	-	-		
PS4 200-315/750	250x200	330	75	100	35.1	35	34	33.3	31.5	29	25.3	20	-	-	-	-	-	-	-		
PS4 200-315/900	250x200	360	90	125	42.1	42	41	40.3	38.5	36	32.3	27	-	-	-	-	-	-	-		
PS4 200-400/750	250x200	350	75	100	41	40.9	40.4	38.9	37.4	34.9	32.9	28.9	-	-	-	-	-	-	-		
PS4 200-400/900	250x200	370	90	125	46.5	46.4	45.9	44.4	42.9	40.4	38.4	34.4	-	-	-	-	-	-	-		
PS4 200-400/1100	250x200	395	110	150	52.4	52.3	51.8	50.3	48.8	46.3	44.3	40.3	-	-	-	-	-	-	-		
PS4 200-400/1320	250x200	420	132	180	60.1	60	59.5	58	56.5	54	52	48	40	-	-	-	-	-	-		
PS4 250-315/900	300x250	320	90	125	30.5	-	-	29	28.3	28	27.6	27	26.4	25.8	24.8	23	21.8	-	-		
PS4 250-315/1100	300x250	340	110	150	34.5	-	-	33	32.3	32	31.6	31	30.4	29.8	28.8	27	25.8	-	-		
PS4 250-315/1320	300x250	360	132	180	38.5	-	-	37	36.3	36	35.6	35	34.4	33.8	32.8	31	29.8	28	-		
PS4 250-315/1600	300x250	390	160	220	45	-	-	43.5	42.8	42.5	42.1	41.5	40.9	40.3	39.3	37.5	36.3	34.5	-		
PS4 250-400/1600	300x250	365	160	220	43	-	-	42	41.2	40.8	40	39	38	37	36	34	32.5	30	-		
PS4 250-400/1850	300x250	380	185	250	47	-	-	46	45.2	44.8	44	43	42	41	40	38	36.5	34	-		
PS4 250-400/2000	300x250	400	200	270	53	-	-	52	51.2	50.8	50	49	48	47	46	44	42.5	40	38		
PS4 250-400/2200	300x250	420	220	300	58	-	-	57	56.2	55.8	55	54	53	52	51	49	47.5	45	43		
PS4 250-400/2500	300x250	448	250	340	66	-	-	65	64.2	63.8	63	62	61	60	59	57	55.5	53	51		



MATERIAL DESCRIPTION



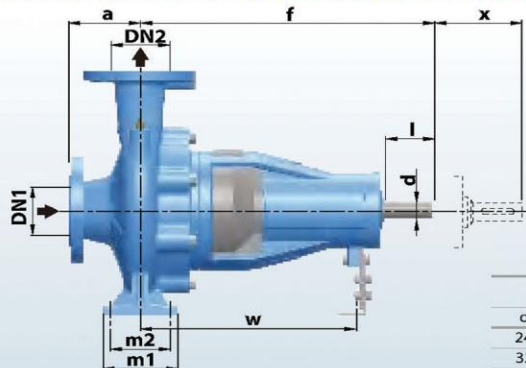
No.	Description	Material
1	Pump Case	Cast iron
2	Impeller	SS304/Cast iron Bronze
3	Mechanical Seal	SiC/Carbon/SS304
4	O-ring	Rubber
5	Connection	Cast iron
6	Shaft	SS304/45# Steel
7	Bearing Cover	Cast iron

No.	Description	Material
8	Bearing	Ball Bearing
9	Support Case	Cast iron
10	Support Foot	Iron
11	Foot Bolt	Steel
12	Coupling(Optional)	Steel
13	Case Cover	SS304
14	Nameplate	Aluminum

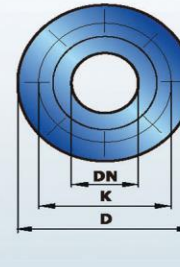
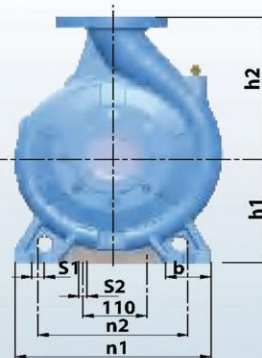
No.	Description	Material
15	Impeller Key	Iron
16	Connection Bolt	Steel
17	Impeller Nut	Galvanized Steel
18	Release Valve	Brass
19	Gasket	Rubber
20	Counter Flange	Galvanized Cast iron
21	Flange Bolt	Steel



DIMENSIONS AND WEIGHT/DIMENSIONES Y PESOS/DIMENSIONS ET POIDS



mm		
d	u	t
24	8	27
32	10	35
42	12	45
60	18	64



DN	D mm	K mm	HOLES	
			N	Φmm
32	140	100	4	18
40	150	110		
50	165	125		
65	185	145		
80	200	160	8	22
100	220	180		
125	250	210		
150	285	240		
200	340	295	12	26
250	405	355		

