

# CM / CM-G / DCM / DCM-G

## ELECTRIC IN-LINE PUMPS



### TECHNICAL DATA

**Operating range:** from 1,2 to 420 m<sup>3</sup>/h with head of up to 41 metres.  
**Pumped liquid:** clean, free of solids and abrasives, non-viscous, non-aggressive, non-crystallised and chemically neutral, with properties similar to water. Maximum glycol content 30 % (for other glycol percentages contact Technical Support).  
**Liquid temperature range:**  
 from -10 °C to +130 °C for DN 40 - DN 50.  
 from -10 °C to +140 °C for the remainder of the range.  
**Maximum ambient temperature:** +40 °C.  
**Maximum operating pressure:**  
 PN10 : for DN 40 - DN 50.  
 PN16 : Remainder of the range.  
**Flanging:** PN 16.  
**Special executions on request:** Other voltages and/or frequencies.  
**Protection:** IP 55.  
**Insulation:** class F.

### APPLICATIONS

In-line port circulation pumps, suitable for heating, air conditioning, refrigeration and sanitary water systems. Available in the single and twin versions.

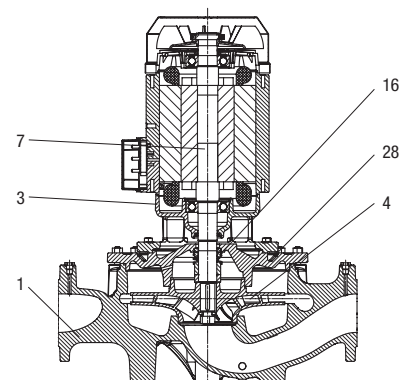
### CONSTRUCTION FEATURES

PN 10 - PN 16 flanged suction and delivery ports with threaded holes for control manometers. Cast iron pump body and motor support, cast iron or technopolymer impeller depending on mode. Stainless steel motor shaft. External ventilation three-phase asynchronous motor. For its protection we recommend the use of remote overload cut-outs, in compliance with current local regulations.

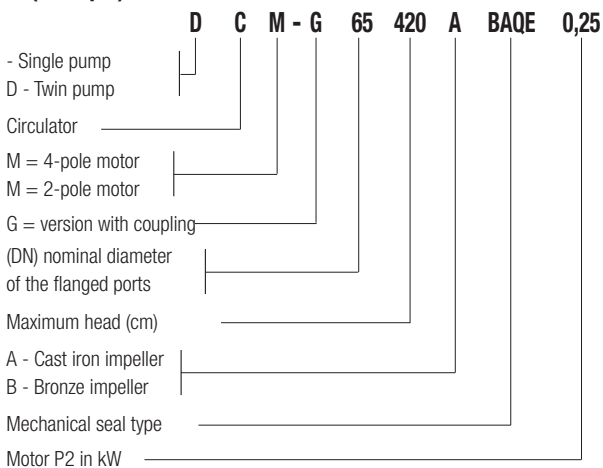
### MATERIALS

N.	PARTS*	MATERIALS
1	PUMP BODY	CAST IRON 250 UNI ISO 185
3	SUPPORT	CAST IRON 250 UNI ISO 185
4	IMPELLER	CAST IRON DN 65-80-100-125-150 / DCM Dn 40 - 50 / CM 40-1300T, CM 40-1450T, CM 50-1270T , CM 50-1420T TECHNOPOLYMER B CM 40-440T, CM 40-540T, CM 40-670T, CM 40-870T, CM 50-510T, CM 50-630T, CM 50-780T, CM 50-1000T
7	SHAFT WITH ROTOR	AISI 304 STAINLESS STEEL X5 CrNiS 1809 UNI 6900/71
16	MECHANICAL SEAL	CARBON/GRAPHITE
28	OR RING	EPDM RUBBER

\* In contact with the liquid

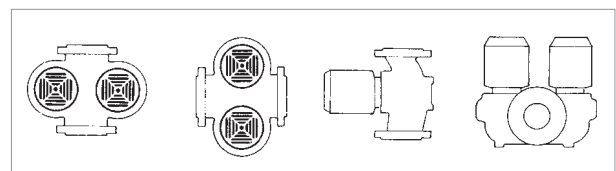
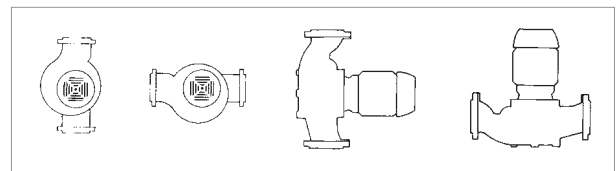


### - Denomination index: (example)



**Installation: horizontal or vertical position, provided that the motor is always above the pump.**

Vertical installation only for powers exceeding 7,5 kW.



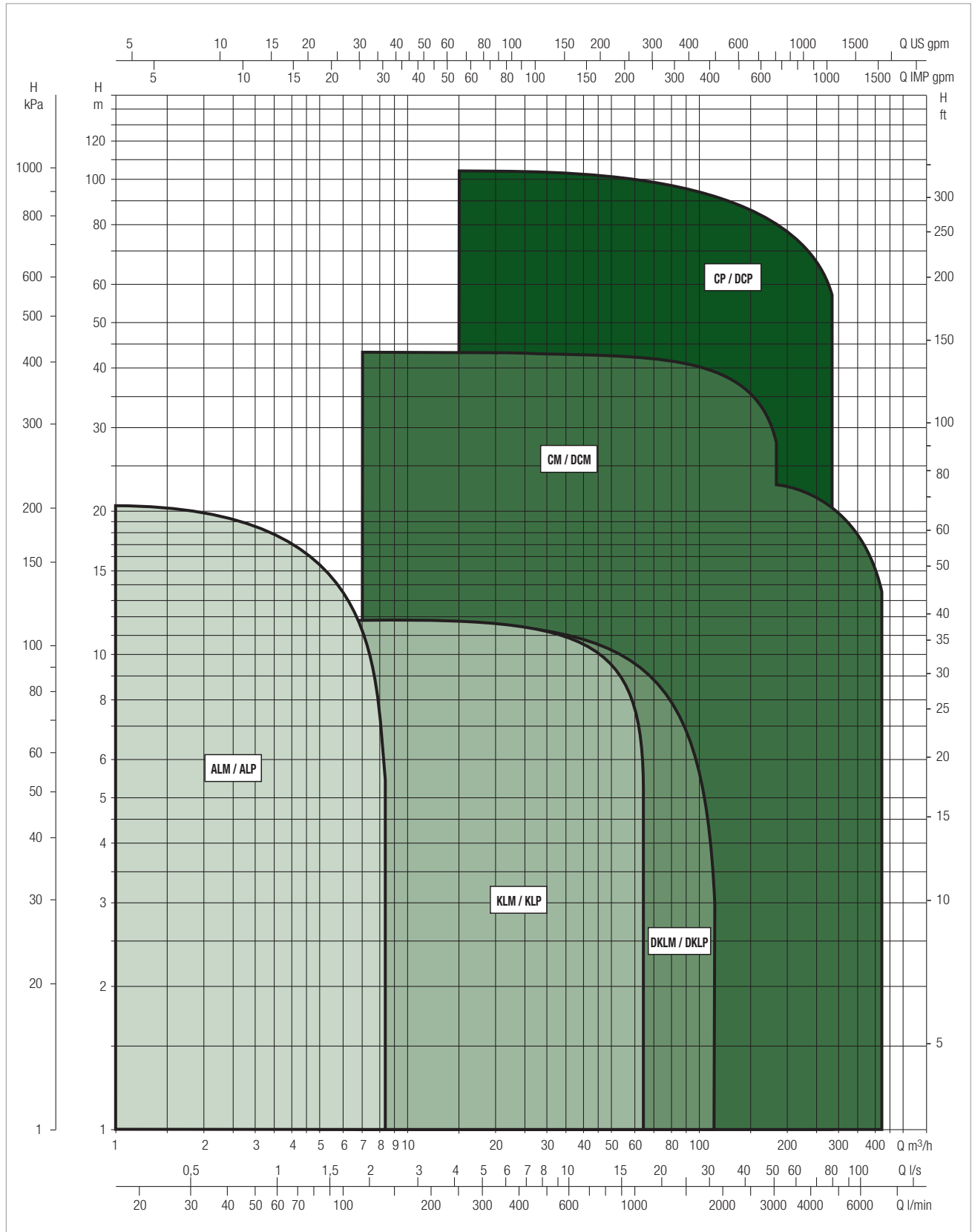
# ELECTRIC IN-LINE PUMPS

IN-LINE ELECTRIC PUMPS FOR CIRCULATION SYSTEMS

## PERFORMANCE RANGE

The performance curves are based on kinematic viscosity values = 1 mm<sup>2</sup>/s and density equal to 1000 kg/m<sup>3</sup>. Curve tolerance according to ISO 9906.

### GRAPHIC SELECTION TABLE



IN-LINE PUMPS

# CM / CM-G / DCM / DCM-G

ELECTRIC IN-LINE PUMPS

## SELECTION TABLE - CM / CM-G - 4 POLES

MODEL	Q=m <sup>3</sup> /h	0	1,2	2,4	3	3,6	4,8	6	12	18	24	30	36	42	48
	Q=l/min	0	20	40	50	60	80	100	200	300	400	500	600	700	800
CM 40-440 T	H (m)	4,4	4,4	4,3	4,3	4,2	4,1	3,8							
CM 40-540 T		5,6	5,6	5,6	5,5	5,5	5,4	5	1,8						
CM 40-670 T		6,9	6,9	6,9	6,8	6,7	6,6	6,3	3,1						
CM 40-870 T		8,7	8,7	8,6	8,6	8,5	8,3	8,2	5						
CM 40-1300 T					13	12,9	12,5	12,4	9,8	6					
CM 40-1450 T							14,4	14,3	11,8	8					

MODEL	Q=m <sup>3</sup> /h	0	1,2	2,4	3	3,6	4,8	6	12	18	24	30	36	42	48
	Q=l/min	0	20	40	50	60	80	100	200	300	400	500	600	700	800
CM 50-510 T	H (m)					5	4,6	4,2							
CM 50-630 T						6,2	5,8	5,5							
CM 50-780 T						7,7	7,4	7,1							
CM 50-1000 T						10,1	9,8	9,6	6,8						
CM 50-1270 T								12,7	11,2	8,5					
CM 50-1420 T								14,2	13	10	6				

MODEL	Q=m <sup>3</sup> /h	0	1,2	2,4	3	3,6	4,8	6	12	18	24	30	36	42	48
	Q=l/min	0	20	40	50	60	80	100	200	300	400	500	600	700	800
CM-G 65-420/A/BAQE/0,25	H (m)	4,2						4,1	3,7	3	2,1				
CM-G 65-540/A/BAQE/0,37		5,4						5,3	5	4,4	3,5				
CM-G 65-660/A/BAQE/0,55		6,6						6,5	6,2	5,7	4,8				
CM-G 65-760/A/BAQE/0,55		7,6						7,7	7,6	6,7	5,5				
CM-G 65-920/A/BAQE/0,75		9,2						9,2	9	8,4	7,4	5,7			
CM-G 65-1080/A/BAQE/1,1		10,8							10,8	10,6	10,2	9,5	8,6	7,3	
CM-G 65-1200/A/BAQE/1,5		12							12	11,9	11,5	10,8	10,1	8,9	
CM-G 65-1530/A/BAQE/2,2		15,3							15,3	15,2	14,8	14	13,3	12,1	10,8
CM-G 65-1680/A/BAQE/3		16,8							16,8	16,5	16,1	15,5	14,6	13,6	12,4
CM-G 65-2380/A/BAQE/4		23,8							24	23,8	23,4	22,7	21,6	20,4	19

# CM / CM-G / DCM / DCM-G

ELECTRIC IN-LINE PUMPS

## SELECTION TABLE - CM / CM-G - 4 POLES

MODEL	Q=m <sup>3</sup> /h	0	12	18	24	30	36	42	48	60	72	84	90	102	114	120	150	180
	Q=l/min	0	200	300	400	500	600	700	800	1000	1200	1400	1500	1700	1900	2000	2500	3000
CM-G 80-550/A/BAQE/0,55	H (m)	5,5	5,2	5	4,7	4,3	3,9	3,3	2,6									
CM-G 80-650/A/BAQE/0,75		6,5	6,3	6,1	5,8	5,5	5	4,5	3,9									
CM-G 80-740/A/BAQE/1,1		7,4	7,4	7,3	7,2	6,9	6,7	6,3	5,8	4,4								
CM-G 80-890/A/BAQE/1,5		8,9		8,8	8,7	8,6	8,3	8	7,6	6,6								
CM-G 80-1050/A/BAQE/2,2		10,5			10,4	10,3	10,2	9,9	9,6	8,8								
CM-G 80-1530/A/BAQE/3		15,3			15,4	15,3	15	14,6	14,1	12,9	11,3							
CM-G 80-1700/A/BAQE/4		17			17,2	17,2	17,1	16,8	16,5	15,7	14,3	12,6						
CM-G 80-2410/A/BAQE/5,5		24,1			23,8	23,6	23,3	22,8	22,3	20,8	18,6							
CM-G 80-2700/A/BAQE/7,5		27						26	25,5	24,5	22,7	20,2	19					
CM-G 80-3420/A/BAQE/11		34,2							33,2	33	32	30,7	29	28	25	21,7		

MODEL	Q=m <sup>3</sup> /h	0	12	18	24	30	36	42	48	60	72	84	90	102	114	120	150	180
	Q=l/min	0	200	300	400	500	600	700	800	1000	1200	1400	1500	1700	1900	2000	2500	3000
CM-G 100-510/A/BAQE/0,75	H (m)	5,1	4,9	4,8	4,7	4,7	4,4	4,2	3,8	3								
CM-G 100-650/A/BAQE/1,1		6,5	6,4	6,4	6,3	6,2	6	5,8	5,5	4,6								
CM-G 100-660/A/BAQE/1,5		6,6				6,4	6,3	6,2	6	5,6	5	4,5	4,3	3,7	3			
CM-G 100-865/A/BAQE/2,2		8,6				8,5	8,5	8,3	8,2	7,7	7,2	6,7	6,3	5,7	4,9	4,6		
CM-G 100-1020/A/BAQE/3		10,2				10,2	10,1	10	9,9	9,7	9,3	8,8	8,6	7,9	7,2	6,7		
CM-G 100-1320/A/BAQE/4		13,2							13,2	13,2	12,9	12,4	11,7	11,3	10,4	9,3	8,7	
CM-G 100-1650/A/BAQE/5,5		16,5							16,6	16,5	16,2	16	15,4	15	14,3	13,3	12,7	
CM-G 100-2050/A/BAQE/7,5		20,5							21	21	20,7	20	19,5	19	18	16,7	16	
CM-G 100-2550/A/BAQE/11		25,5							25,5	25,5	25,1	25	24,2	24	23	21,5	21	
CM-G 100-3290/A/BAQE/15		32,9									33	32,8	32	31,6	30,5	29,5	28,9	24
CM-G 100-3680/A/BAQE/18,5		36,8									37	36,8	36,5	36,1	35,5	34,5	34	29,5
CM-G 100-4100/A/BAQE/22		41									41,4	41	40,6	40,5	39,8	39	38,5	34,8

