

**3 SERIES**



**APPLICATIONS**

End suction centrifugal pumps in accordance with DIN 24255 made of stainless steel AISI 304, applications include water boosting, heating systems, air-conditioning, washing systems and many other industrial applications. WRAS approved pumps are available upon request.

**SPECIFICATIONS**

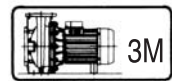
- Maximum working pressure : 10 bar
- Maximum liquid temperature : from -20°C to +110°C

**MATERIALS**

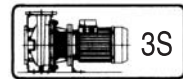
- Pump body, impeller, casing cover and shaft in AISI 304
- Mechanical seal in carbon/ceramic/ NBR for standard version
- Mechanical seal in carbon/ceramic/FPM for H version
- Mechanical seal on SiC/SiC/FPM for HS version

**TECHNICAL DATA**

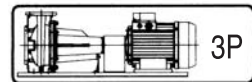
- 2 and 4 pole motor
- Insulation: Class F
- Protection degree: IP55
- 3~230/400V± 10% 50Hz up to 4 kW included, 400/690V ± 10% above
- Thermal protection to be provided by the user
- Available in 5 different versions, 2 and 4 pole



monobloc with extended motor shaft



monobloc with standard motor and rigid coupling

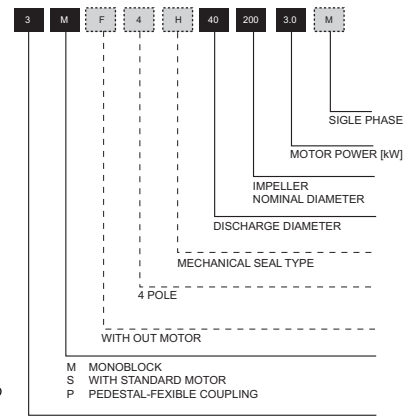


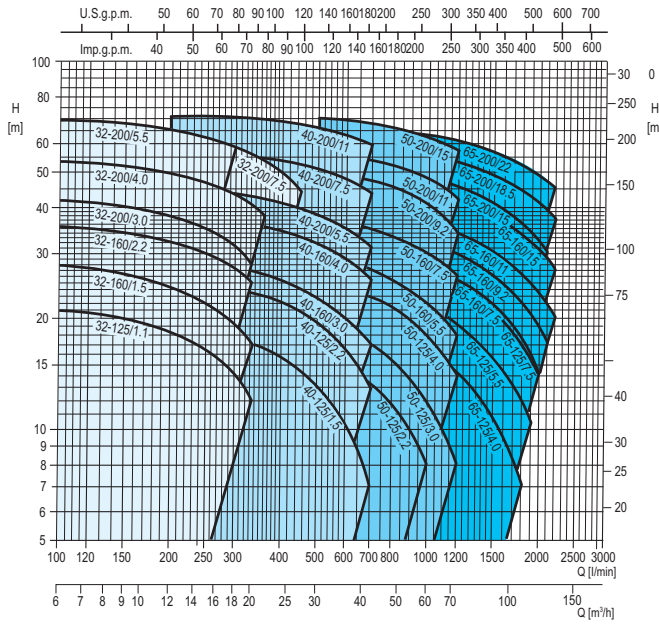
pump on baseplate with standard motor and coupling



