

**MD**



**APPLICATIONS**

End suction mono-bloc centrifugal pump in accordance to DIN 24255 made of cast iron. Applications include water boosting, heating systems, air-conditioning, washing systems and many other industrial applications.

**MATERIALS**

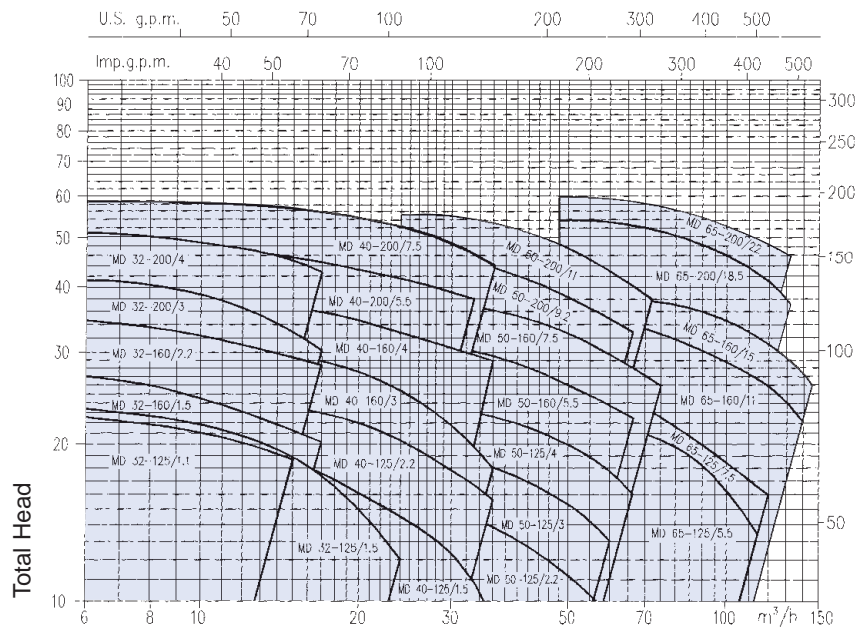
- Pump body, bracket and impeller in cast iron
- Shaft in AISI 304
- Mechanical seal : Carbon/ceramic/NBR

**SPECIFICATIONS**

- Maximum working pressure : 10 bar
- Liquid temperature : 90°C

**TECHNICAL DATA**

- 2 pole motor
- Insulation: Class F
- Protection degree: IP55
- Single phase 230V ±10% 50Hz;  
Three phase 230/400V±10% 50Hz up to 4 kW included;  
400/690V±10% above
- Permanent split capacitor and automatic thermal overload protection for single-phase version
- Thermal protection to be provided by the user for three-phase version



**PERFORMANCE TABLE**

Pump type	kW	Q= Capacity																		
		H=Total head[m]																		
		100	200	250	280	400	550	600	667	800	1000	1100	1200	1250	1400	1900	2000	2200	2300	2400
		6	12	15	17	24	33	36	40	48	60	66	72	75	84	14	120	132	138	144
MD 32-125/1.1	1.1	22.5	20.3	18.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MD 32-125/1.5	1.5	23.5	21.4	19.7	18.5	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MD 32-160/1.5	1.5	27	23.9	21.9	20.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MD 32-160/2.2	2.2	34.5	32	30	28.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MD 32-200/3.0	3.0	41	36.3	32.9	30.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MD 32-200/4.0	4.0	50.5	46.9	44.3	42.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MD 40-125/1.5	1.5	19.5	18.4	17.7	17.2	14.6	10.3	8.5	-	-	-	-	-	-	-	-	-	-	-	-
MD 40-125/2.2	2.2	25	23.2	22.9	22.5	23.4	18.9	15.5	-	-	-	-	-	-	-	-	-	-	-	-
MD 40-160/3.0	3.0	30.5	29.1	28.3	27.8	25.3	21.5	20	-	-	-	-	-	-	-	-	-	-	-	-
MD 40-160/4.0	4.0	38	36.7	36	35.5	33.4	30.2	29	-	-	-	-	-	-	-	-	-	-	-	-
MD 40-200/5.5	5.5	49	47.5	46.5	45.6	42.9	38	-	-	-	-	-	-	-	-	-	-	-	-	-
MD 40-200/7.5	7.5	58.5	57.2	56.3	55.6	52.3	46.4	44	-	-	-	-	-	-	-	-	-	-	-	-
MD 50-125/2.2	2.2	-	-	-	-	16	14.8	14	13.3	11.7	8.5	-	-	-	-	-	-	-	-	-
MD 50-125/3.0	3.0	-	-	-	-	20	18.9	18.4	17.7	16.1	13	-	-	-	-	-	-	-	-	-
MD 50-125/4.0	4.0	-	-	-	-	24.5	23.5	23.1	22.4	20.9	17.8	16	-	-	-	-	-	-	-	-
MD 50-160/5.5	5.5	-	-	-	-	32.5	31.2	30.7	30	28.1	24.6	22.5	-	-	-	-	-	-	-	-
MD 50-160/7.5	7.5	-	-	-	-	38	36.9	36.4	35.7	34.1	31	29.1	27.1	26	-	-	-	-	-	-
MD 50-200/9.2	9.2	-	-	-	-	47.5	45.6	44.8	43.7	41.1	36	33	-	-	-	-	-	-	-	-
MD 50-200/11	11.0	-	-	-	-	55	53.3	52.6	51.5	49	44.2	41.3	38	-	-	-	-	-	-	-
MD 65-125/5.5	5.5	-	-	-	-	-	24	23.7	23.1	22	21.3	20.6	20.2	18.9	13.5	-	-	-	-	-
MD 65-125/7.5	7.5	-	-	-	-	-	27	26.7	26.2	25.1	24.5	23.8	23.4	22.2	17.2	16	-	-	-	-
MD 65-160/11	11.0	-	-	-	-	-	-	34	33.6	32.8	32.3	31.8	31.5	30.5	26.4	25.4	23.2	22	-	-
MD 65-160/15	15.0	-	-	-	-	-	-	-	38.2	37.4	36.9	36.4	36.1	35.2	31.2	30.3	28.3	27.1	26	-
MD 65-200/18.5	18.5	-	-	-	-	-	-	-	53.5	52.3	51.5	50.7	50.2	48.7	42.2	40.6	37	-	-	-
MD 65-200/22	22.0	-	-	-	-	-	-	-	59.5	58.4	57.8	57.1	56.7	55.5	50.1	48.8	46	-	-	-