# CM / CM-G / DCM / DCM-G

## ELECTRIC IN-LINE PUMPS

### SELECTION TABLE - CM / CM-G - 4 POLES

MODEL	Q=m <sup>3</sup> /h	0	60	72	84	90	102	114	120	150	180	210
	Q=l/min	0	1000	1200	1400	1500	1700	1900	2000	2500	3000	3500
CM-G 125-1075/A/BAQE/4	H (m)	10,8	10,1	10	9,7	9,5	9,1	8,5	8,3	7	5,4	
CM-G 125-1270/A/BAQE/5,5		12,7	12,6	12,5	12,4	12,3	12	11,5	11,4	10,1	8,5	
CM-G 125-1560/A/BAQE/7,5		15,6	15,4	15,3	15,1	15	14,7	14,5	14,3	13,3	11,6	9,8
CM-G 125-2100/A/BAQE/11		21	21,5	21,5	21,2	21	20,9	20	19,8	18	16	
CM-G 125-2550/A/BAQE/15		25,5	25,5	25,5	25,1	25,1	25	24,5	24	22,5	20,5	17,5
CM-G 125-3200/A/BAQE/18,5		32			31,5	31,4	31	30,5	28,8	26	23	
CM-G 125-3600/A/BAQE/22		36			35,5	35,2	35	34,6	33,2	31	28	24
CM-G 125-4022/A/BAQE/30		40,2			39,7	39,3	39,1	38,7	37,1	34,6	31,3	26,8

MODEL	Q=m <sup>3</sup> /h	0	84	90	102	114	120	150	180	210	250	300	360	390	420
	Q=l/min	0	1400	1500	1700	1900	2000	2500	3000	3500	4167	5000	6000	6500	7000
CM-G 150-955/A/BAQE/5,5	H (m)	9,6		9,6	9,5	9,4	9,3	8,7	7,8	6,7	5,5				
CM-G 150-1322/A/BAQE/7,5		13,2		13	12,8	12,6	12,5	11,9	11,1	10,1	8,5				
CM-G 150-1600/A/BAQE/11		16			15,5	15,5	15,4	14,8	14	13	11	9,2			
CM-G 150-1950/A/BAQE/15		19,5			19,5	19,4	19,3	19,2	18,7	17,8	16	14,1	10,9		
CM-G 150-2200/A/BAQE/18,5		22			22	21,9	21,8	21,7	21,4	20,5	19	17,2	14	12	
CM-G 150-2405/A/BAQE/22		24,1			23,9	23,9	23,8	23,6	23,2	22,7	21,8	20,2	17,5	15,6	14

### SELECTION TABLE - DCM - 4 POLES

MODEL	Q=m <sup>3</sup> /h	1,8	2,4	3,0	4,5	6	9	10,5	12	13,5	15	18
	Q=l/min	30	40	50	75	100	150	175	200	225	250	300
DCM 40/380 T	H (m)	3,8	3,7	3,6	3,15	2,6						
DCM 40/460 T			4,6	4,5	4,1	3,6	2,2					
DCM 40/620 T				6,2	6	5,8	4,5	3,9	3			

# CM / CM-G / DCM / DCM-G

ELECTRIC IN-LINE PUMPS

## SELECTION TABLE - DCM / DCM-G - 4 POLES

MODEL	Q=m <sup>3</sup> /h	1,8	2,4	3,0	4,5	6	9	10,5	12	13,5	15	18
	Q=l/min	30	40	50	75	100	150	175	200	225	250	300
DCM 50/460 T	H (m)					4,6	4,3	4,1	3,9	3,6	3,3	2,4
DCM 50/630 T						6,3	6,1	6	5,8	5,5	5,2	4,6
DCM 50/880 T						8,8	8,3	8	7,7	7,3	6,9	5,9

MODEL	Q=m <sup>3</sup> /h	0	6	12	18	24	30	36	42	48	54
	Q=l/min	0	100	200	300	400	500	600	700	800	900
DCM-G 65-420/A/BAQE/0,25	H (m)	4,2	4,1	2,8	1,5	0,9					
DCM-G 65-540/A/BAQE/0,37		5,4	5,0	4,5	3,2	2,0					
DCM-G 65-660/A/BAQE/0,55		6,5	6,4	5,9	4,4	3,1					
DCM-G 65-760/A/BAQE/0,55		7,5	7,6	7,3	5,4	4,0					
DCM-G 65-920/A/BAQE/0,75		9,1	9,1	8,8	7,4	5,8	3,5				
DCM-G 65-1080/A/BAQE/1,1		10,8		10,7	10,4	9,7	8,8	7,7	6,2		
DCM-G 65-1200/A/BAQE/1,5		12,0		11,9	11,6	11,0	10,0	9,0	7,6		
DCM-G 65-1530/A/BAQE/2,2		15,3		15,2	15,0	14,4	13,4	12,5	11,0	9,5	
DCM-G 65-1680/A/BAQE/3		16,8		16,7	16,3	15,7	14,9	13,7	12,4	11,0	9,3
DCM-G 65-2380/A/BAQE/4		23,8		23,9	23,5	22,8	21,8	20,3	18,6	16,8	14,5

MODEL	Q=m <sup>3</sup> /h	0	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102	114
	Q=l/min	0	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900
DCM-G 80-550/A/BAQE/0,55	H (m)	5,5	5,1	4,7	4,1	3,4	2,6	1,9	1,1									
DCM-G 80-650/A/BAQE/0,75		6,5	6,2	5,8	5,2	4,5	3,7	2,9	2,1									
DCM-G 80-740/A/BAQE/1,1		7,1			6,8	6,3	5,9	5,1	4,3	3,5	2,5							
DCM-G 80-890/A/BAQE/1,5		8,5			8,3	8,0	7,5	6,8	6,1	5,3	4,4	3,5						
DCM-G 80-1050/A/BAQE/2,2		10,1			10,1	9,9	9,5	9,0	8,4	7,7	6,9			3,8				
DCM-G 80-1530/A/BAQE/3		14,4			14,1	13,7	13,0	12,2	11,3	10,2	9,2	8,0	6,8					
DCM-G 80-1700/A/BAQE/4		16,0			15,7	15,5	15,3	14,6	14,0	13,2	12,3	11,2	10,0	8,9	7,7			
DCM-G 80-2410/A/BAQE/5,5		24,1					23,3	22,7	22,0	21,1	20,2	18,9	17,6	16,2				
DCM-G 80-2700/A/BAQE/7,5		27,0					26,1	26,1	25,5	24,9	24,2	23,2	22,1	20,7	19,3	17,9		
DCM-G 80-3420/A/BAQE/11		34,2					33,3	33,3	32,9	32,3	31,8	30,9	29,9	29,0	27,8	24,4	22,0	20,8

# CM / CM-G / DCM / DCM-G

## ELECTRIC IN-LINE PUMPS

### SELECTION TABLE - DCM-G - 4 POLES

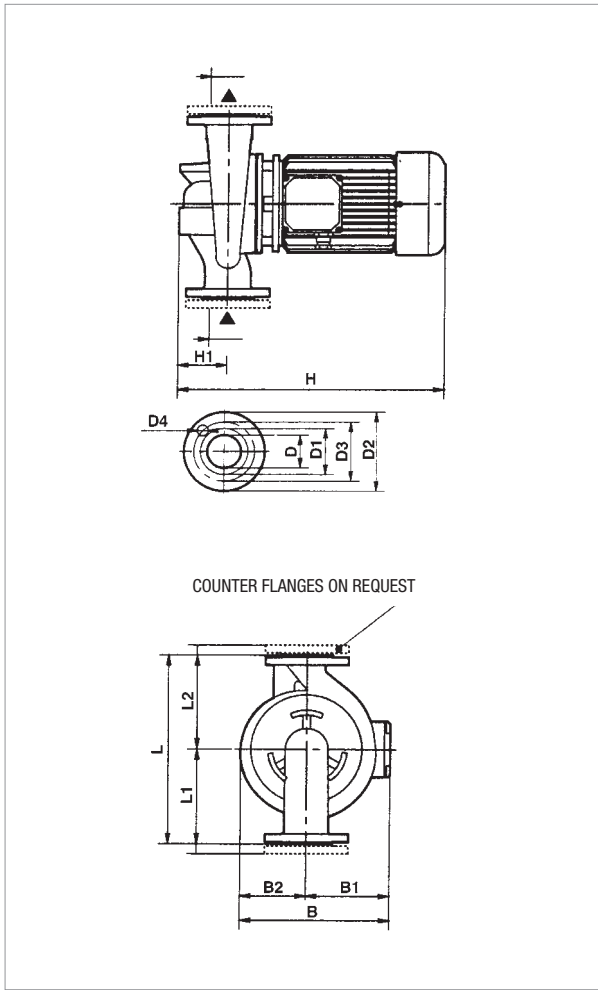
MODEL	Q=m <sup>3</sup> /h	0	12	18	24	30	36	42	48	54	60	66	72	78	84	90	102	114	120	150	180	
	Q=l/min	0	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000	
DCM-G 100-510/A/BAQE/0,75	H (m)	4,9	4,8	4,7	4,6	4,5	4,0	3,7	3,2	2,6	2,1											
DCM-G 100-650/A/BAQE/1,1		6,3	6,3	6,3	6,1	5,9	5,5	5,1	4,6	4,0	3,3											
DCM-G 100-660/A/BAQE/1,5		6,6				6,4	6,2	6,0	5,8	5,6	5,3	4,9	4,5	4,1	3,7	3,4	2,6	1,8				
DCM-G 100-865/A/BAQE/2,2		8,6				8,5	8,4	8,1	8,0	7,7	7,4	7,0	6,6	6,1	5,7	5,2	4,2	3,2	2,8			
DCM-G 100-1020/A/BAQE/3		10,2				10,2	10,0	9,8	9,6	9,5	9,3	8,9	8,5	8,0	7,5	7,1	5,9	4,7	4,0			
DCM-G 100-1320/A/BAQE/4		13,2						13,2	13,1	13,0	12,8	12,4	11,9	11,3	10,8	10,2	8,8	7,4	6,6			
DCM-G 100-1650/A/BAQE/5,5		16,5						16,5	16,4	16,3	16,0	15,8	15,5	14,9	14,4	13,7	12,4	10,8	10,0			
DCM-G 100-2050/A/BAQE/7,5		19,3								19,2	18,8	18,5	17,9	17,6	17,2	16,6	15,5	14,1	13,3			
DCM-G 100-2550/A/BAQE/11		24,0								23,3	22,8	22,6	22,4	21,9	21,4	21,0	19,8	18,1	17,5			
DCM-G 100-3290/A/BAQE/15		30,9								30,5	30,3	30,1	29,9	29,4	28,8	28,3	27,0	25,8	25,1	20,0		
DCM-G 100-3680/A/BAQE/18,5		34,6								34,2	34,0	33,7	33,5	33,1	32,9	32,4	31,5	30,2	29,5	24,5		
DCM-G 100-4100/A/BAQE/22		41,0								41,4	41,4	41,2	41,0	40,8	40,6	40,5	39,8	39,0	38,5	34,8	29,0	

MODEL	Q=m <sup>3</sup> /h	0	60	66	72	78	84	90	102	114	120	150	180	210
	Q=l/min	0	1000	1100	1200	1300	1400	1500	1700	1900	2000	2500	3000	3500
DCM-G 125-1075/A/BAQE/4	H (m)	10,0	9,5	9,4	9,2	9,0	8,7	8,4	7,7	6,8	6,5	4,4	2,4	
DCM-G 125-1270/A/BAQE/5,5		11,7	11,8	11,7	11,5	11,4	11,1	10,8	10,2	9,2	8,9	6,4	3,8	
DCM-G 125-1560/A/BAQE/7,5		14,4	14,6	14,6	14,4	14,2	14,0	13,8	13,2	12,7	12,3	10,2	7,5	4,9
DCM-G 125-2100/A/BAQE/11		20,1					19,9	19,6	19,3	18,2	17,8	15,4	12,7	
DCM-G 125-2550/A/BAQE/15		24,5					23,8	23,7	23,4	22,7	22,1	20,0	17,4	13,9
DCM-G 125-3200/A/BAQE/18,5		30,7					29,6	29,3	28,6	27,7	25,9	22,2	18,3	
DCM-G 125-3600/A/BAQE/22		34,5					33,7	33,3	32,8	32,1	30,6	27,6	23,7	19,1
DCM-G 125-4022/A/BAQE/30		39,0					38,9	38,5	37,6	36,6	36,1	33,2	29,5	24,7

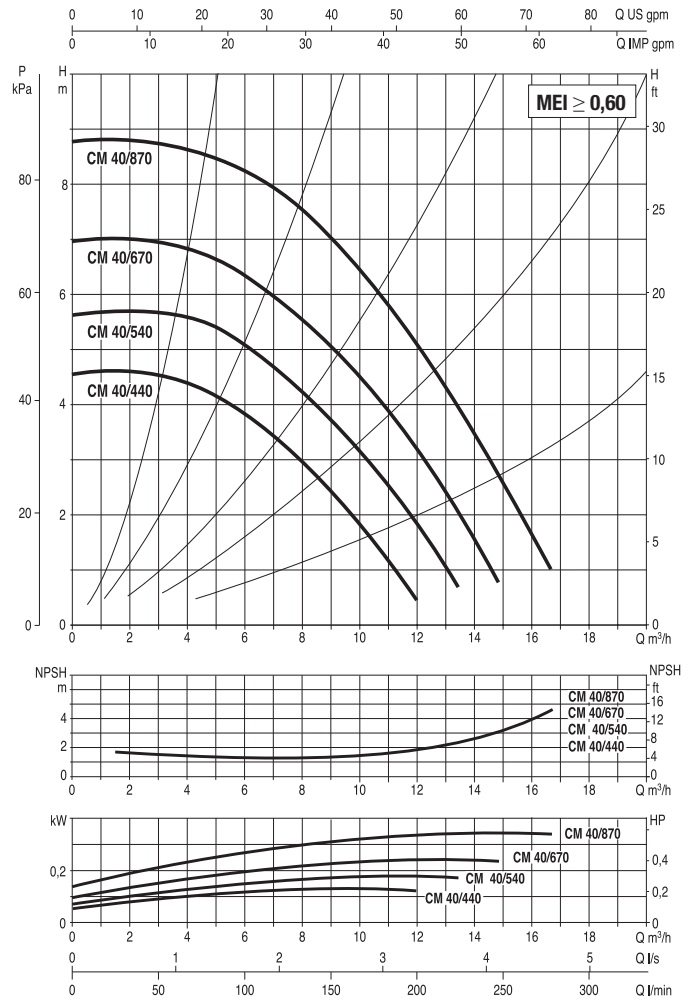
MODEL	Q=m <sup>3</sup> /h	0	90	102	114	120	150	180	210	240	250	270	300	330	360	390	420
	Q=l/min	0	1500	1700	1900	2000	2500	3000	3500	4000	4167	4500	5000	5500	6000	6500	7000
DCM-G 150-955/A/BAQE/5,5	H (m)	9,6				8,1	7,0	6,2	4,9	3,5	2,8						
DCM-G 150-1322/A/BAQE/7,5		11,8	11,5	11,5	11,4	11,0	10,0	8,5	7,2	6,0	5,5						
DCM-G 150-1600/A/BAQE/11		14,8		14,2	14,2	14,0	13,4	12,5	11,4	10,1	9,4	8,8	7,5				
DCM-G 150-1950/A/BAQE/15		18,1		17,9	17,8	17,7	17,5	16,9	15,9	14,8	14,0	13,5	12,0	10,5	8,9		
DCM-G 150-2200/A/BAQE/18,5		20,2		20,7	20,6	20,4	20,2	19,7	18,5	17,3	16,6	15,0	14,2	12,2	10,5	8,5	
DCM-G 150-2405/A/BAQE/22		22,5		22,2	22,0	21,9	21,4	21,0	20,0	19,0	18,5	17,8	16,0	14,0	12,0	9,7	

# CM 40 4 POLES- IN-LINE ELECTRIC PUMPS FOR HEATING, AIR CONDITIONING, REFRIGERATION, SOLAR, AND SANITARY SYSTEMS - SINGLE, FLANGED

Pumped liquid temperature range: from -10 °C to +130 °C - Maximum ambient temperature: +40 °C



The performance curves are based on kinematic viscosity values = 1 mm<sup>2</sup>/s and density equal to 1000 kg/m<sup>3</sup>. Curve tolerance according to ISO 9906.



