



CENTRIFUGAL PUMPS IN CONFORMANCE WITH DIN 24255 FOR USE IN THE CIVIL, AGRICULTURAL AND INDUSTRIAL FIELDS

The CM series is made up of single stage electric monobloc pumps with a flanged hydraulics/motor connection. The pump casing is manufactured in accordance with the provisions of DIN 24255-NF E 44 III-UNI 7467 standards, regarding hydraulic dimensions and connection points.

The pumps may be installed in all positions, except where the suction point is directed downwards. The design of these machines allows the rotating parts and the motor to be removed from the pump casing without having to disconnect the pipes. Thus any maintenance is easily and quickly performed.

STANDARD DESIGN FEATURES

- Cast iron pump casing GG20
- Cast iron motor bracket GG20
- Cast iron impeller (bronze on request)
- Stainless steel shaft pump AISI 304 or 303
- Mechanical seal with ceramic/graphite counterfaces
- Flanged connection points DN 32 - DN 80 as per UNI 2236 PN10 standards
- Threaded type counterflanges as per UNI 2254 standards

MOTOR

- Type: induction, enclosed, self-ventilated
- Design: B5
- Use: continuous
- Insulation: Class F
- Level of protection: IP 55 Terminal Box
IP 44 complete motor
- Number of poles: 2
- Speed of rotation 2900 rpm

USAGE LIMITATIONS

Type of liquid: non-aggressive, non-explosive, free from solid particles and fibres.

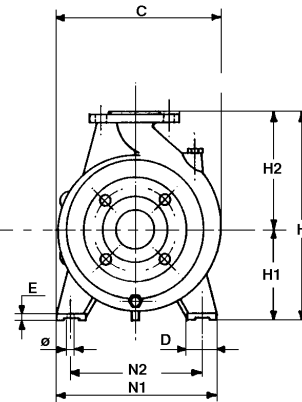
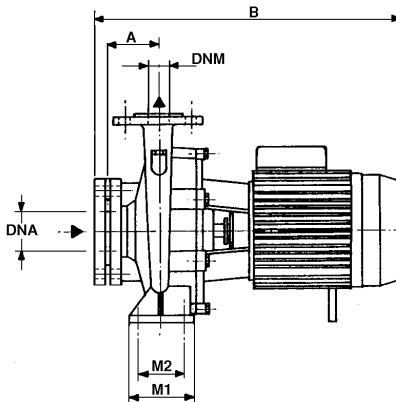
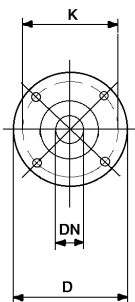
- Hot water for heating
- Coolants (not containing mineral oils) for air-conditioning systems
- Pumped liquid temperature from -10° C to 90° C
- Environmental temperature up to 40° C
- Maximum operating pressure 10 bar

