



## CENTRIFUGAL PUMPS according to EN 733 standard in cast iron

End suction centrifugal pumps in accordance with EN 733 (ex DIN 24255) made of cast iron, applications include water boosting, heating systems, air-conditioning, washing systems and many other industrial applications.



### SPECIFICATIONS

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

### MATERIALS

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

### TECHNICAL DATA

- Asynchronous 2 poles motor
- Insulation class F
- Protection degree IP 55
- Single-phase standard voltage: 220V -6% +10%
- Three-phase standard voltage: 220/380-460V ±6% (up to 4 kW)
- 380-460/660 ±6% (5,5 kW and 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

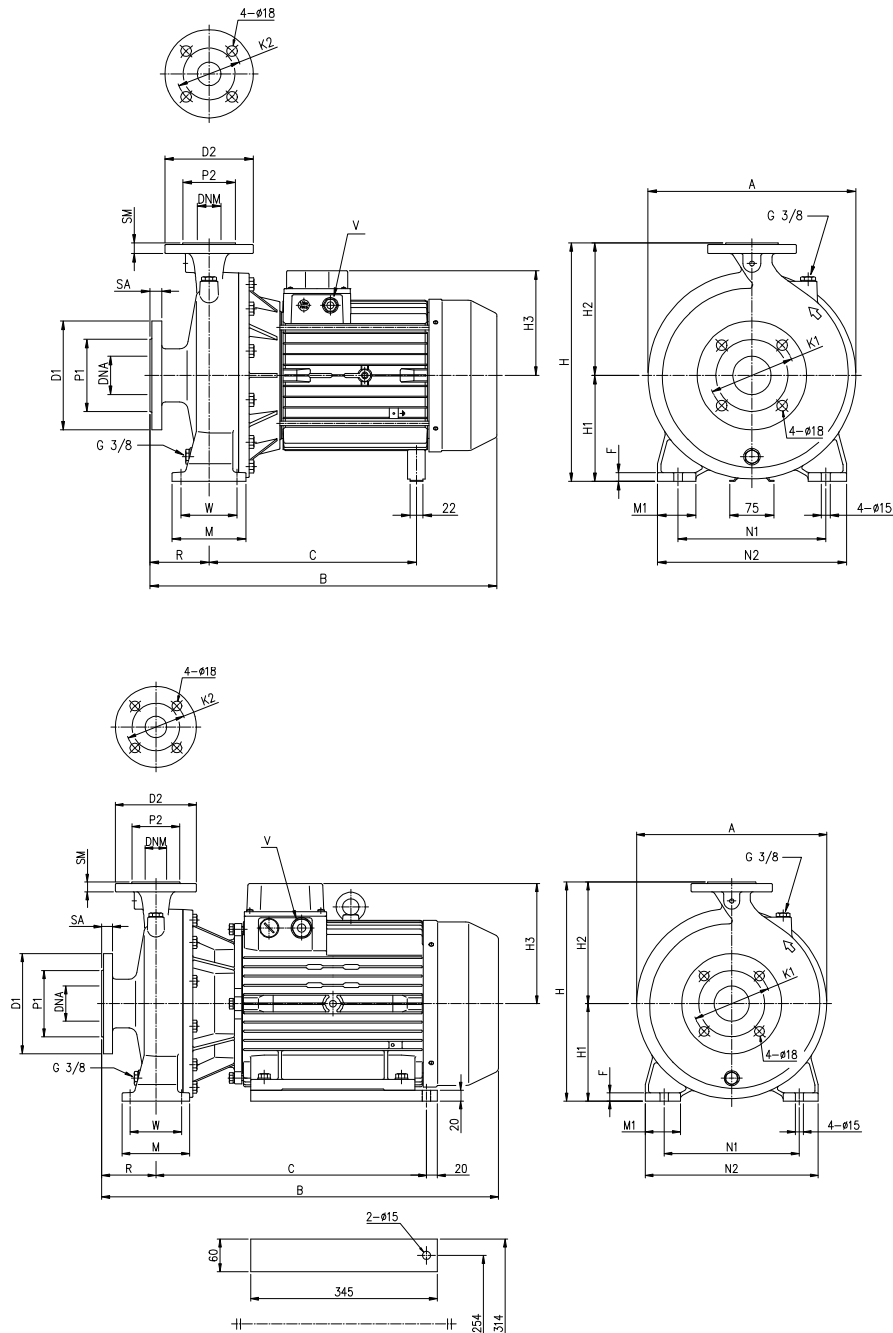
## DIMENSIONAL TABLE

Pump type	Weight [kg]		Dimensions [mm]																																																	
	1~	3~	DNA	P1	K1	D1	SA	DNM	P2	K2	D2	SM	H	H1	H2	H3		R	W	N1	M	N2	M1	F	A	B	C	V [1]																								
MD 32-125/1.16 (M)	27,1	27,1	50	102	125	165	32	78	100	140	18	252	112	140	122	139	80	70	140	100	190	240	50	13	205	245	431	230	PG 13.5																							
MD 32-125/1.56 (M)	27,8	27,8																																																		
MD 32-160/1.56 (M)	32,5	32,5																																																		
MD 32-160/2.26 (M)	34,9	34,9																																																		
MD 32-200/3.06	43,6	43,6																																																		
MD 32-200/4.06	50	50																																																		
MD 32-250/7.56	74,6	74,6																																																		
MD 32-250/9.26	84,3	84,3																																																		
MD 32-250/116	87,3	87,3																																																		
MD 40-125/1.56 (M)	28,4	28,4																												20	40	88	110	150	252	112	140	122	139	80	160	210	50	13	235	431	230	PG 13.5				
MD 40-125/2.26 (M)	31,4	31,4																																																		
MD 40-160/3.06	38,5	38,5																																																		