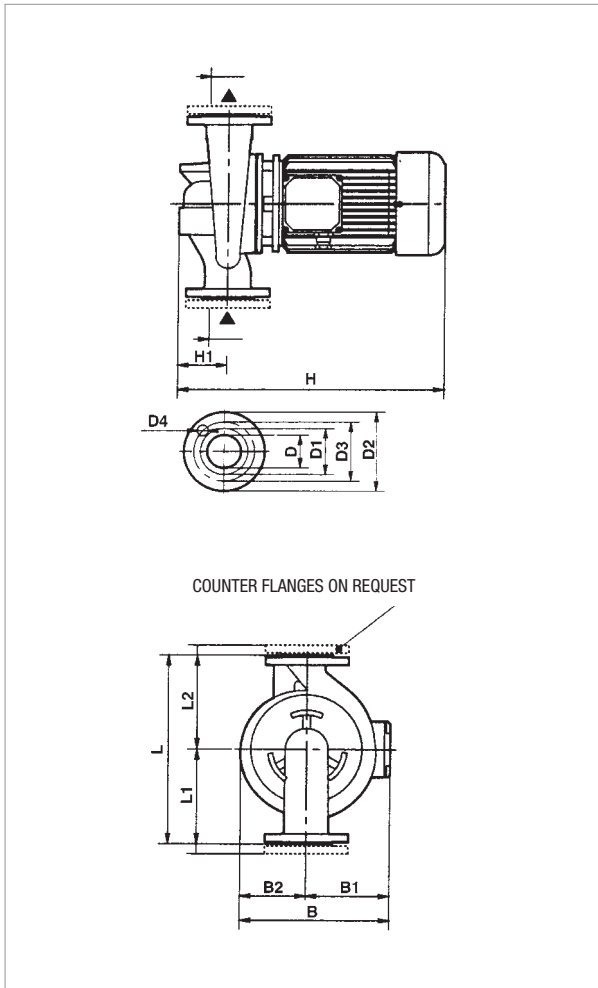
MODEL	CENTRE DISTANCE	PUMP CONNECTIONS	ELECTRICAL DATA								MOTOR TYPE	
			POWER INPUT 50 Hz	n r.p.m.	P1 MAX W	P2 NOMINAL		In A				
						kW	HP	230	400			
CM 40-440 T	390	DN 40	3 x 230 - 400 V ~	1480	0,28	0,75	1,00	-	-	1,8	1,0	IE2
CM 40-540 T	390	DN 40	3 x 230 - 400 V ~	1480	0,33	0,75	1,00	-	-	1,8	1,0	IE2
CM 40-670 T	390	DN 40	3 x 230 - 400 V ~	1480	0,39	0,75	1,00	-	-	1,8	1,1	IE2
CM 40-870 T	390	DN 40	3 x 230 - 400 V ~	1480	0,51	0,75	1,00	-	-	1,9	1,1	IE2

MODEL	L	L1	L2	B	B1	B2	H		H1	D	D1	D2	D3	D4 no. of holes	PACKING DIMENSIONS			VOLUME (m <sup>3</sup> )	WEIGHT kg	
							-	IE2							L/A	L/B	H		-	IE2
CM 40/440 T	390	200	190	231	118	113	-	453	95	40 PN 16	88	150	110	4 Ø 18	680	330	580	0,13	-	41
CM 40/540 T	390	200	190	231	118	113	-	453	95	40 PN 16	88	150	110		680	330	580	0,13	-	41
CM 40/670 T	390	200	190	231	118	113	-	453	95	40 PN 16	88	150	110		680	330	580	0,13	-	41
CM 40/870 T	390	200	190	231	118	113	-	453	95	40 PN 16	88	150	110		680	330	580	0,13	-	41

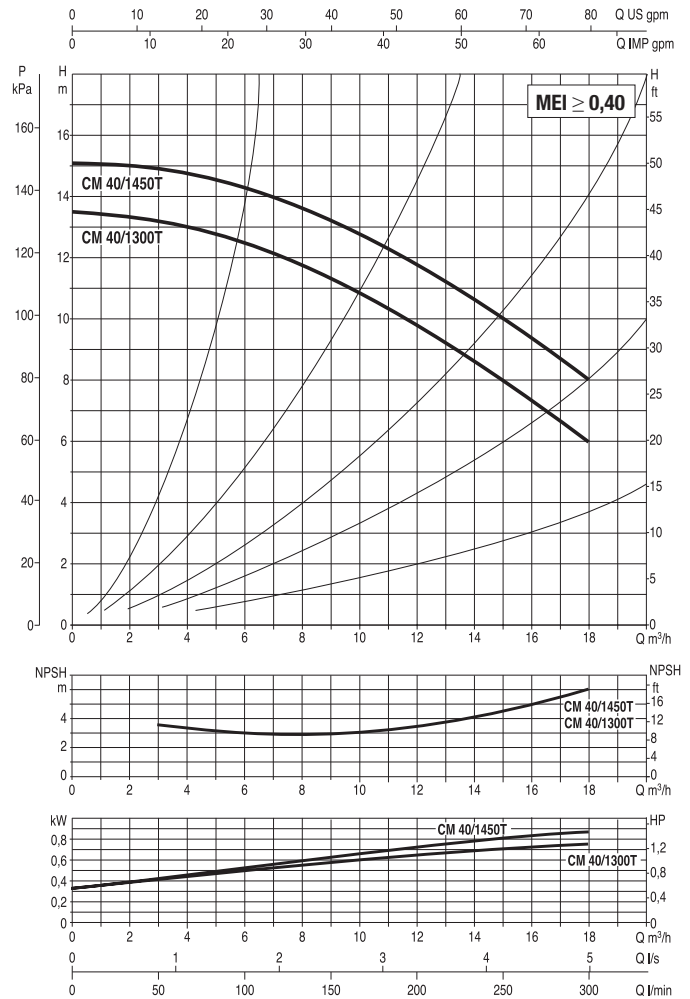


# CM 40 4 POLES- IN-LINE ELECTRIC PUMPS FOR HEATING, AIR CONDITIONING, REFRIGERATION, SOLAR, AND SANITARY SYSTEMS - SINGLE, FLANGED

Pumped liquid temperature range: from -10 °C to +130 °C - Maximum ambient temperature: +40 °C



The performance curves are based on kinematic viscosity values = 1 mm<sup>2</sup>/s and density equal to 1000 kg/m<sup>3</sup>. Curve tolerance according to ISO 9906.

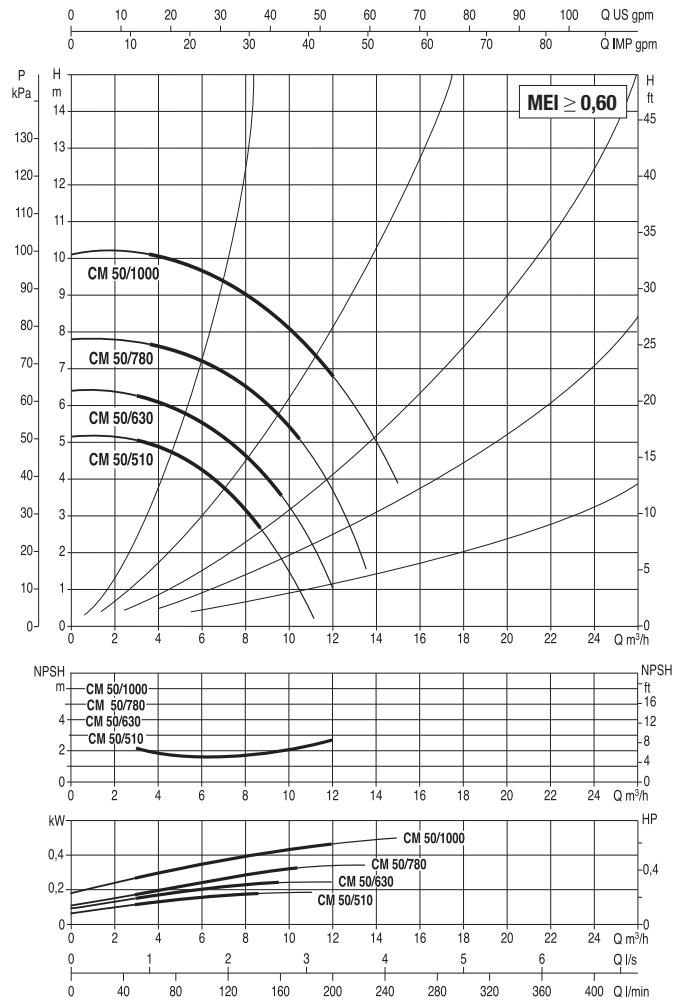
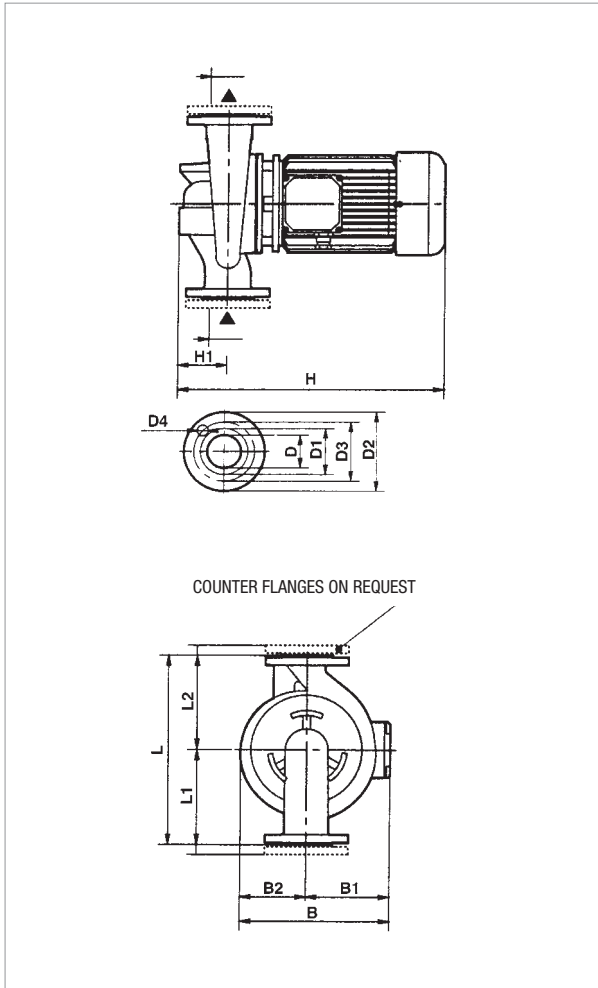


MODEL	CENTRE DISTANCE	PUMP CONNECTIONS	ELECTRICAL DATA								MOTOR TYPE	
			POWER INPUT 50 Hz	n r.p.m.	P1 MAX W	P2 NOMINAL		In A				
						kW	HP	230	400			
CM 40-1300 T	380	DN 40	3x230 - 400V ~	1450	1,1	0,75	1,00	-	-	3,3	1,9	IE2
CM 40-1450 T	380	DN 40	3x230 - 400V ~	1450	1,2	1,10	1,50	-	-	4,3	2,5	IE2

MODEL	L	L1	L2	B	B1	B2	H		H1	D	D1	D2	D3	D4 no. of holes	PACKING DIMENSIONS			VOLUME (m <sup>3</sup> )	WEIGHT kg	
							-	IE2							L/A	L/B	H		-	IE2
							CM 40/1300 T	380							200	180	245		118	127
CM 40/1450 T	380	200	180	245	118	127	-	445	100	40 PN 6	88	150	110	4 Ø 18	450	270	465	0,4	-	31

# CM 50 4 POLES- IN-LINE ELECTRIC PUMPS FOR HEATING, AIR CONDITIONING, REFRIGERATION, SOLAR, AND SANITARY SYSTEMS - SINGLE, FLANGED

Pumped liquid temperature range: from -10 °C to +130 °C - Maximum ambient temperature: +40 °C



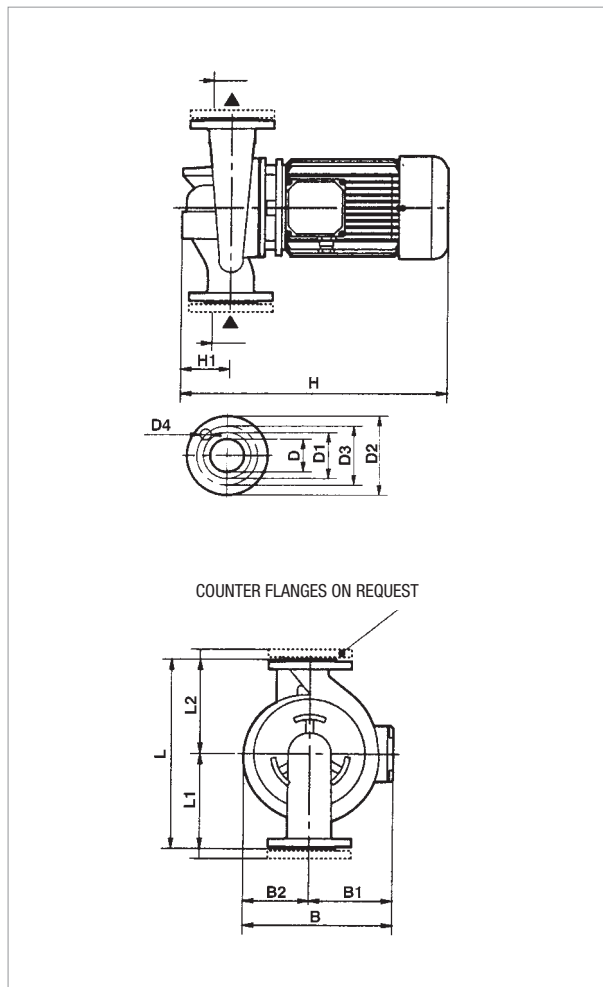
The performance curves are based on kinematic viscosity values = 1 mm<sup>2</sup>/s and density equal to 1000 kg/m<sup>3</sup>. Curve tolerance according to ISO 9906.