bare shaft pump

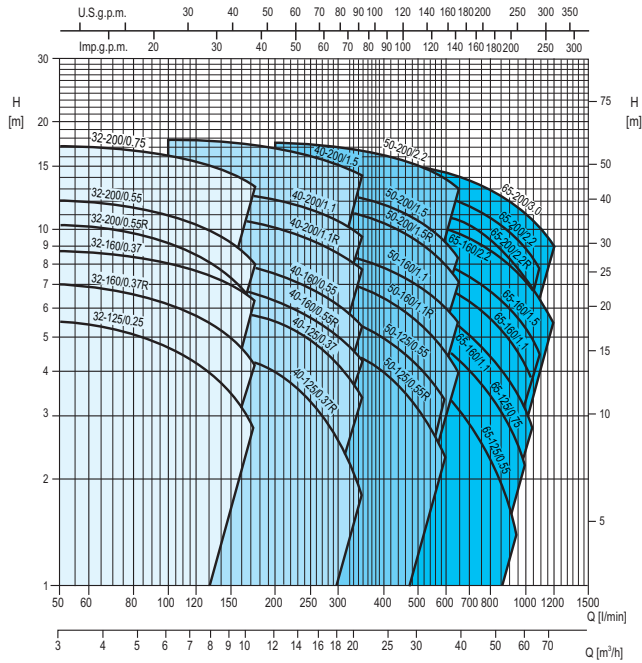
**MODEL CODE**





PERFORMANCE TABLE

Model 3(L)M	kW	HP	Abs. current (A)			l/min m <sup>3</sup> /h	Q= Capacity																				
			Three-phase				H= Total Head																				
			230V	400V	690V		0	100	150	200	300	333	360	400	450	500	600	700	800	1000	1200	1500	1800	1900	2000	2100	2200
32-125/1.1 (M)	1.1	1.5	5.0	2.9	-	22.5	21	19.9	18.4	14.1	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
32-160/1.5 (M)	1.5	2	5.9	3.4	-	29.5	28	26.5	24.5	19.2	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
32-160/2.2 (M)	2.2	3	8.3	4.8	-	37	35.5	34	32	27	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
32-200/3.0	3.0	4	11.8	6.8	-	44	42	40	37.5	31	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
32-200/4.0	4.0	5.5	15.6	9.0	-	55	53.5	52	49.5	43.5	40.5	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
32-200/5.5	5.5	7.5	-	11.8	6.8	70.5	69	67.5	65	58.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
32-200/7.5	7.5	10	-	-	-	70.5	69	67.5	65	58.3	55.5	53	49	44	-	-	-	-	-	-	-	-	-	-	-	-	
40-125/1.5 (M)	1.5	2	5.9	3.4	-	20	-	19	17.6	17	16.5	15.7	14.5	13.2	10.3	7	-	-	-	-	-	-	-	-	-	-	-
40-125/2.2 (M)	2.2	3	8.3	4.8	-	26.5	-	25.5	24	23.5	23	22	21	19.5	16.4	13	-	-	-	-	-	-	-	-	-	-	-
40-160/1.5	3.0	4	11.8	6.8	-	31	-	29.5	27.5	27	26.5	25.5	24	22.5	20	17	-	-	-	-	-	-	-	-	-	-	-
40-200/4.0	4.0	5.5	15.9	9.2	-	40	-	38.5	37	36	35.5	34.5	33	32	29	25.5	-	-	-	-	-	-	-	-	-	-	-
40-200/5.5	5.5	7.5	-	11.1	6.4	47	-	45.5	44	43	42.5	41	39.5	38	35	31	-	-	-	-	-	-	-	-	-	-	-
40-200/7.5	7.5	10	-	15.1	8.7	58	-	57	55.5	55	54.5	53.5	52.5	51	47.5	44	-	-	-	-	-	-	-	-	-	-	-
40-200/11	11	15	-	20.0	11.6	72	-	71	70	69.5	68.5	67.5	66	63	59	-	-	-	-	-	-	-	-	-	-	-	-
50-125/2.2 (M)	2.2	3	8.1	4.7	-	19	-	-	-	-	17.5	17	16.3	14.9	13.4	11.7	8	-	-	-	-	-	-	-	-	-	-
50-125/3.0	3.0	4	11.8	6.8	-	22	-	-	-	-	20.5	20	19.6	18.4	17	15.4	11.8	9	-	-	-	-	-	-	-	-	-
50-160/1.5	4.0	5.5	15.9	9.2	-	26.5	-	-	-	-	26	25.5	25	24	22.5	21.5	17.9	14	-	-	-	-	-	-	-	-	-
50-160/5.5	5.5	7.5	-	11.5	6.6	33	-	-	-	-	31	30.5	30	28.5	27	25.5	22	18	-	-	-	-	-	-	-	-	-
50-160/7.5	7.5	10	-	15.5	9.0	40	-	-	-	-	38.5	38	37.5	36	35	33.5	30	26	-	-	-	-	-	-	-	-	-
50-200/9.2	9.2	12.5	-	17.4	10.0	53	-	-	-	-	-	50	49	47.5	45.5	40.5	34	-	-	-	-	-	-	-	-	-	-
50-200/11	11	15	-	22.0	12.7	59	-	-	-	-	-	56	55	54	52	48	42	-	-	-	-	-	-	-	-	-	-
50-200/15	15	20	-	31.3	18.0	72	-	-	-	-	-	70	69	68	66	62	57	-	-	-	-	-	-	-	-	-	-
65-125/4.0	4	5.5	13.8	8	-	22.5	-	-	-	-	20	19.4	18.5	16.5	14.3	10.7	7	-	-	-	-	-	-	-	-	-	-
65-125/5.5	5.5	7.5	-	11	6.3	27	-	-	-	-	-	25	24.5	23.5	21.5	19.1	15.5	11.7	10.4	-	-	-	-	-	-	-	-
65-125/7.5	7.5	10	-	14.9	8.6	32	-	-	-	-	-	30.5	29.5	29	27	24.5	21	16.8	15.4	14	-	-	-	-	-	-	-
65-160/7.5	7.5	10	-	14.9	8.6	32	-	-	-	-	-	30	29	27	25.5	21.5	17.5	16	14.5	-	-	-	-	-	-	-	-
65-160/9.2	9.2	12.5	-	20.8	12.1	36.5	-	-	-	-	-	34.5	34	32	29.5	26	21.5	20	18.6	17	-	-	-	-	-	-	-
65-160/11	11	15	-	27	15.6	40.5	-	-	-	-	-	38.5	38	36	34	30.5	26	24.5	23	21.5	20	-	-	-	-	-	-
65-160/15	15	20	-	30.5	17.6	48	-	-	-	-	-	46.5	45	43	41	37.5	33.5	32	30.5	29	27	-	-	-	-	-	-
65-200/15	15	20	-	30.5	17.6	54	-	-	-	-	-	51	50	48	45.5	41	36	34	32	30	-	-	-	-	-	-	-
65-200/18.5	18.5	25	-	36.9	21.3	60.5	-	-	-	-	-	58.5	57.5	55.5	53	49	44	42.5	40.5	39	37	-	-	-	-	-	-
65-200/22	22	30	-	40.8	23.5	67	-	-	-	-	-	65.5	65	63	60.5	56.5	52	50.5	48.5	47	45	-	-	-	-	-	-