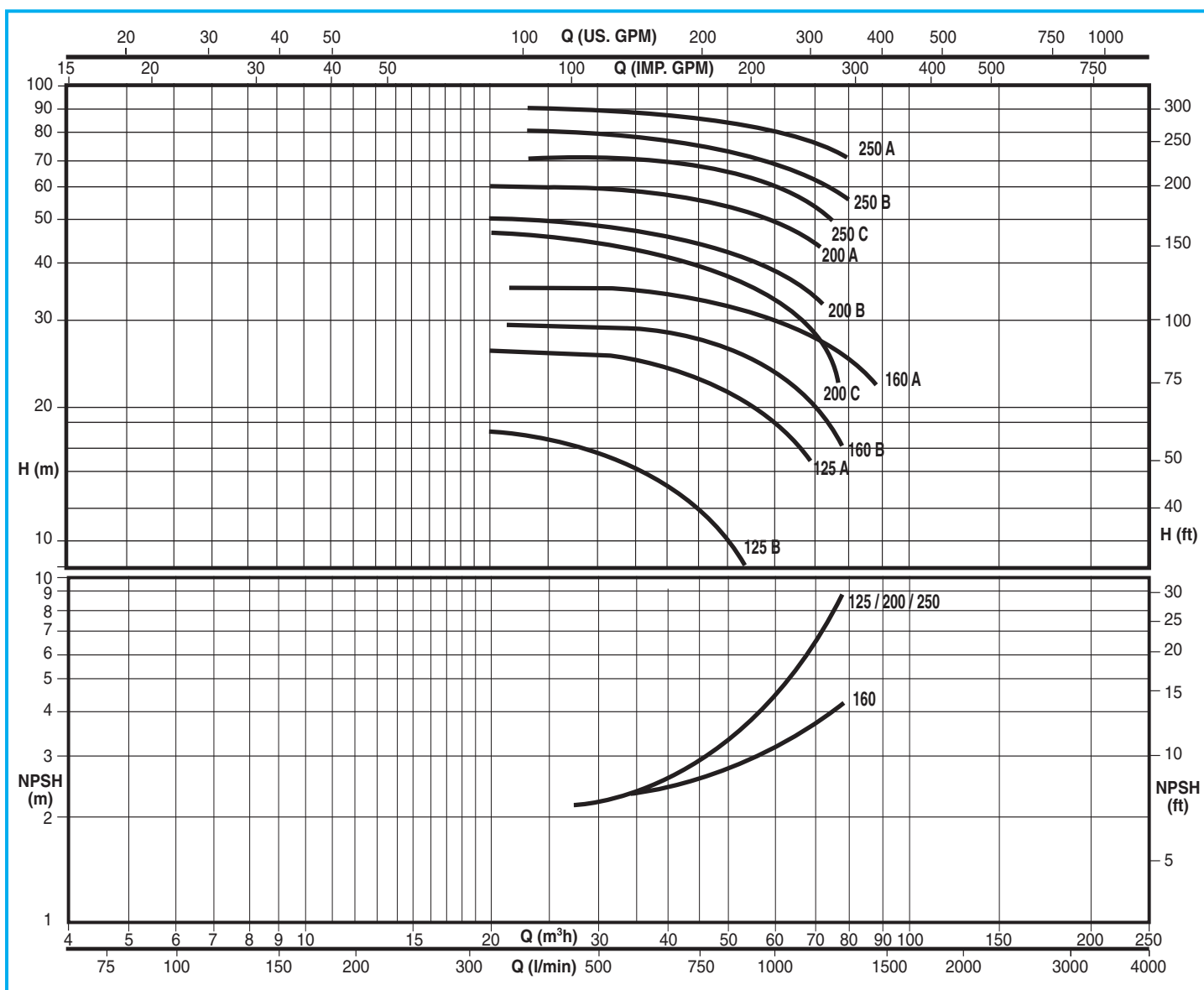
APPLICATIONS

- Agricultural: overhead or surface irrigation water supply
- Civil: autoclave supply, pressure elevation, heating and air-conditioning systems, water supply and firefighting systems
- Industrial: liquid transfer in general

CM DIN 24255

DIMENSIONS (mm)				
DN	D	K	Holes	
			n°	Dia.
32	140	100	4	18
40	150	110	4	18
50	165	125	4	18
65	185	145	4	18
80	200	160	4	18
100	220	180	8	18

[illegible]



CODE	MODEL	Motor Power		VOLTAGE	Amp. 3 x 400 V	Q	L/1'	0 350 500 650 800 1000 1200							PRICE
		HP	kW					0	21	30	39	48	60	72	
D5773KKK	CM 50/125 B	4	3	3 ~ 230 ÷ 400 V	7,4	Discharge head in meters		19,9	20	19,1	17,8	16,4	14	11,2	
D5774KKK	CM 50/125 A	5,5	4	3 ~ 230 ÷ 400 V	9,9			24,5	24,8	24,2	23,1	21,8	19,6	16,5	
D5753KKK	CM 50/160 B	7,5	5,5	3 ~ 400 ÷ 690 V	11,6			30,2	30,5	29,8	28,5	26,7	23,3	19,1	
D5755KKK	CM 50/160 A	10	7,5	3 ~ 400 ÷ 690 V	15,8			36,3	37	36,6	35,6	34	31	26,9	
D5775KKK	CM 50/200 C	12,5	9,2	3 ~ 400 ÷ 690 V	18,5			47		44,5	42	38,5	33	24,5	
D5756KKK	CM 50/200 B	15	11	3 ~ 400 ÷ 690 V	21			52		50	47,7	44,7	39,5	32	
D5757KKK	CM 50/200 A	20	15	3 ~ 400 ÷ 690 V	27			58,5		57,5	55,7	53,2	49	42,8	
D5758KKK	CM 50/250 C	20	15	3 ~ 400 ÷ 690 V	32,5			71,5		70,3	68,3	66	61,5	55	
D5759KKK	CM 50/250 B	25	18,5	3 ~ 400 ÷ 690 V	41,5			78		77,4	75,3	72,8	68,2	62,2	
D5760KKK	CM 50/250 A	30	22	3 ~ 400 ÷ 690 V	51,5			90		88,8	86,9	84,5	80,5	75,2	