MODEL	CENTRE DISTANCE	PUMP CONNECTIONS	ELECTRICAL DATA									MOTOR TYPE
			POWER INPUT 50 Hz	n r.p.m.	P1 MAX W	P2 NOMINAL		In A				
						kW	HP	-		IE2		
CM 50-510 T	425	DN 50	3x230 - 400 V~	1480	0,35	0,75	1,00	-	-	1,8	1,0	IE2
CM 50-630 T	425	DN 50	3x230 - 400 V~	1480	0,5	0,75	1,00	-	-	1,9	1,1	IE2
CM 50-780 T	425	DN 50	3x230 - 400 V~	1470	0,5	0,75	1,00	-	-	1,9	1,1	IE2
CM 50-1000 T	425	DN 50	3x230 - 400 V~	1470	0,64	0,75	1,00	-	-	2,1	1,2	IE2

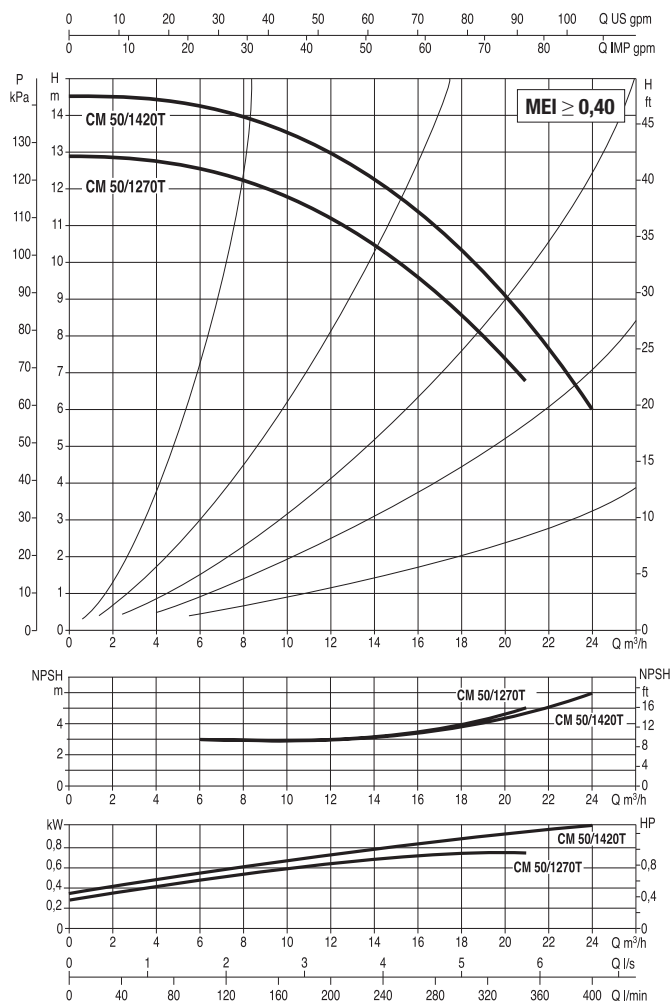
MODEL	L	L1	L2	B	B1	B2	H		H1	D	D1	D2	D3	D4 no. of holes	PACKING DIMENSIONS			VOLUME (m <sup>3</sup> )	WEIGHT kg	
							-	IE2							L/A	L/B	H		-	IE2
							CM 50/510 T	425							225	200	233		120	113
CM 50/630 T	425	225	200	233	120	113	-	463	105	50 PN 16	102	165	125	680	330	580	0,13	-	46,6	
CM 50/780 T	425	225	200	233	120	113	-	463	105	50 PN 16	102	165	125	680	330	580	0,13	-	46,6	
CM 50/1000 T	425	225	200	233	120	113	-	463	105	50 PN 16	102	165	125	680	330	580	0,13	-	46,6	

# CM 50 4 POLES- IN-LINE ELECTRIC PUMPS FOR HEATING, AIR CONDITIONING, REFRIGERATION, SOLAR, AND SANITARY SYSTEMS - SINGLE, FLANGED

Pumped liquid temperature range: from -10 °C to +130 °C - Maximum ambient temperature: +40 °C



The performance curves are based on kinematic viscosity values = 1 mm<sup>2</sup>/s and density equal to 1000 kg/m<sup>3</sup>. Curve tolerance according to ISO 9906.

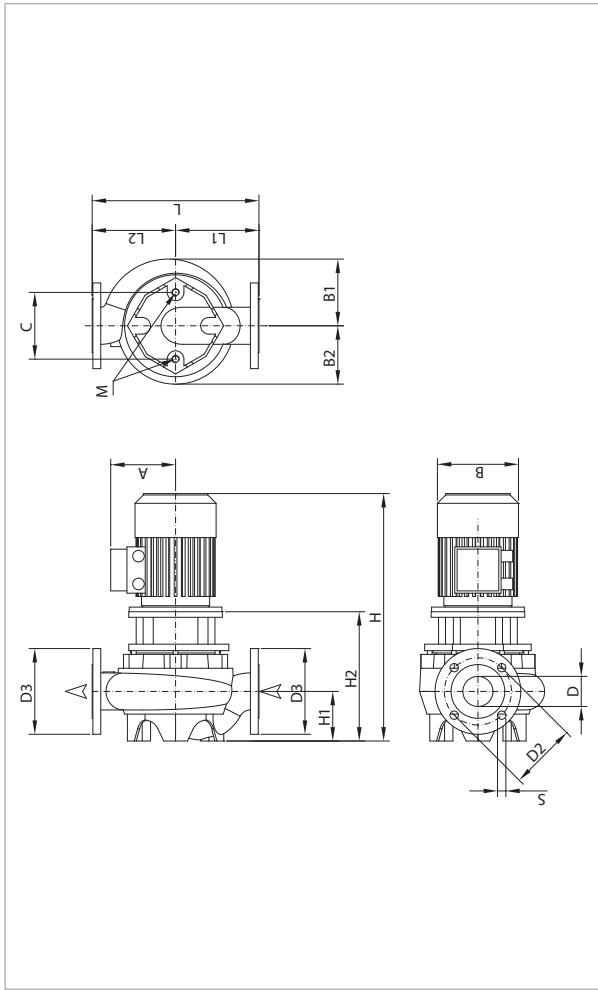


MODEL	CENTRE DISTANCE	PUMP CONNECTIONS	ELECTRICAL DATA									
			POWER INPUT 50 Hz	n r.p.m.	P1 MAX W	P2 NOMINAL		In A				MOTOR TYPE
						kW	HP	-		IE2		
CM 50-1270 T	400	DN 50	3x230 - 400V ~	1450	1,4	1,10	1,50	-	-	4,3	2,5	IE2
CM 50-1420 T	400	DN 50	3x230 - 400V ~	1450	1,4	1,10	1,50	-	-	4,3	2,5	IE2

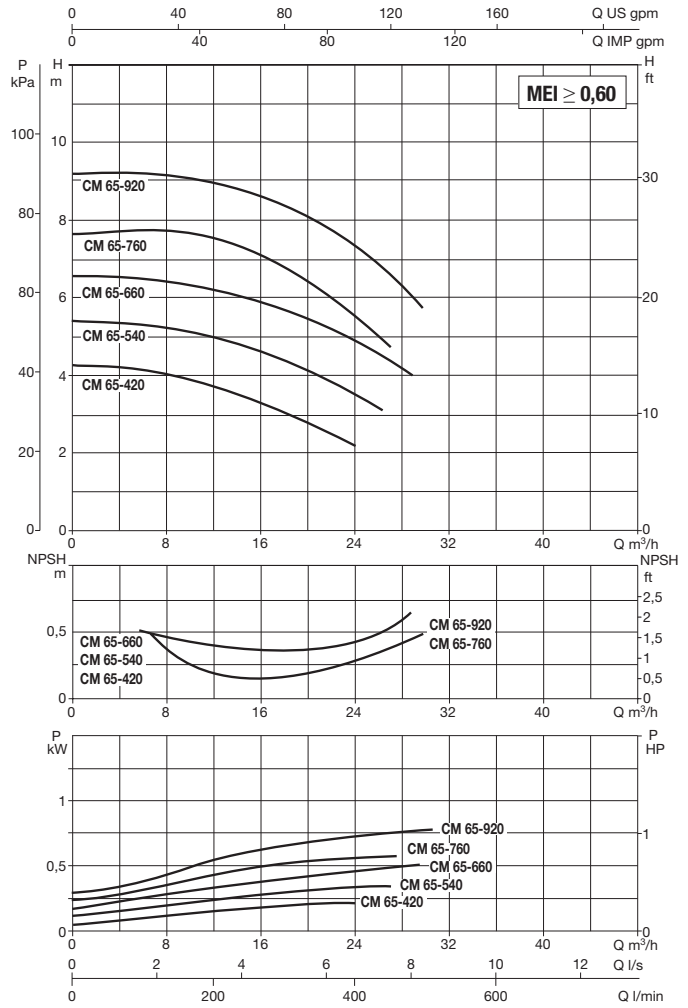
MODEL	L	L1	L2	B	B1	B2	H		H1	D	D1	D2	D3	D4 no. of holes	PACKING DIMENSIONS			VOLUME (m <sup>3</sup> )	WEIGHT kg	
							-	IE2							L/A	L/B	H		-	IE2
							CM 50/1270 T	400							220	180	280		149	131
CM 50/1420 T	400	220	180	280	149	131	-	495	110	50 PN 10	102	165	125	4	520	320	535	0,6	-	36

# CM-G 65 4 POLES- IN-LINE ELECTRIC PUMPS FOR HEATING, AIR CONDITIONING, REFRIGERATION, SOLAR, AND SANITARY SYSTEMS - SINGLE, FLANGED

Pumped liquid temperature range: from -10 °C to +140 °C - Maximum ambient temperature: +40 °C



The performance curves are based on kinematic viscosity values = 1 mm<sup>2</sup>/s and density equal to 1000 kg/m<sup>3</sup>. Curve tolerance according to ISO 9906.

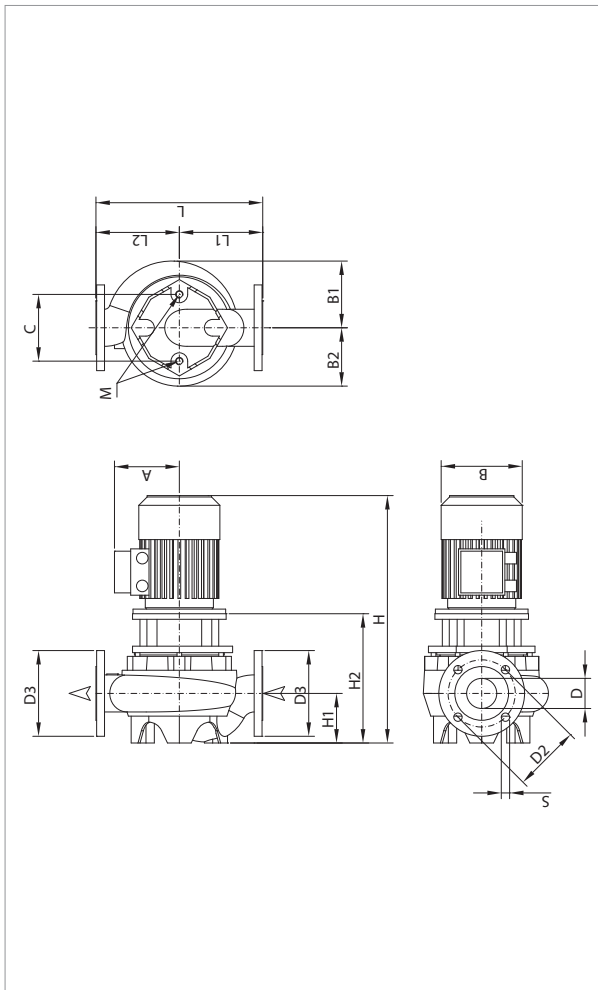


MODEL	CENTRE DISTANCE	PUMP CONNECTIONS	ELECTRICAL DATA										MOTOR TYPE	MOTOR SIZE	I st. A	
			POWER INPUT 50 Hz	n r.p.m.	P1 MAX W	P2 NOMINAL		In A				-			IE2	
						kW	HP	-		IE2						
CM-G 65-420/A/BAQE/0,25	360	DN 65	3 x 230 - 400 V ~	1400	0,4	0,25	0,33	1,6	0,9	-	-	-	MEC 71	4.6/2.6	-	
CM-G 65-540/A/BAQE/0,37	360	DN 65	3 x 230 - 400 V ~	1380	0,6	0,37	0,50	1,7	0,98	-	-	-	MEC 71	8.1/4.6	-	
CM-G 65-660/A/BAQE/0,55	360	DN 65	3 x 230 - 400 V ~	1400	0,8	0,55	0,75	2,6	1,5	-	-	-	MEC 80M	13.9/8	-	
CM-G 65-760/A/BAQE/0,55	360	DN 65	3 x 230 - 400 V ~	1390	0,8	0,55	0,75	2,6	1,5	-	-	-	MEC 80M	13.9/8	-	
CM-G 65-920/A/BAQE/0,75	360	DN 65	3 x 230 - 400 V ~	1430	1,2	0,75	1,00	-	-	3,57	2,06	IE2	MEC 80M	-	23.7/13.7	

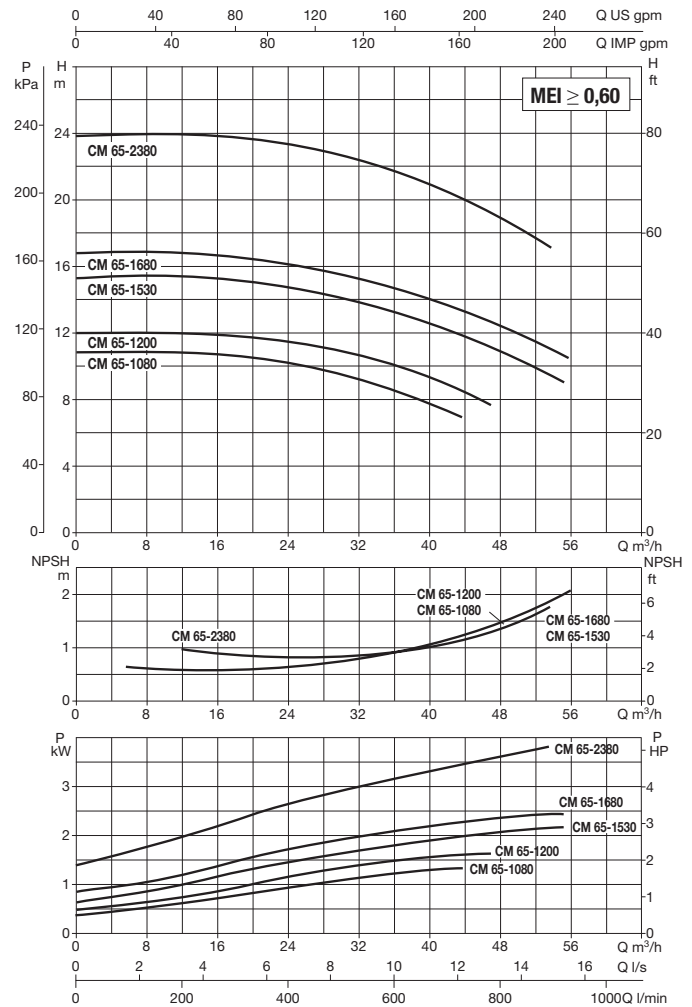
MODEL	A		B1	B2	C	D	D2	D3	S	no. of holes	H						M	PACKING DIMENSIONS			VOL. (m <sup>3</sup> )	WEIGHT kg		
	-	IE2									-	IE2	H1	H2	L	L1		L2	L/A	L/B		H	-	IE2
CM-G 65-540/A/BAQE/0,37	124	-	144	126	144	65	145	185	18	479	-	107	254	360	180	180	M16	689	426	834	0,245	55	-	
CM-G 65-660/A/BAQE/0,55	140	-	144	126	144	65	145	185	18	534	-	107	279	360	180	180	M16	689	426	834	0,245	65	-	
CM-G 65-760/A/BAQE/0,55	140	-	144	126	144	65	145	185	18	534	-	107	279	360	180	180	M16	689	426	834	0,245	73	-	
CM-G 65-920/A/BAQE/0,75	-	140	144	126	144	65	145	185	18	-	534	107	279	360	180	180	M16	689	426	834	0,245	-	73	

# CM-G 65 4 POLES- IN-LINE ELECTRIC PUMPS FOR HEATING, AIR CONDITIONING, REFRIGERATION, SOLAR, AND SANITARY SYSTEMS - SINGLE, FLANGED

Pumped liquid temperature range: from -10 °C to +140 °C - Maximum ambient temperature: +40 °C



The performance curves are based on kinematic viscosity values = 1 mm<sup>2</sup>/s and density equal to 1000 kg/m<sup>3</sup>. Curve tolerance according to ISO 9906.