PERFORMANCE TABLE

Pump type 3M	kW	HP	Q= Capacity																
			l/min m <sup>3</sup> /h	50 6	100 9.6	160 12	200 15	250 18	300 21	350 24	400 30	500 36	600 39	650 48	800 57	1000 60	1050 63	1100 66	1200 72
<b>H= Total manometric head in meters</b>																			
32-125/0.25	0.25	0.33	5.6	4.9	3.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32-160/0.37R	0.37	0.5	7.2	6.3	4.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32-160/0.37	0.37	0.5	8.7	8	6.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32-200/0.55R	0.55	0.75	10.5	9.3	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32-200/0.55	0.55	0.75	12	11	9.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32-200/0.75	0.75	1	17.3	16.5	14.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40-125/0.37R	0.37	0.5	-	4.5	4	3.6	3	2.3	1.5	-	-	-	-	-	-	-	-	-	-
40-125/0.37	0.37	0.5	-	6.2	5.7	5.2	4.6	3.8	3	-	-	-	-	-	-	-	-	-	-
40-160/0.55R	0.55	0.75	-	7.2	6.7	6.3	5.7	5	4.2	-	-	-	-	-	-	-	-	-	-
40-160/0.55	0.55	0.75	-	8.5	7.9	7.5	6.9	6.2	5.4	-	-	-	-	-	-	-	-	-	-
40-200/1.1R	1.1	1.5	-	11	10.5	10.1	9.6	9	8.3	-	-	-	-	-	-	-	-	-	-
40-200/1.1	1.1	1.5	-	12.7	12.3	11.9	11.2	10.4	9.4	-	-	-	-	-	-	-	-	-	-
40-200/1.5	1.5	2	-	17.8	17.4	16.9	16.2	15.3	14.2	-	-	-	-	-	-	-	-	-	-
50-125/0.55R	0.55	0.75	-	-	-	4.9	4.7	4.4	4.2	3.8	3	2	-	-	-	-	-	-	-
50-125/0.55	0.55	0.75	-	-	-	5.8	5.6	5.4	5.2	4.9	4.1	3.2	-	-	-	-	-	-	-
50-160/1.1R	1.1	1.5	-	-	-	7.7	7.5	7.2	6.9	6.5	5.6	4.5	-	-	-	-	-	-	-
50-160/1.1	1.1	1.5	-	-	-	9	8.8	8.5	8.2	7.8	6.9	5.8	-	-	-	-	-	-	-
50-200/1.5R	1.5	2	-	-	-	12.1	11.8	11.5	11.1	10.6	9.5	8	-	-	-	-	-	-	-
50-200/1.5	1.5	2	-	-	-	13	12.7	12.3	11.9	11.5	10.5	9.1	-	-	-	-	-	-	-
50-200/2.2	2.2	3	-	-	-	17.7	17.5	17.2	16.8	16.4	15.4	14	-	-	-	-	-	-	-
65-125/0.55	0.55	0.75	-	-	-	-	4.8	4.6	4.4	4.0	3.5	3.2	2.3	1.4	-	-	-	-	-
65-125/0.75	0.75	1	-	-	-	-	6	5.8	5.7	5.2	4.6	4.4	3.5	2.5	2.2	-	-	-	-
65-125/1.1	1.1	1.5	-	-	-	-	7.2	7	6.8	6.3	5.6	5.4	4.5	3.6	3.2	2.8	-	-	-
65-160/1.1	1.1	1.5	-	-	-	-	-	8.1	8.0	7.4	7.0	6.6	5.7	4.6	4.2	3.8	-	-	-
65-160/1.5	1.5	2	-	-	-	-	-	9.2	9	8.5	8	7.7	6.7	5.7	5.3	4.9	4.5	-	-
65-160/2.2	2.2	3	-	-	-	-	-	11.3	11.1	10.6	10	9.8	8.8	7.6	7.2	6.8	6.4	5.5	-
65-200/2.2R	2.2	3	-	-	-	-	-	12.4	12.2	11.6	11	10.6	9.3	7.8	7.3	6.8	-	-	-
65-200/2.2	2.2	3	-	-	-	-	-	13.9	13.7	13.0	12.4	12	10.8	9.3	8.8	8.3	7.8	-	-
62-200/3.0	3	4	-	-	-	-	-	15.8	15.6	15.06	14.5	14.1	12.9	11.6	11.1	10.6	10.1	9	-