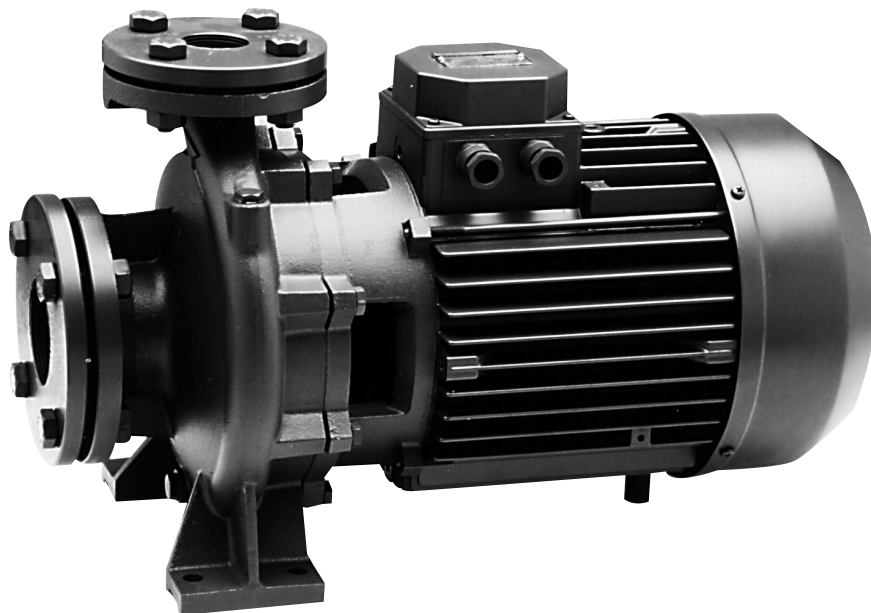


SURFACE PUMPS



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.

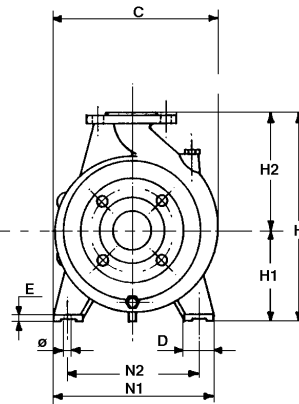
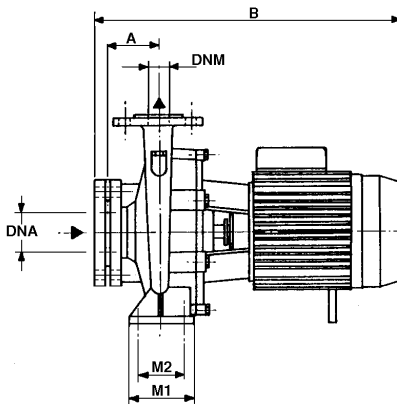
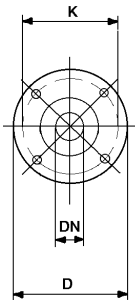
- Hot water for heating
- Coolants (not containing mineral oils) for air-conditioning systems
- Pumped liquid temperature from -10° C to 90° C
- Environmental temperature up to 40° C
- Maximum operating pressure 10 bar