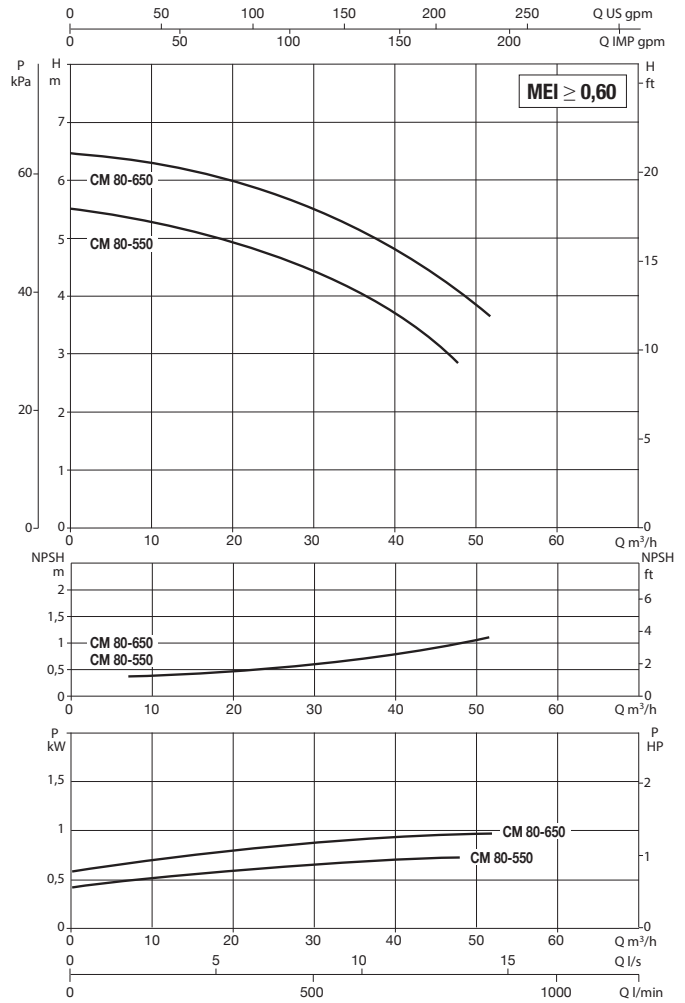
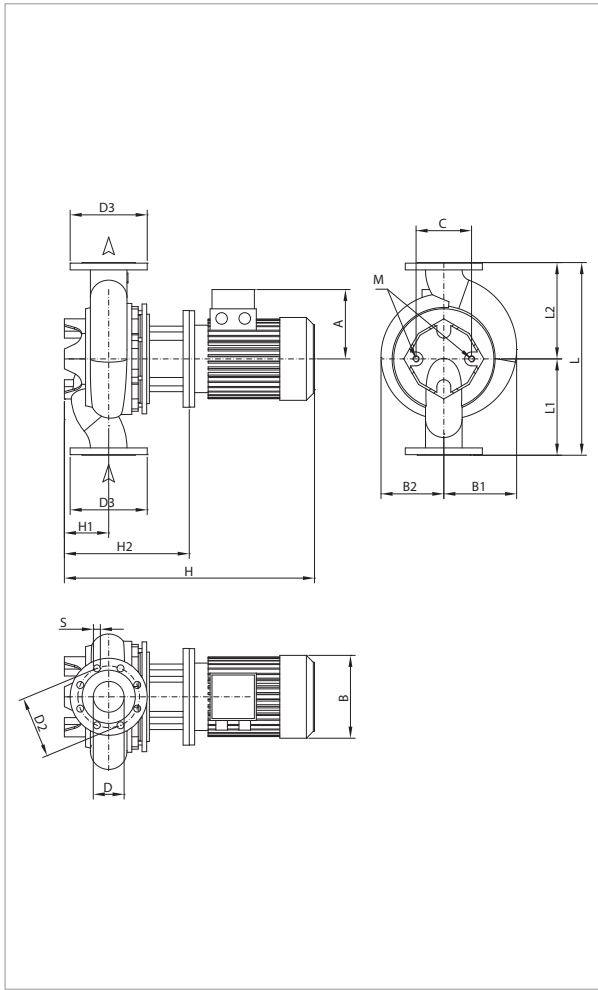
MODEL	CENTRE DISTANCE	PUMP CONNECTIONS	ELECTRICAL DATA											I st. A	
			POWER INPUT 50 Hz	n r.p.m.	P1 MAX W	P2 NOMINAL		In A				MOTOR TYPE	MOTOR SIZE		
						kW	HP	-	400	230	400				
CM-G 65-1080/A/BAQE/1,1	475	DN 65	3 x 230 - 400V ~	1435	1,6	1,10	1,50	-	-	4,7	2,7	IE2	MEC 90S	-	34/19.6
CM-G 65-1200/A/BAQE/1,5	475	DN 65	3 x 230 - 400V ~	1430	2,0	1,50	2,00	-	-	6,2	3,6	IE2	MEC 90L	-	41.6/24
CM-G 65-1530/A/BAQE/2,2	475	DN 65	3 x 230 - 400V ~	1455	2,9	2,20	3,00	-	-	8,7	5,0	IE2	MEC 100L	-	73.5/42.4
CM-G 65-1680/A/BAQE/3	475	DN 65	3 x 400 V ~ <sup>1</sup>	1448	2,7	3,00	4,00	-	-	6,2	-	IE2	MEC 100L	-	43,2
CM-G 65-2380/A/BAQE/4	475	DN 65	3 x 400 V ~ <sup>1</sup>	1449	4,3	4,00	5,50	-	-	7,9	-	IE2	MEC 112M	-	69,3

<sup>1</sup> star start-up possible (Δ)

MODEL	A		B1	B2	C	D	D2	D3	S	no. of holes	H		H1	H2	L	L1	L2	M	PACKING DIMENSIONS			VOL. (m <sup>3</sup> )	WEIGHT kg	
	-	IE2									-	IE2							L/A	L/B	H		-	IE2
	CM-G 65-1080/A/BAQE/1,1	-	160	180	164	144	65	145	185	18	4	-	586	125	291	475	237,5	237,5	M16	689	426	834	0,245	-
CM-G 65-1200/A/BAQE/1,5	-	160	180	164	144	65	145	185	18	-		626	125	291	475	237,5	237,5	M16	689	426	834	0,245	-	85
CM-G 65-1530/A/BAQE/2,2	-	180	180	164	144	65	145	185	18	-		644	125	319	475	237,5	237,5	M16	689	426	834	0,245	-	96
CM-G 65-1680/A/BAQE/3	-	180	180	164	144	65	145	185	18	-		644	125	319	475	237,5	237,5	M16	689	426	834	0,245	-	88
CM-G 65-2380/A/BAQE/4	-	190	180	164	144	65	145	185	18	-		729	125	319	475	237,5	237,5	M16	689	426	1084	0,318	-	111

# CM-G 80 4 POLES- IN-LINE ELECTRIC PUMPS FOR HEATING, AIR CONDITIONING, REFRIGERATION, SOLAR, AND SANITARY SYSTEMS - SINGLE, FLANGED

Pumped liquid temperature range: from -10 °C to +140 °C - Maximum ambient temperature: +40 °C



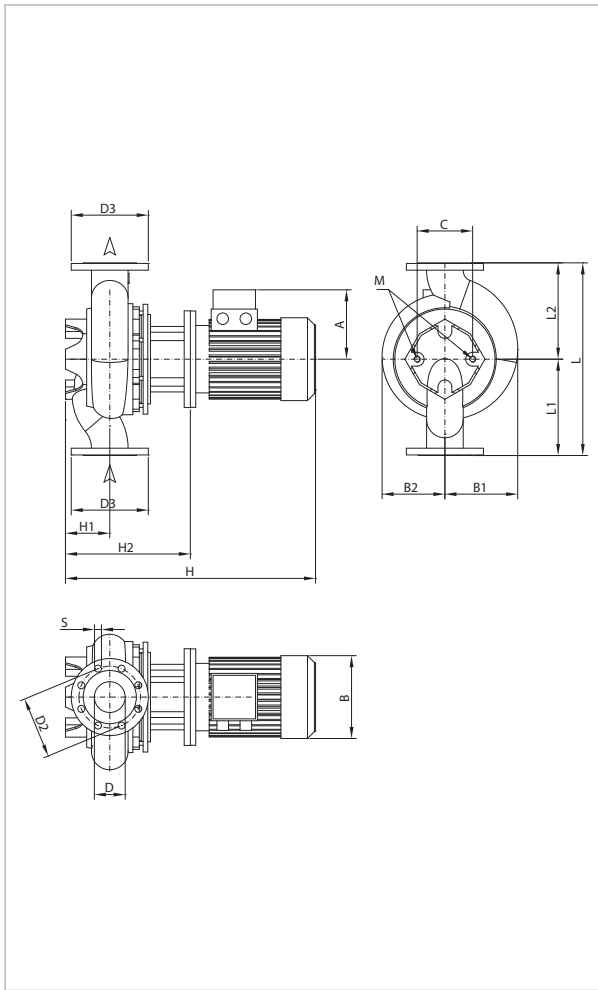
The performance curves are based on kinematic viscosity values = 1 mm<sup>2</sup>/s and density equal to 1000 kg/m<sup>3</sup>. Curve tolerance according to ISO 9906.

MODEL	CENTRE DISTANCE	PUMP CONNECTIONS	ELECTRICAL DATA												
			POWER INPUT 50 Hz	n r.p.m.	P1 MAX W	P2 NOMINAL		In A				MOTOR TYPE	MOTOR SIZE	I st. A	
						kW	HP	-	400	230	400			-	IE2
CM-G 80-550/A/BAQE/0,55	360	DN 80	3 x 230 - 400V ~	1390	0,8	0,55	0,8	2,6	1,5	-	-	-	MEC 80M	13.9/8	-
CM-G 80-650/A/BAQE/0,75	360	DN 80	3 x 230 - 400V ~	1430	1,2	0,75	1,0	-	-	3,6	2,1	IE2	MEC 80M	-	23.7/13.7

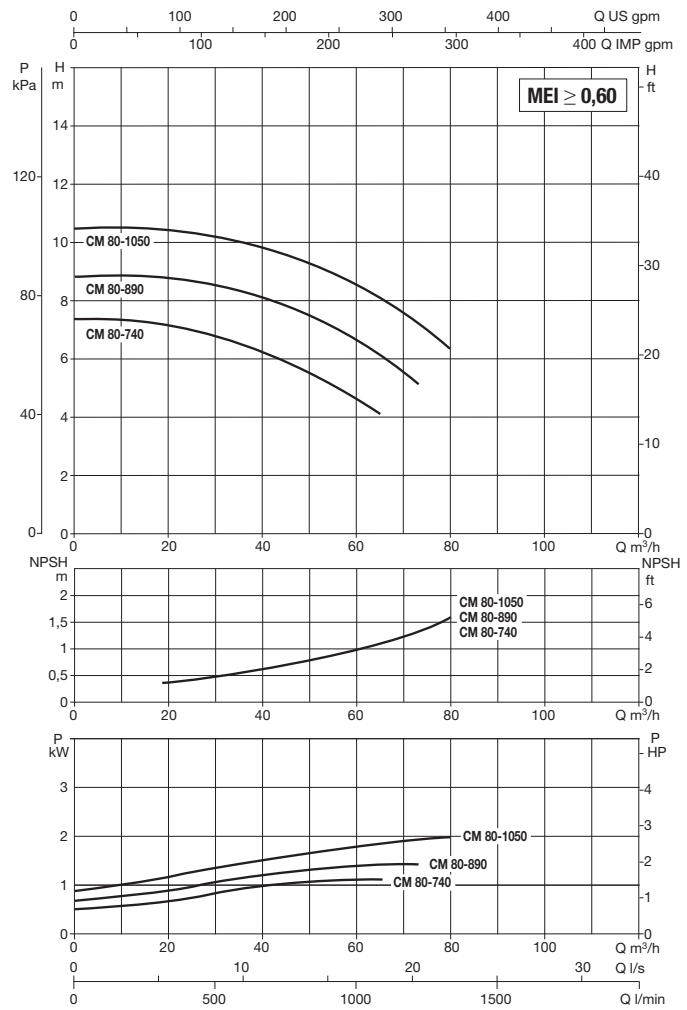
MODEL	A		B1	B2	C	D	D2	D3	S	no. of holes	H						M	PACKING DIMENSIONS			VOL. (m <sup>3</sup> )	WEIGHT kg		
	-	IE2									-	IE2	H1	H2	L	L1		L2	L/A	L/B		H	-	IE2
	CM-G 80-550/A/BAQE/0,55	140	-	135	118	144	80	160	200	18	8	536	-	105	281	360	180	180	M16	689	426	834	0,245	67
CM-G 80-650/A/BAQE/0,75	-	140	135	118	144	80	160	200	18	-		536	105	281	360	180	180	M16	689	426	834	0,245	-	67

# CM-G 80 4 POLES- IN-LINE ELECTRIC PUMPS FOR HEATING, AIR CONDITIONING, REFRIGERATION, SOLAR, AND SANITARY SYSTEMS - SINGLE, FLANGED

Pumped liquid temperature range: from -10 °C to +140 °C - Maximum ambient temperature: +40 °C



The performance curves are based on kinematic viscosity values = 1 mm<sup>2</sup>/s and density equal to 1000 kg/m<sup>3</sup>. Curve tolerance according to ISO 9906.