MD 40-160/4.06	42,5	42,5																																																		
MD 40-200/5.56	60	60																																																		
MD 40-200/7.56	68	68																																																		
MD 40-250/116	91,7	91,7																																																		
MD 40-250/136	93	93																																																		
MD 50-125/2.26 (M)	33,8	33,8	65	122	145	185	50	102	125	165	20	292	132	160	122	139	100	70	190	100	240	50	13	230	431	230	PG 13.5																									
MD 50-125/3.06	35,5	35,5																																																		
MD 50-125/4.06	41,8	41,8																																																		
MD 50-160/5.56	57	57																																																		
MD 50-160/7.56	68,2	68,2																																																		
MD 50-200/9.26	73,9	73,9																																																		
MD 50-200/116	80,7	80,7																																																		
MD 50-200/156	58	58																																																		
MD 65-125/5.56	66,5	66,5																										80	138	160	200	22	65	122	145	185	340	160	180	153	100	70	212	125	280	65	13	300	585	355	278	PG 16
MD 65-125/7.56	66,5	66,5																																																		
MD 65-160/116	86,3	86,3																																																		
MD 65-160/156	91,4	91,4																																																		

[1] Only for three-phase  
[2] Only for single-phase



**DIMENSIONS**



**DIMENSIONAL TABLE**

Pump type	Weight [kg]		Dimensions [mm]																								
	1~	3~	DNA	P1	K1	D1	SA	DNM	P2	K2	D2	SM	H	H1	H2	H3	R	W	N1	M	N2	M1	F	A	B	C	V
MD 40-250/156	-	96,8	65	122	145	185	20	40	88	110	150	18	405	180	225	230	100	95	250	125	320	65	15	352	734	501	PG 21
MD 50-250/156	-	97,6	65																								
MD 50-250/18.56	-	123	65																								
MD 60-250/226	-	148	65	138	160	200	22	50	102	125	165	20	405	180	225	230	100	95	250	125	320	65	15	310	736	548	PG 21
MD 65-200/18.56	-	134	80																								
MD 65-200/226	-	135	80																								