APPLICATIONS

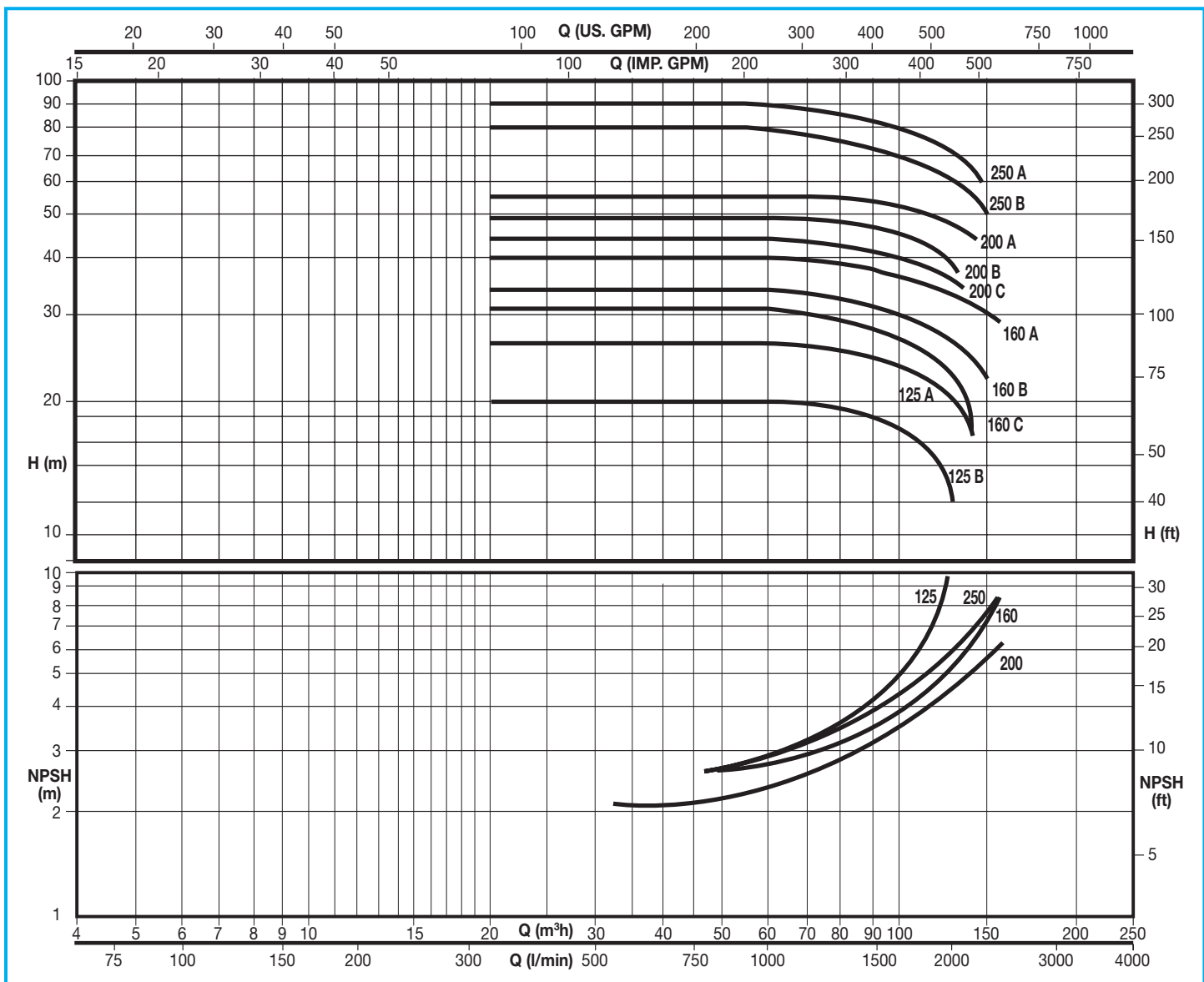
- Agricultural: overhead or surface irrigation water supply
- Civil: autoclave supply, pressure elevation, heating and air-conditioning systems, water supply and firefighting systems
- Industrial: liquid transfer in general