MODEL MODELO MODÈLE	DIMENSIONS/DIMENSIONES/DIMENSIONS mm																	kg
	DN1	DN2	a	f	h1	h2	b	m1	m2	n1	n2	s1	s2	w	x	d	l	
32-160	50	32	80	360	132	160	55	95	70	240	190	14	14	260	100	24	50	31
32-200	50	32	80	360	160	180	55	95	70	240	190	14	14	260	100	24	50	35
32-250	50	32	80	360	160	180	55	95	70	240	190	14	14	260	100	24	50	35
40-160	65	40	80	360	132	160	50	100	70	240	190	14	14	260	100	24	50	35
40-200	65	40	100	360	160	180	55	100	70	265	212	14	14	260	100	24	50	38
40-250	65	40	100	360	180	225	65	125	95	320	250	14	14	260	100	24	50	58
40-315	65	40	125	500	200	160	65	125	95	345	280	14	14	370	140	32	80	82
50-125	65	50	100	360	132	180	50	100	70	240	190	14	14	260	100	24	50	30
50-160	65	50	100	360	160	200	55	100	70	265	212	14	14	260	100	24	50	35
50-200	65	50	100	360	160	225	50	100	70	265	212	14	14	260	100	24	50	45
50-250	65	50	100	360	180	180	65	125	95	320	250	14	14	260	100	24	50	50
50-315	65	50	125	500	225	280	65	125	95	345	280	14	14	370	140	32	80	90
65-125	80	65	100	360	160	250	65	125	95	280	212	14	14	260	100	24	50	42
65-160	80	65	100	360	160	200	65	125	95	280	212	14	14	260	100	24	50	45
65-200	80	65	100	360	180	225	65	125	95	320	250	14	14	260	140	24	50	50
65-250	80	65	100	470	200	250	80	160	120	360	280	18	14	340	140	32	80	71
65-315	80	65	125	470	225	280	80	160	120	360	280	18	14	340	140	32	80	98
80-125	100	80	100	360	180	225	65	125	95	320	250	14	14	260	140	24	50	46
80-160	100	80	100	360	180	225	65	125	95	345	250	14	14	260	140	24	50	48
80-200	100	80	100	470	200	250	65	125	95	345	280	14	14	340	140	32	80	65
80-250	100	80	100	470	200	280	80	160	120	400	315	18	14	340	140	32	80	79
80-315	100	80	125	470	250	315	80	160	120	400	315	18	14	340	140	24	50	118
80-400	100	80	125	540	280	355	80	160	120	400	315	18	14	340	140	32	80	150
100-160	125	100	125	360	200	280	80	160	120	360	280	18	14	260	140	32	80	55
100-200	125	100	125	470	200	280	80	160	120	360	280	18	14	340	140	32	80	75
100-250	125	100	125	470	225	280	80	160	120	400	315	18	14	340	140	32	80	88
100-315	125	100	140	470	250	315	80	160	120	400	315	19	14	340	140	32	80	116
100-400	125	100	140	530	280	355	100	200	150	500	400	23	14	370	140	42	110	178
125-200	150	125	140	470	250	315	80	160	120	400	315	19	14	340	140	32	80	112
125-250	150	125	140	470	250	355	80	160	120	400	315	19	14	340	140	32	80	112
125-250H	150	125	140	530	250	355	80	160	120	400	315	19	14	370	140	42	110	140
125-315	150	125	140	530	280	355	100	200	150	500	400	23	14	370	140	42	110	152
125-400	150	125	140	530	315	400	100	200	150	500	400	23	14	370	140	42	110	200
150-200	200	150	160	470	280	400	100	200	150	550	450	23	14	370	140	32	80	166
150-250	200	150	160	530	280	400	100	200	150	550	450	23	14	370	140	42	110	180
150-315	200	150	160	530	280	400	100	200	150	550	450	23	14	370	140	42	110	186
150-400	200	150	160	530	315	450	100	200	150	550	450	23	14	370	140	42	110	228
200-250	250	200	180	530	355	475	100	200	150	550	450	23	14	370	200	42	110	230
200-315	250	200	180	530	355	450	100	200	150	550	450	23	14	370	200	42	110	234
200-400	250	200	180	770	400	500	110	300	250	710	600	28	14	525	250	60	140	363
250-315	300	250	250	530	400	500	110	300	250	710	600	28	14	525	250	42	110	316
250-400	300	250	250	770	400	560	110	300	250	710	600	28	14	525	250	60	140	400

