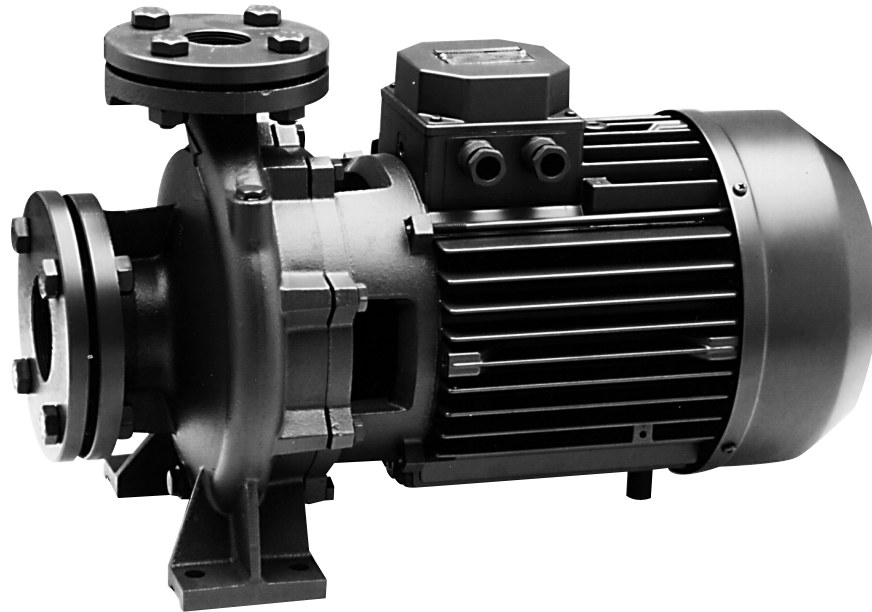




CENTRIFUGAL PUMPS IN CONFORMANCE WITH DIN 24255 FOR USE IN THE CIVIL, AGRICULTURAL AND INDUSTRIAL FIELDS

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

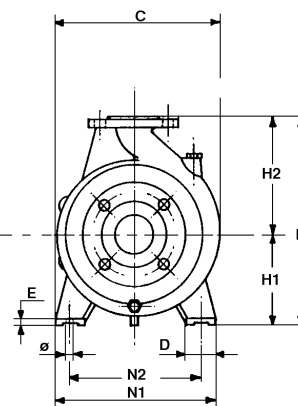
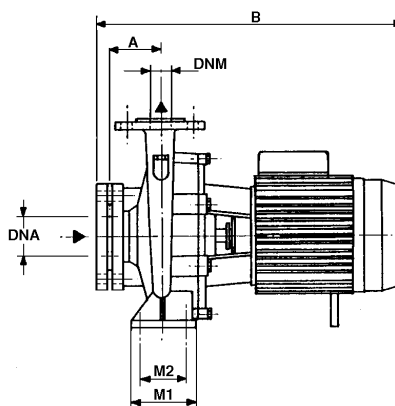
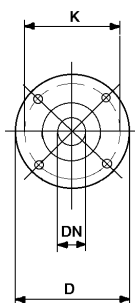
- Type of liquid: non-aggressive, non-explosive, free from solid particles and fibres.
- Hot water for heating
 - Coolants (not containing mineral oils) for air-conditioning systems
 - Pumped liquid temperature from -10° C to 90° C
 - Environmental temperature up to 40° C
 - Maximum operating pressure 10 bar