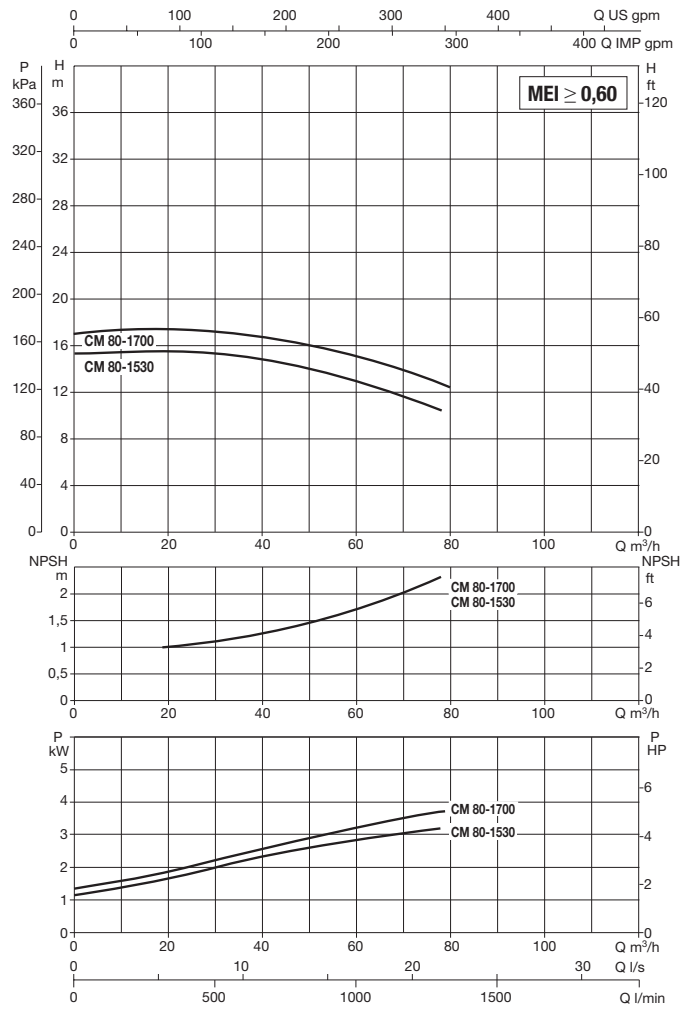
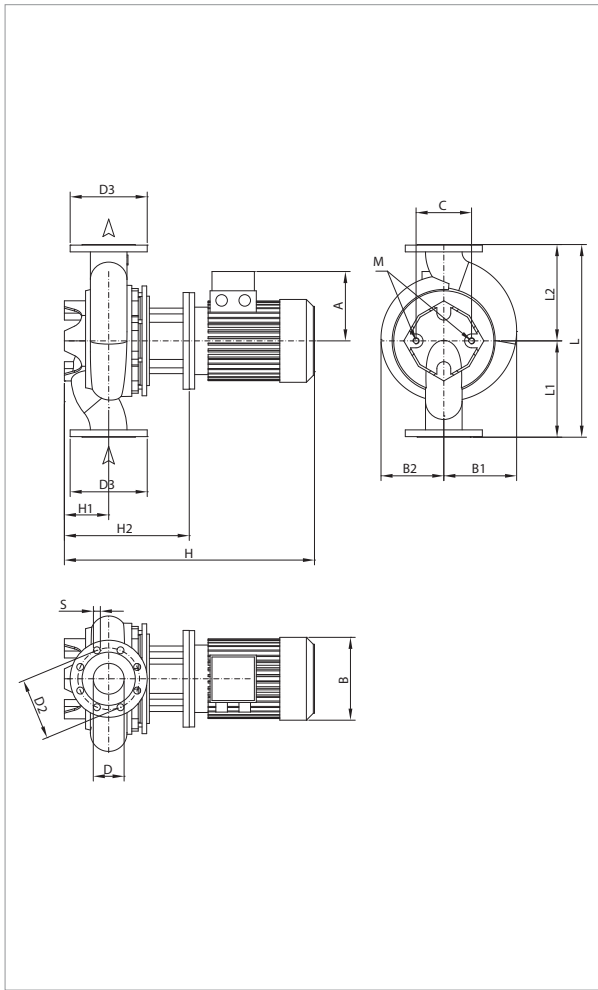


MODEL	CENTRE DISTANCE	PUMP CONNECTIONS	ELECTRICAL DATA												
			POWER INPUT 50 Hz	n r.p.m.	P1 MAX W	P2 NOMINAL		In A				MOTOR TYPE	MOTOR SIZE	I st. A	
						kW	HP	-		IE2				-	IE2
CM-G 80-740/A/BAQE/1,1	440	DN 80	3 x 230 - 400V ~	1439	1,5	1,10	1,5	-	-	4,7	2,7	IE2	MEC 90S	-	34/19.6
CM-G 80-890/A/BAQE/1,5	440	DN 80	3 x 230 - 400V ~	1430	2,0	1,50	2,0	-	-	6,2	3,6	IE2	MEC 90L	-	41.6/24
CM-G 80-1050/A/BAQE/2,2	440	DN 80	3 x 230 - 400V ~	1450	2,4	2,20	3,0	-	-	8,7	5,0	IE2	MEC 100L	-	73.5/42.4

MODEL	A		B1	B2	C	D	D2	D3	S	no. of holes	H		H1	H2	L	L1	L2	M	PACKING DIMENSIONS			VOL. (m <sup>3</sup> )	WEIGHT kg	
	-	IE2									-	IE2							L/A	L/B	H		-	IE2
	CM-G 80-740/A/BAQE/1,1	-	160	178	145	144	80	160	200	18	8	-	586	115	291	440	220	220	M16	689	426	834	0,245	-
CM-G 80-890/A/BAQE/1,5	-	160	178	145	144	80	160	200	18	8	-	626	115	291	440	220	220	M16	689	426	834	0,245	-	81
CM-G 80-1050/A/BAQE/2,2	-	180	178	145	144	80	160	200	18	8	-	644	115	319	440	220	220	M16	689	426	834	0,245	-	90

# CM-G 80 4 POLES- IN-LINE ELECTRIC PUMPS FOR HEATING, AIR CONDITIONING, REFRIGERATION, SOLAR, AND SANITARY SYSTEMS - SINGLE, FLANGED

Pumped liquid temperature range: from -10 °C to +140 °C - Maximum ambient temperature: +40 °C



The performance curves are based on kinematic viscosity values = 1 mm<sup>2</sup>/s and density equal to 1000 kg/m<sup>3</sup>. Curve tolerance according to ISO 9906.

MODEL	CENTRE DISTANCE	PUMP CONNECTIONS	ELECTRICAL DATA										
			POWER INPUT 50 Hz	n r.p.m.	P1 MAX W	P2 NOMINAL		In A		MOTOR TYPE	MOTOR SIZE	I st. A	
						kW	HP	-	IE2			-	IE2
CM-G 80-1530/A/BAQE/3	500	DN 80	3 x 400 V ~ <sup>1</sup>	1441	3,6	3,00	4,0	-	6,2	IE2	MEC 100L	-	43,2
CM-G 80-1700/A/BAQE/4	500	DN 80	3 x 400 V ~ <sup>1</sup>	1452	3,9	4,00	5,5	-	7,9	IE2	MEC 112M	-	69,3

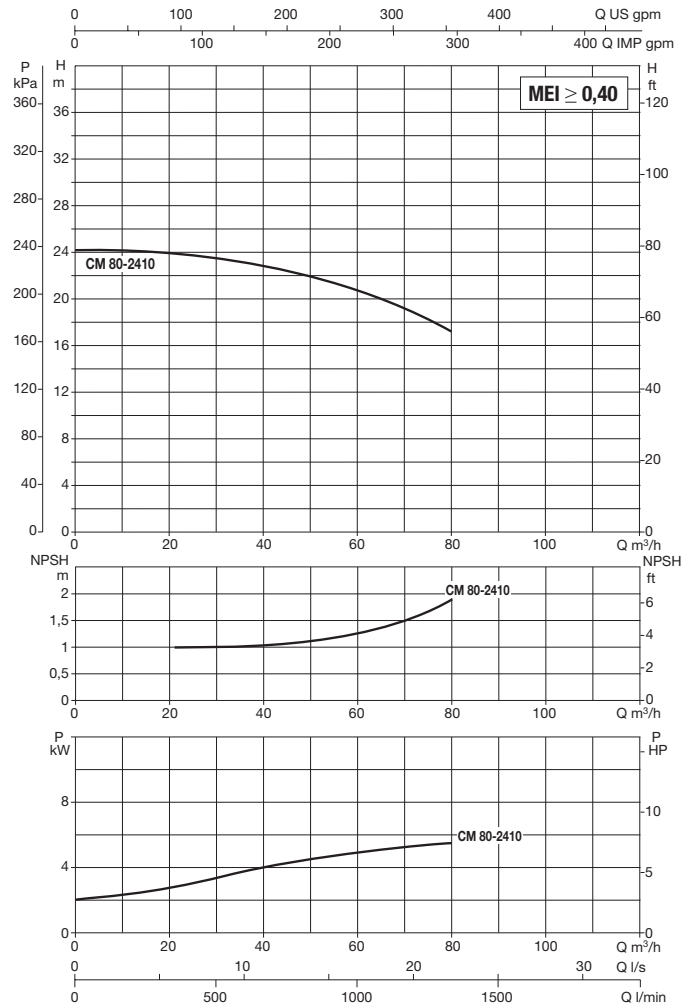
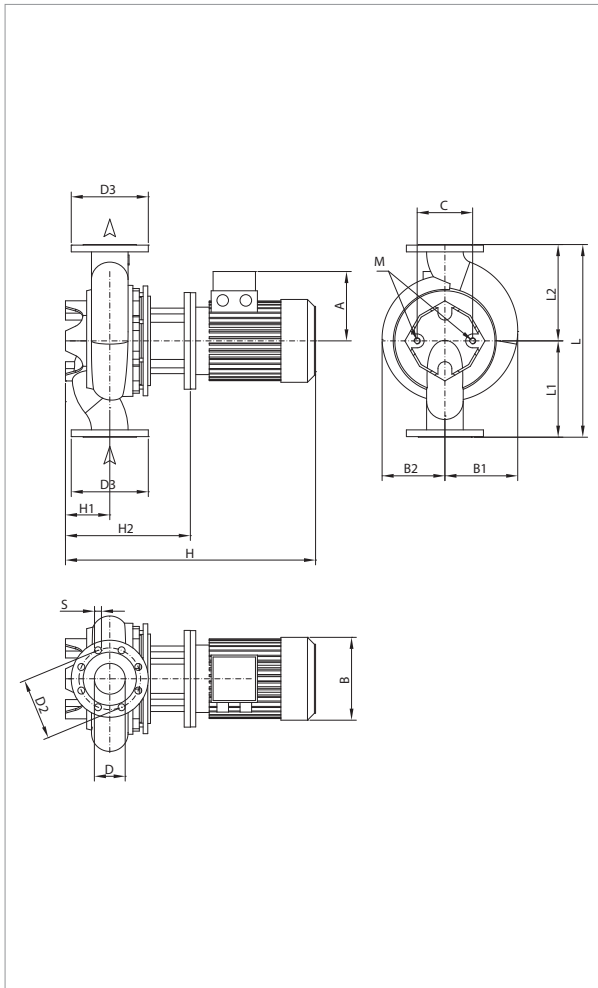
<sup>1</sup> star start-up possible (Δ)

MODEL	A		B1	B2	C	D	D2	D3	S	no. of holes	H						M	PACKING DIMENSIONS			VOL. (m <sup>3</sup> )	WEIGHT kg		
	-	IE2									-	IE2	H1	H2	L	L1		L2	L/A	L/B		H	-	IE2
	CM-G 80-1530/A/BAQE/3	-	180	189	164	144	80	160	200	18	8	-	644	115	319	500	250	250	M16	689	426	834	0,245	-
CM-G 80-1700/A/BAQE/4	-	190	189	164	144	80	160	200	18	-		729	115	319	500	250	250	M16	739	626	1107	0,512	-	117



# CM-G 80 4 POLES- IN-LINE ELECTRIC PUMPS FOR HEATING, AIR CONDITIONING, REFRIGERATION, SOLAR, AND SANITARY SYSTEMS - SINGLE, FLANGED

Pumped liquid temperature range: from -10 °C to +140 °C - Maximum ambient temperature: +40 °C



The performance curves are based on kinematic viscosity values = 1 mm<sup>2</sup>/s and density equal to 1000 kg/m<sup>3</sup>. Curve tolerance according to ISO 9906.

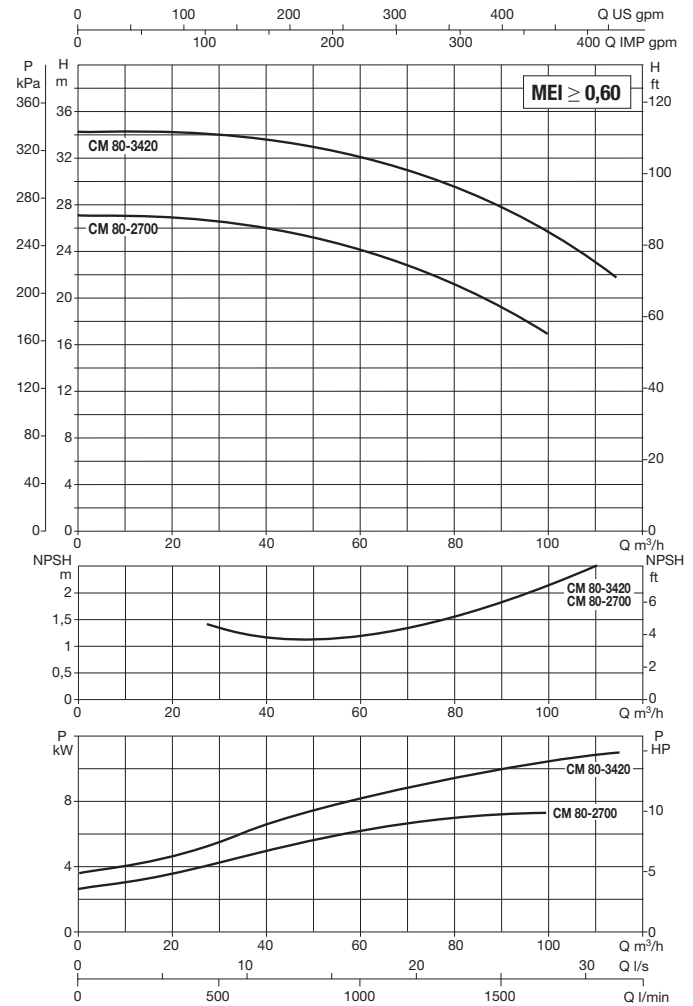
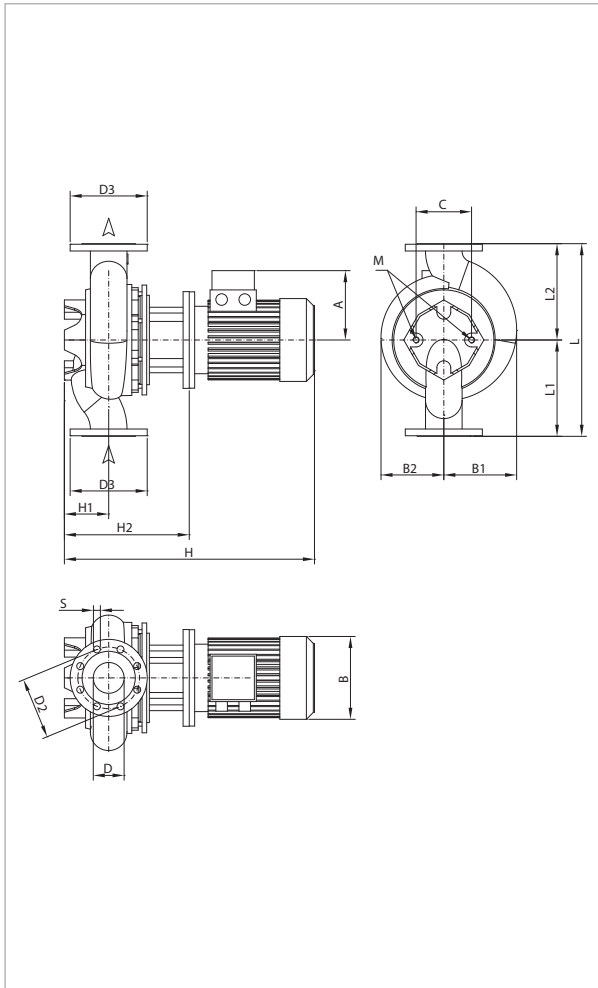
MODEL	CENTRE DISTANCE	PUMP CONNECTIONS	ELECTRICAL DATA										
			POWER INPUT 50 Hz	n r.p.m.	P1 MAX W	P2 NOMINAL		In A		MOTOR TYPE	MOTOR SIZE	I st. A	
						kW	HP	-	IE2			-	IE2
CM-G 80-2410/A/BAQE/5,5	620	DN 80	3 x 400 V ~ <sup>1</sup>	1461	6,5	5,50	7,5	-	10,6	IE2	MEC 132S	-	84,5