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



Model		Dimensions mm														Weight kg							
		DNM	DNA	A	H ₁	H ₂	M ₁	M ₂	N ₁	N ₂	D	E	Ø	B	C		H						
CM 32/160	C	32	50	80	132	160	100	70	240	190	50	12	14	490	240	292	38						
	B																39						
	A																42						
CM 32/200	C			32	50	80	160	180	100	70	240	190		50	12	14	505	268	340	52			
	B																565			63			
	A																69						
CM 32/250	C					32	50	100	180	225	125	95		320	250		65	14	14	625	305	405	83
	B																			695			90
	A																			120			
CM 40/125	C	40	65					80	112	140	100	70	210	160	50		12	14		495	220	252	36
	B																						37
	A																						40
CM 40/160	B			40	65			80	132	160	100	70	240	190	50	12	14			500	245	292	47
	A																						50
	B																						65
CM 40/200	B					40	65	100	160	180	100	70	265	212	50	15			14	590	273	340	71
	A																						91
	B																						121
CM 40/250	B	40	65					100	180	225	125	95	320	250	65	15		14		630	322	405	91
	A																			700			121
	B																			121			
CM 50/125	B			50	65			100	132	160	100	70	240	190	50	12	14			525	250	292	47
	A																						50
	B																						65
CM 50/160	B					50	65	100	150	180	100	70	265	212	50	12			14	590	270	340	71
	A																						82
	B																						89
CM 50/200	C	50	65					100	160	200	100	70	265	212	50	12		14		635	290	360	122
	B																						125
	A																						140
CM 50/250	C			50	65			100	180	225	125	95	320	250	65	14	14			705	332	405	149
	B																						140
	A																						149
CM 65/125	B					65	80	100	160	180	125	95	280	212	65	14			14	605	280	340	64
	A																						70
	C																						84
CM 65/160	B	65	80					100	160	200	125	95	320	250	65	14		14		635	290	360	90
	A																						120
	C																						122
CM 65/200	C			65	80			100	180	225	125	95	320	250	65	14	14			705	330	405	138
	B																						148
	A																						148
CM 65/250	B					65	80	100	200	250	160	120	360	280	80	16			19	850	370	450	239
	A																						253
	B																						253
CM 80/160	D	80	100					125	180	225	125	95	320	250	65	14		14		665	330	405	99
	C																			735			129
	B																			780			143
CM 80/200	A			80	100			125	180	225	125	95	345	280	65	16	14			870	355	405	152
	B																						233
	A																						247



CODE	MODEL	Motor Power		VOLTAGE	Amp. 3 x 400 V	Q L/1' / m³/h	0	900	1200	1400	1800	2000	2200	2400	PRICE
		HP	kW												
D5776KKK	CM 65/125 B	7,5	5,5	3 ~ 400 + 690 V	12,3	Discharge head in meters	19,8	20,1	18,8	17,7	14,3	12,3			
D5777KKK	CM 65/125 A	10	7,5	3 ~ 400 + 690 V	15,9		24,2	24,1	23,4	22,3	19,4	17,5	15		
D5761KKK	CM 65/160 C	12,5	9	3 ~ 400 + 690 V	19,5		30,4	30,8	29,6	28,3	24,6	22,1	19,3	16,0	
D5762KKK	CM 65/160 B	15	11	3 ~ 400 + 690 V	22,5		34	34,2	33,3	32,1	28,8	26,7	24,1	21,1	
D5763KKK	CM 65/160 A	20	15	3 ~ 400 + 690 V	30		39	40,4	39,7	38,9	36,2	34,3	32,2	29,8	
D5764KKK	CM 65/200 C	20	15	3 ~ 400 + 690 V	32,5		43	44,8	43,7	42,3	38	35,3	32		
D5765KKK	CM 65/200 B	25	18,5	3 ~ 400 + 690 V	41,5		47,5	49,5	48,5	47,3	43,5	41	38		
D5766KKK	CM 65/200 A	30	22	3 ~ 400 + 690 V	51,5		56,5	56,7	55,7	54,7	51,6	49,6	47,1	44	
D5778KKK	CM 65/250 B	40	30	3 ~ 400 + 690 V	63,5		81	79,5	76	73	65	60	54,5	48,5	
D5779KKK	CM 65/250 A	50	37	3 ~ 400 + 690 V	74,5		90	89,5	86,5	84	76,5	72	66,5	60,5	