APPLICATIONS

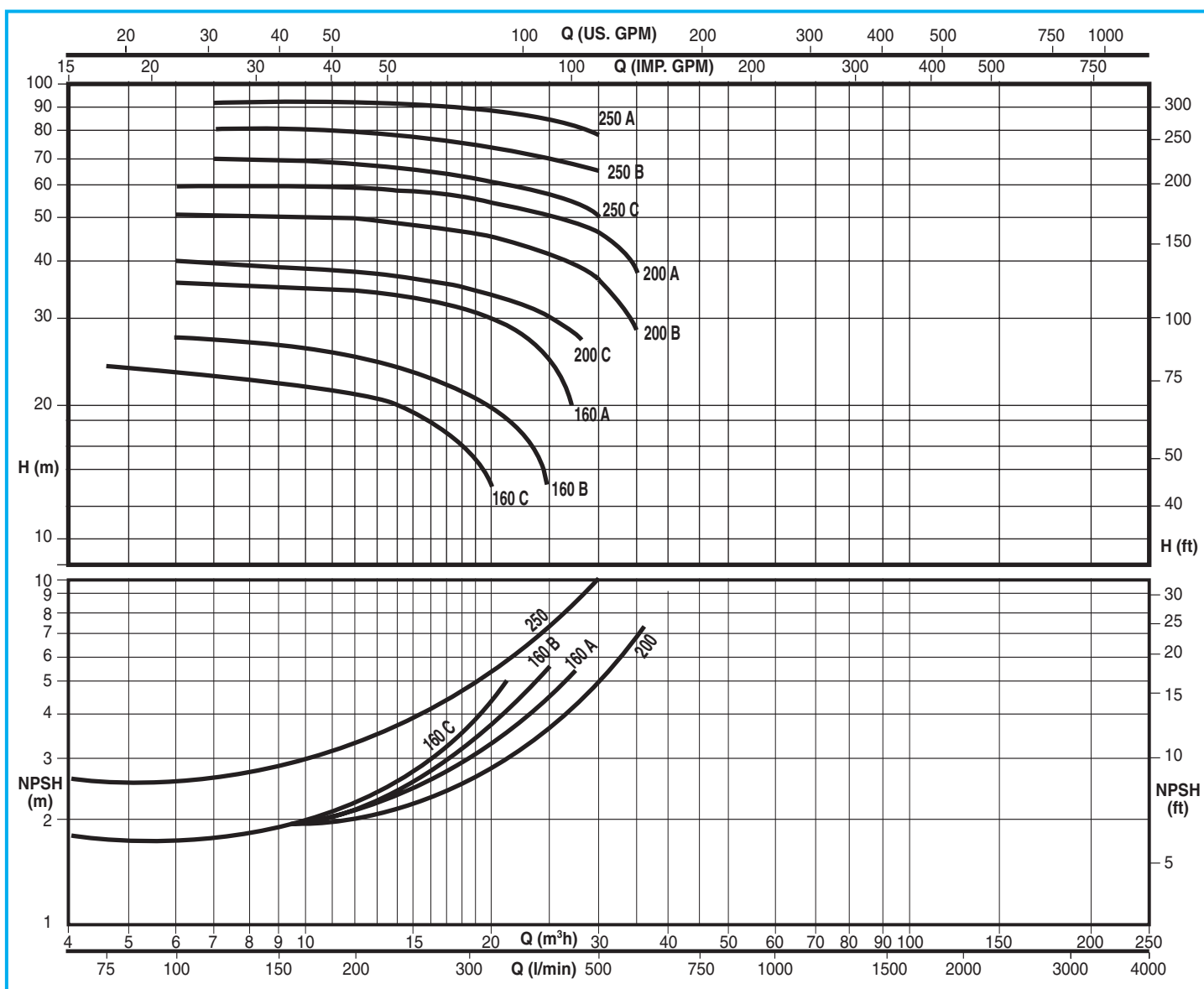
- Agricultural: overhead or surface irrigation water supply
- Civil: autoclave supply, pressure elevation, heating and air-conditioning systems, water supply and firefighting systems
- Industrial: liquid transfer in general

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			100	70	240	190	50	12	14		490	240	292	38		
	B				132	160								39						
	A													42						
CM 32/200	C																505	268	340	52
	B			160	180	63														
	A					69														
CM 32/250	C					100	180	225	125	95	320	250		65	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				132	160			240	190	15			500	245	292	47			
	A									50										
CM 40/200	B				160	180			265	212				590	273	340	65			
	A															71				
CM 40/250	B		180	225	125	95	320	250	65			630	322	405	91					
	A										700	121								
	CM 50/125	B	50	65	100	132	160	100	70	240	190	50	12	14	525	250	292	47		
A																50				
CM 50/160	B				150	180							590		270	340	65			
	A															71				
CM 50/200	C				160	200			265	212						635	290	360	82	
	B															89				
	A															705			122	
CM 50/250	C		180	225	125	95	320	250	65	14			750	332	405	125				
	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				
CM 65/160	C				160	200									635	290	360	84		
	B														90					
	A														705			120		
CM 65/200	C				180	225			320	250						750	330	405	122	
	B															138				
	A																	148		
CM 65/250	B		200	250	160	120	360	280	80	16	19	850	370	450	239					
	A													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															870	355	152		
	B																	233		
	A																	247		



CODE	MODEL	Motor Power		VOLTAGE	Amp. 3 X 400 V	Q	L/1'	0	100	150	200	300	400	500	600	PRICE
		HP	kW													
D5732KKK	CM 32/160 C	2	1,5	3 ~ 230 ÷ 400 V	4	Discharge head in meters	m³/h	24,7	24,1	23	21,5	17,2				
D5733KKK	CM 32/160 B	3	2,2	3 ~ 230 ÷ 400 V	5,2			29	28,5	27,3	25,7	21,4	14,8			
D5734KKK	CM 32/160 A	4	3	3 ~ 230 ÷ 400 V	7,1			36,8	36,4	35,4	34,2	31,1	26			
D5735KKK	CM 32/200 C	5,5	4	3 ~ 230 ÷ 400 V	9,4			41	40	38,8	37,5	34,2	30			
D5736KKK	CM 32/200 B	7,5	5,5	3 ~ 230 ÷ 400 V	14,2			53	52	51	50	46,8	42,7	37	28,7	
D5737KKK	CM 32/200 B			3 ~ 400 ÷ 690 V												
D5738KKK	CM 32/200 A	10	7,5	3 ~ 230 ÷ 400 V	16,5			61	60,5	59,5	58,5	55,5	51,5	46,2	38,5	
D5739KKK	CM 32/200 A			3 ~ 400 ÷ 690 V												
D5740KKK	CM 32/250 C	12,5	9,2	3 ~ 400 ÷ 690 V	20,1			70		68	67	63,5	58,7	50,5		
D5741KKK	CM 32/250 B	15	11	3 ~ 400 ÷ 690 V	24,2			82		80,5	79,5	77	72,6	66,5		
D5742KKK	CM 32/250 A	20	15	3 ~ 400 ÷ 690 V	30,1			93		92	91,5	89,5	85,7	80		