<sup>1</sup> star start-up possible (Δ)

MODEL	A		B1	B2	C	D	D2	D3	S	no. of holes	H		H1	H2	L	L1	L2	M	PACKING DIMENSIONS			VOL. (m <sup>3</sup> )	WEIGHT kg	
	-	IE2									-	IE2							L/A	L/B	H		-	IE2
CM-G 80-2410/A/BAQE/5,5	-	210	245	224	230	80	160	200	18	8	-	803	140	413	620	310	310	M16	739	626	1107	0,512	-	198

# CM-G 80 4 POLES- IN-LINE ELECTRIC PUMPS FOR HEATING, AIR CONDITIONING, REFRIGERATION, SOLAR, AND SANITARY SYSTEMS - SINGLE, FLANGED

Pumped liquid temperature range: from -10 °C to +140 °C - Maximum ambient temperature: +40 °C



The performance curves are based on kinematic viscosity values = 1 mm<sup>2</sup>/s and density equal to 1000 kg/m<sup>3</sup>. Curve tolerance according to ISO 9906.

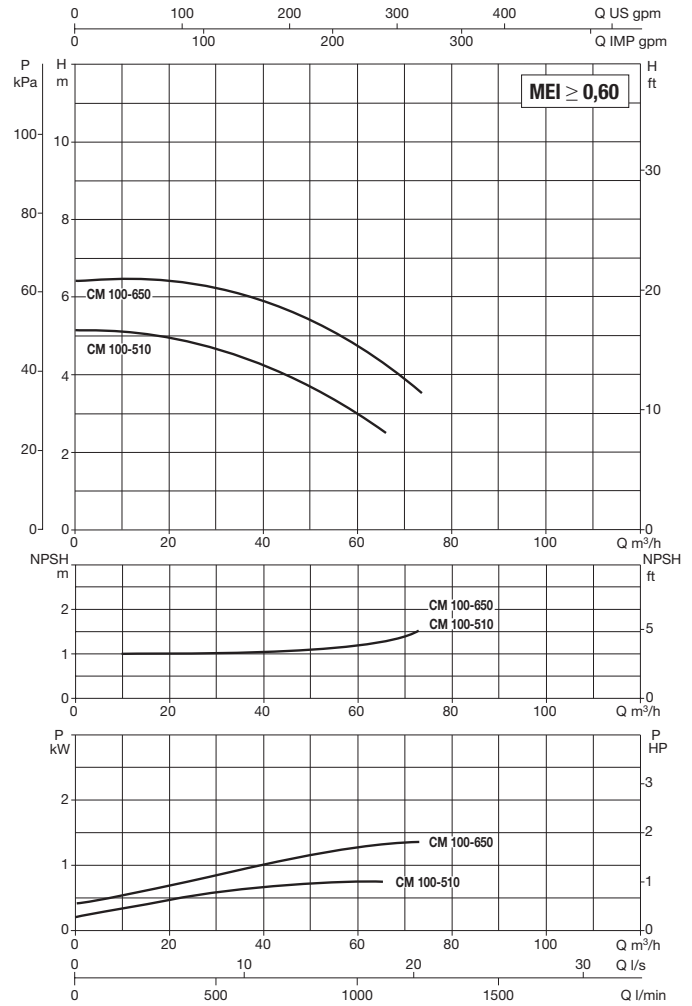
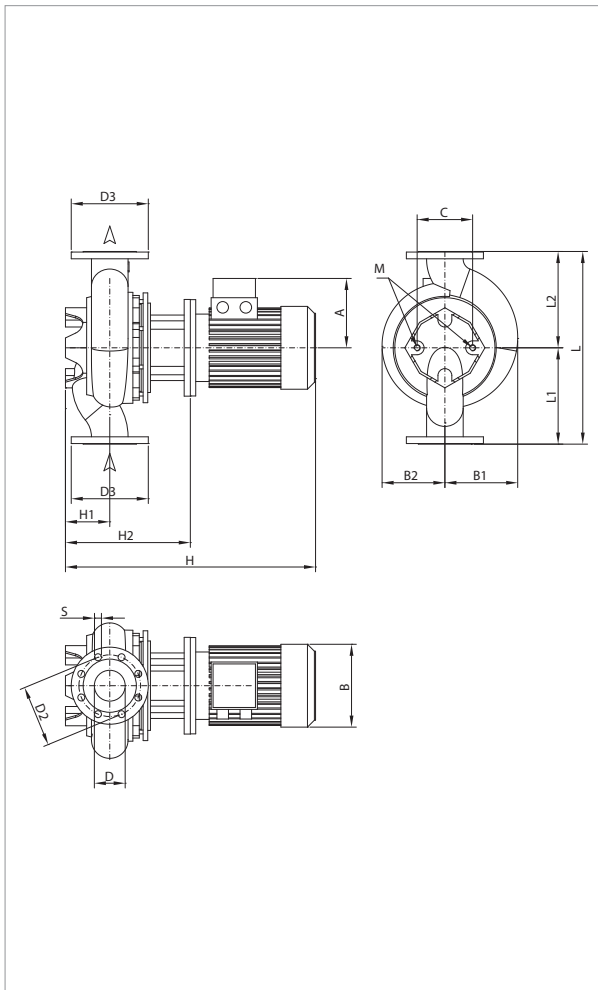
MODEL	CENTRE DISTANCE	PUMP CONNECTIONS	ELECTRICAL DATA										
			POWER INPUT 50 Hz	n r.p.m.	P1 MAX W	P2 NOMINAL		In A		MOTOR TYPE	MOTOR SIZE	I st. A	
						kW	HP	IE2	IE3			IE2	IE3
CM-G 80-2700/A/BAQE/7,5	620	DN 80	3 x 400 V ~ 1	1463	8,7	7,50	10,0	14,2	14,6	IE2 / IE3	MEC 132M	124	124,1
CM-G 80-3420/A/BAQE/11	620	DN 80	3 x 400 V ~ 1	1472	12,7	11,00	15,0	21,6	20,5	IE2 / IE3	MEC 160M	180	172,2

<sup>1</sup> star start-up possible (A)

MODEL	A		B1	B2	C	D	D2	D3	S	no. of holes	H						M	PACKING DIMENSIONS			VOL. (m <sup>3</sup> )	WEIGHT kg		
	IE2	IE3									IE2	IE3	H1	H2	L	L1		L2	L/A	L/B		H	IE2	IE3
	CM-G 80-2700/A/BAQE/7,5	210	188	245	224	230	80	160	200	18	8	843	850	140	413	620	310	310	M16	739	626	1107	0,512	206
CM-G 80-3420/A/BAQE/11	248	249	245	224	230	80	160	200	18	948		948	140	413	620	310	310	M16	1200	720	758	0,655	296	277

# CM-G 100 4 POLES- IN-LINE ELECTRIC PUMPS FOR HEATING, AIR CONDITIONING, REFRIGERATION, SOLAR, AND SANITARY SYSTEMS - SINGLE, FLANGED

Pumped liquid temperature range: from -10 °C to +140 °C - Maximum ambient temperature: +40 °C



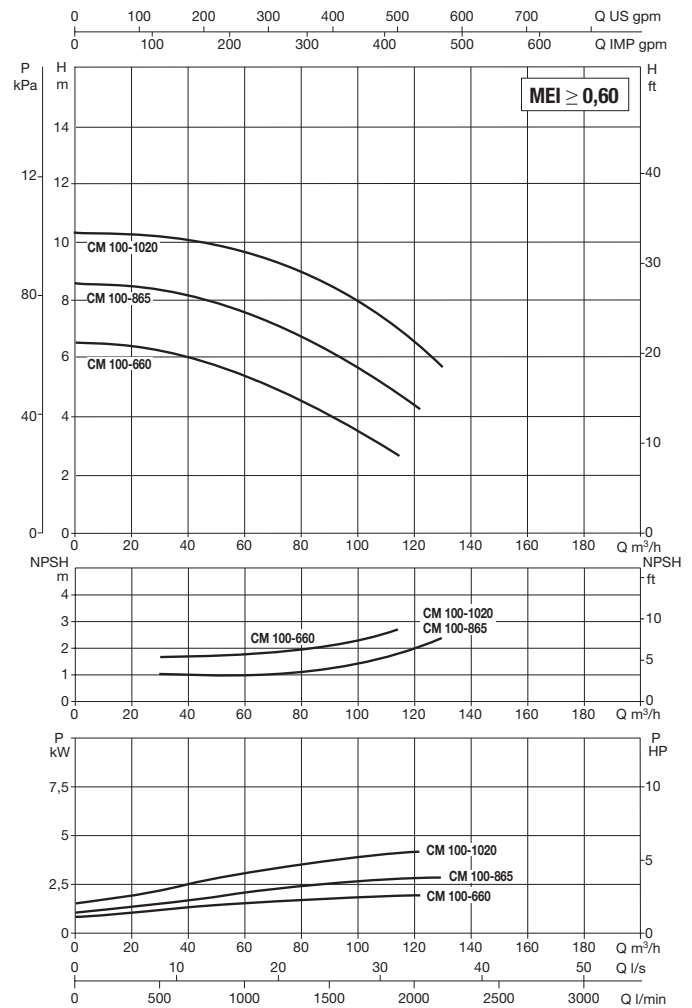
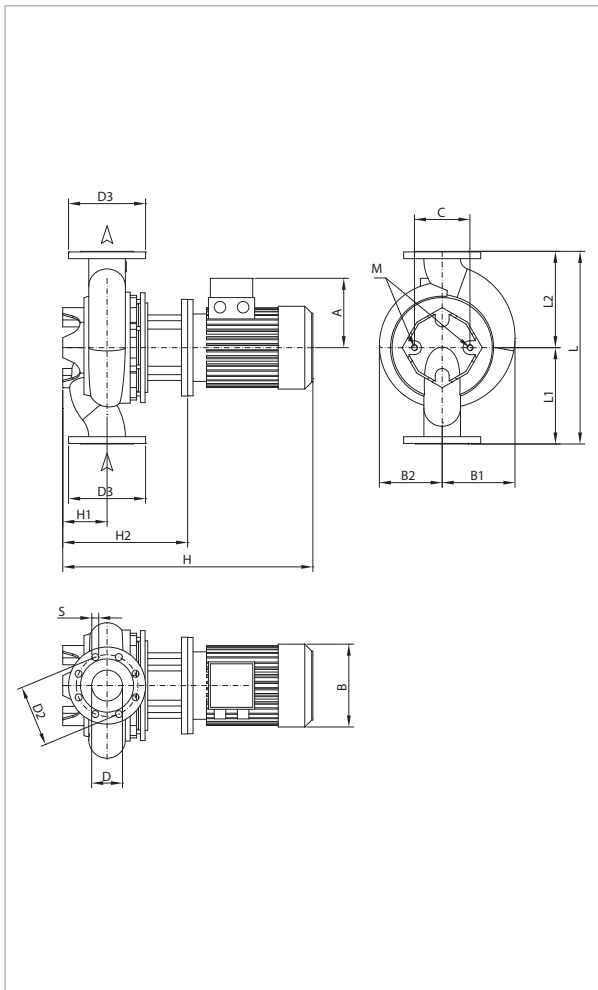
The performance curves are based on kinematic viscosity values = 1 mm<sup>2</sup>/s and density equal to 1000 kg/m<sup>3</sup>. Curve tolerance according to ISO 9906.

MODEL	CENTRE DISTANCE	PUMP CONNECTIONS	ELECTRICAL DATA												
			POWER INPUT 50 Hz	n r.p.m.	P1 MAX W	P2 NOMINAL		In A				MOTOR TYPE	MOTOR SIZE	I st. A	
						kW	HP	IE2	400	IE3	230			400	IE2
CM-G 100-510/A/BAQE/0,75	11,376	DN 100	3 x 230 - 400V ~	1430	1,2	0,75	1,00	3,6	2,6	-	-	IE2	MEC 80M	23.7/13.7	-
CM-G 100-650/A/BAQE/1,1	500	DN 100	3 x 230 - 400V ~	1440	1,4	1,10	1,50	4,7	2,7	-	-	IE2	MEC 90S	34/19.6	-

MODEL	A		B1	B2	C	D	D2	D3	S	no. of holes	H		H1	H2	L	L1	L2	M	PACKING DIMENSIONS			VOL. (m <sup>3</sup> )	WEIGHT kg	
	IE2	IE3									IE2	IE3							L/A	L/B	H		IE2	IE3
CM-G 100-510/A/BAQE/0,75	140	-	158	125	144	100	180	220	18	8	573	-	140	318	500	250	250	M16	689	426	834	0,245	84	-
CM-G 100-650/A/BAQE/1,1	160	-	158	125	144	100	180	220	18	8	613	-	140	318	500	250	250	M16	689	426	834	0,245	88	-

# CM-G 100 4 POLES- IN-LINE ELECTRIC PUMPS FOR HEATING, AIR CONDITIONING, REFRIGERATION, SOLAR, AND SANITARY SYSTEMS - SINGLE, FLANGED

Pumped liquid temperature range: from -10 °C to +140 °C - Maximum ambient temperature: +40 °C



The performance curves are based on kinematic viscosity values = 1 mm<sup>2</sup>/s and density equal to 1000 kg/m<sup>3</sup>. Curve tolerance according to ISO 9906.

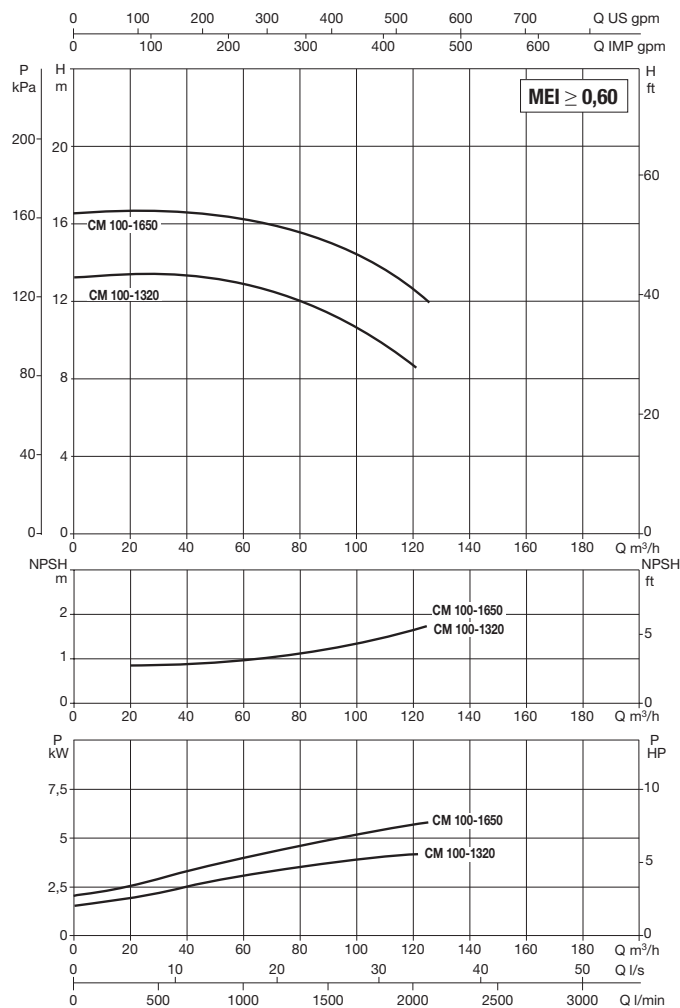
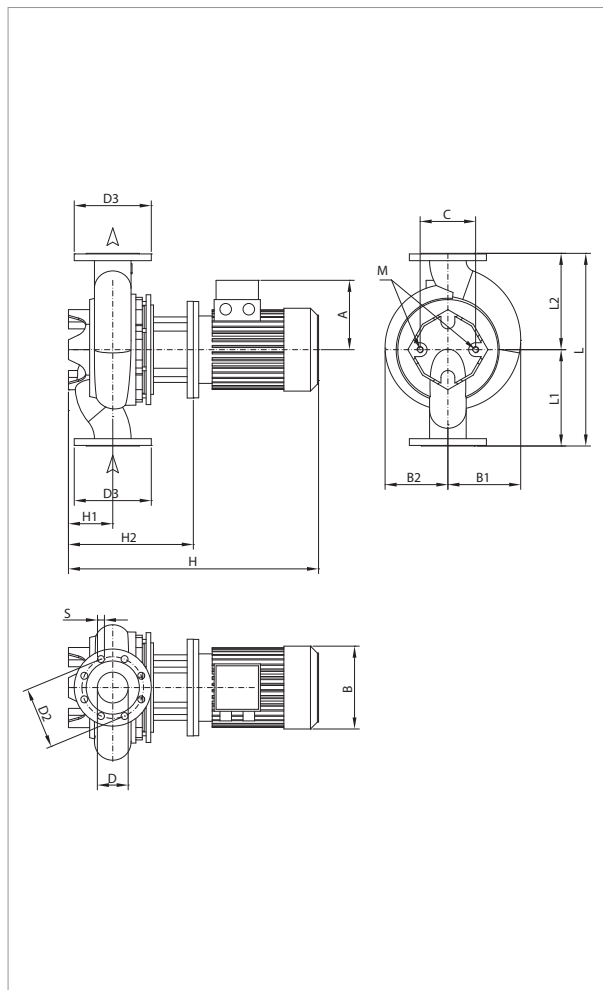
MODEL	CENTRE DISTANCE	PUMP CONNECTIONS	ELECTRICAL DATA												
			POWER INPUT 50 Hz	n r.p.m.	P1 MAX W	P2 NOMINAL		In A				MOTOR TYPE	MOTOR SIZE	I st. A	
						kW	HP	IE2	IE3	230	400			230	400
CM-G 100-660/A/BAQE/1,5	550	DN 100	3 x 230 - 400 V ~	1430	2,0	1,50	2,00	6,2	3,6	-	-	IE2	MEC 90L	41,6/24	-
CM-G 100-865/A/BAQE/2,2	550	DN 100	3 x 230 - 400 V ~	1455	3,0	2,20	3,00	8,7	5,0	-	-	IE2	MEC 90L	73,5/42,2	-
CM-G 100-1020/A/BAQE/3	550	DN 100	3 x 400 V ~ <sup>1</sup>	1441	3,6	3,00	4,00	6,2	-	-	IE2	MEC 100L	43,2	-	

<sup>1</sup> star start-up possible (Δ)

MODEL	A		B1	B2	C	D	D2	D3	S	no. of holes	H		H1	H2	L	L1	L2	M	PACKING DIMENSIONS			VOL. (m <sup>3</sup> )	WEIGHT kg	
	IE2	IE3									IE2	IE3							L/A	L/B	H		IE2	IE3
	CM-G 100-660/A/BAQE/2,5	160	-	192	152	230	100	180	220	18	8	648	-	140	313	550	275	275	M16	689	426	834	0,245	109
CM-G 100-865/A/BAQE/2,2	180	-	192	152	230	100	180	220	18	8	666	-	140	341	550	275	275	M16	689	426	834	0,245	118	-
CM-G 100-1020/A/BAQE/3	180	-	192	152	230	100	180	220	18	8	666	-	140	341	550	275	275	M16	689	426	834	0,245	118	-

# CM-G 100 4 POLES- IN-LINE ELECTRIC PUMPS FOR HEATING, AIR CONDITIONING, REFRIGERATION, SOLAR, AND SANITARY SYSTEMS - SINGLE, FLANGED

Pumped liquid temperature range: from -10 °C to +140 °C - Maximum ambient temperature: +40 °C



The performance curves are based on kinematic viscosity values = 1 mm<sup>2</sup>/s and density equal to 1000 kg/m<sup>3</sup>. Curve tolerance according to ISO 9906.

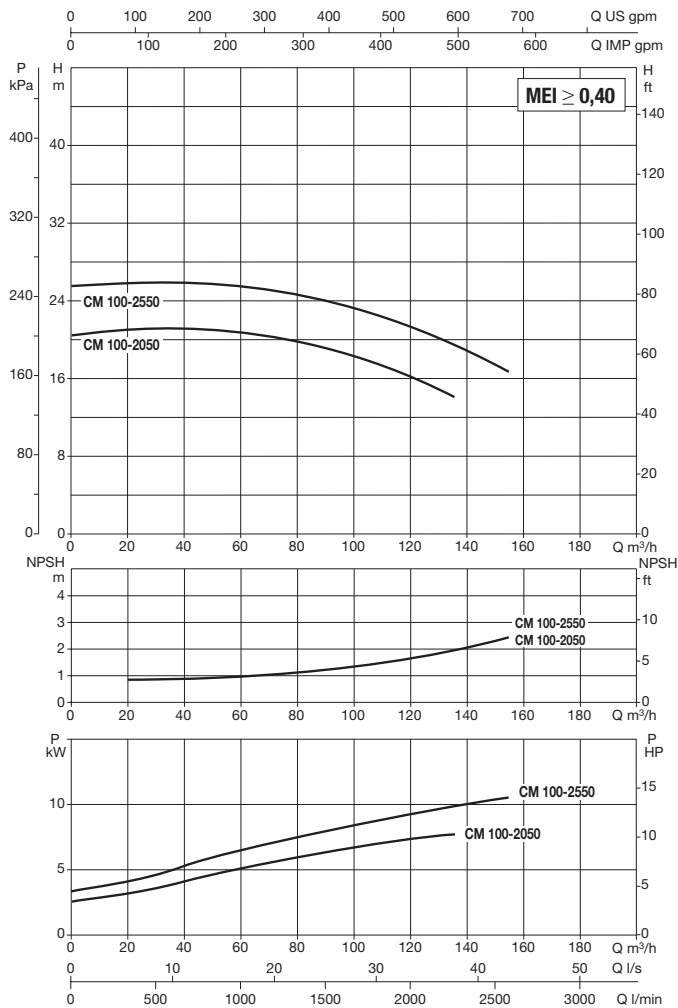
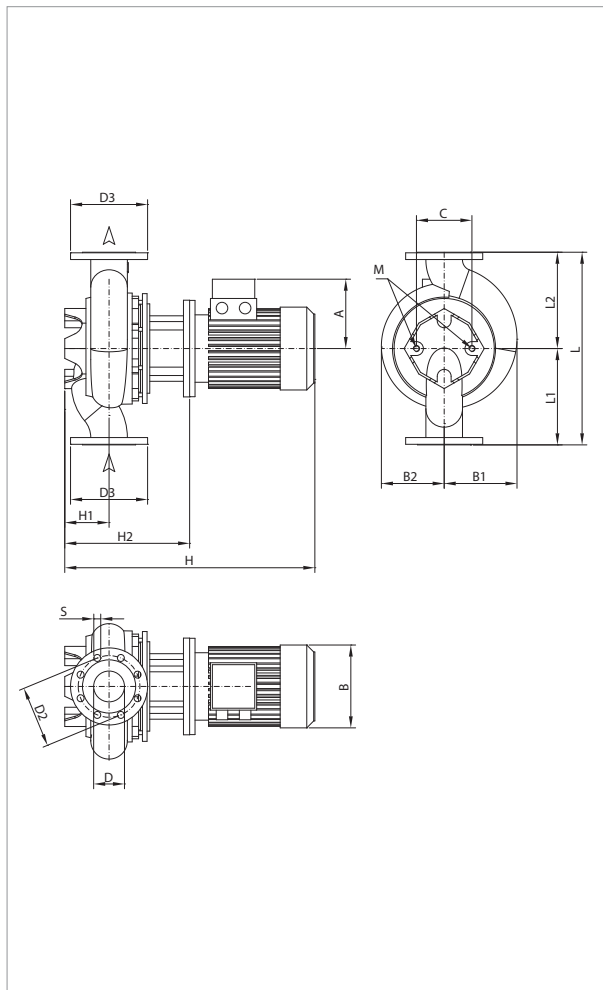
MODEL	CENTRE DISTANCE	PUMP CONNECTIONS	ELECTRICAL DATA										
			POWER INPUT 50 Hz	n r.p.m.	P1 MAX W	P2 NOMINAL		In A		MOTOR TYPE	MOTOR SIZE	I st. A	
						kW	HP	IE2	IE3			IE2	IE3
CM-G 100-1320/A/BAQE/4	550	DN 100	3 x 400 V ~ 1	1450	4,6	4,00	5,50	7,9	-	IE2	MEC 112M	69,3	-
CM-G 100-1650/A/BAQE/5,5	550	DN 100	3 x 400 V ~ 1	1464	6,9	5,50	7,50	10,6	-	IE2	MEC 132S	84,5	-

<sup>1</sup> star start-up possible (A)

MODEL	A		B1	B2	C	D	D2	D3	S	no. of holes	H		H1	H2	L	L1	L2	M	PACKING DIMENSIONS			VOL. (m <sup>3</sup> )	WEIGHT kg	
	IE2	IE3									IE2	IE3							L/A	L/B	H		IE2	IE3
	CM-G 100-1320/A/BAQE/4	190	-	204	174	230	100	180	220	18	8	811	-	140	341	550	275	275	M16	739	626	1107	0,512	156
CM-G 100-1650/A/BAQE/5,5	210	-	204	174	230	100	180	220	18	8	807	-	140	417	550	275	275	M16	739	626	1107	0,512	176	-

# CM-G 100 4 POLES- IN-LINE ELECTRIC PUMPS FOR HEATING, AIR CONDITIONING, REFRIGERATION, SOLAR, AND SANITARY SYSTEMS - SINGLE, FLANGED

Pumped liquid temperature range: from -10 °C to +140 °C - Maximum ambient temperature: +40 °C



The performance curves are based on kinematic viscosity values = 1 mm<sup>2</sup>/s and density equal to 1000 kg/m<sup>3</sup>. Curve tolerance according to ISO 9906.

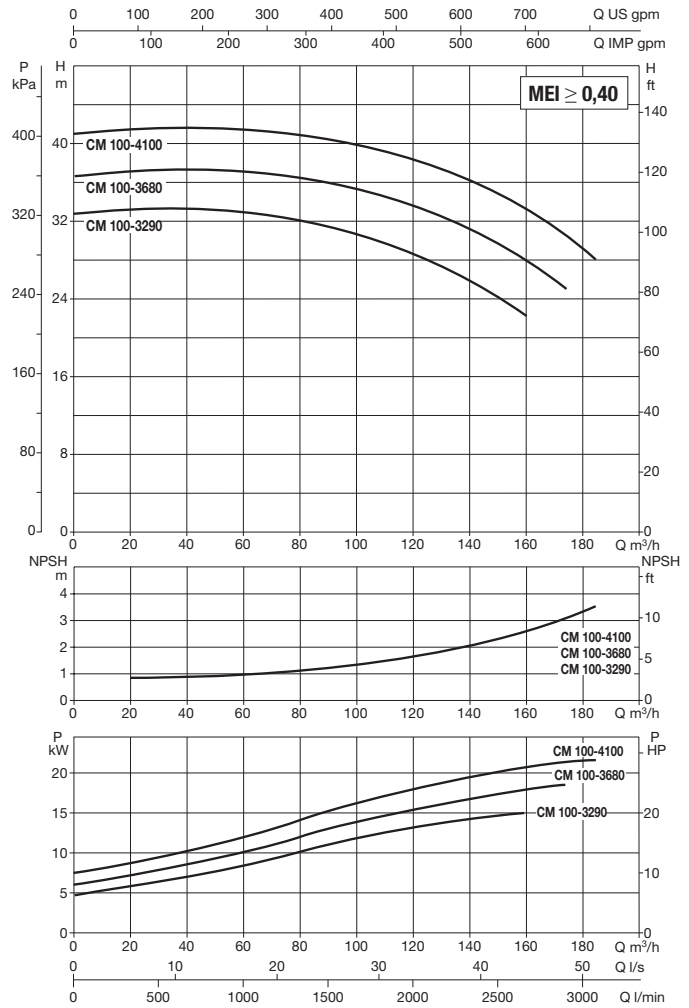
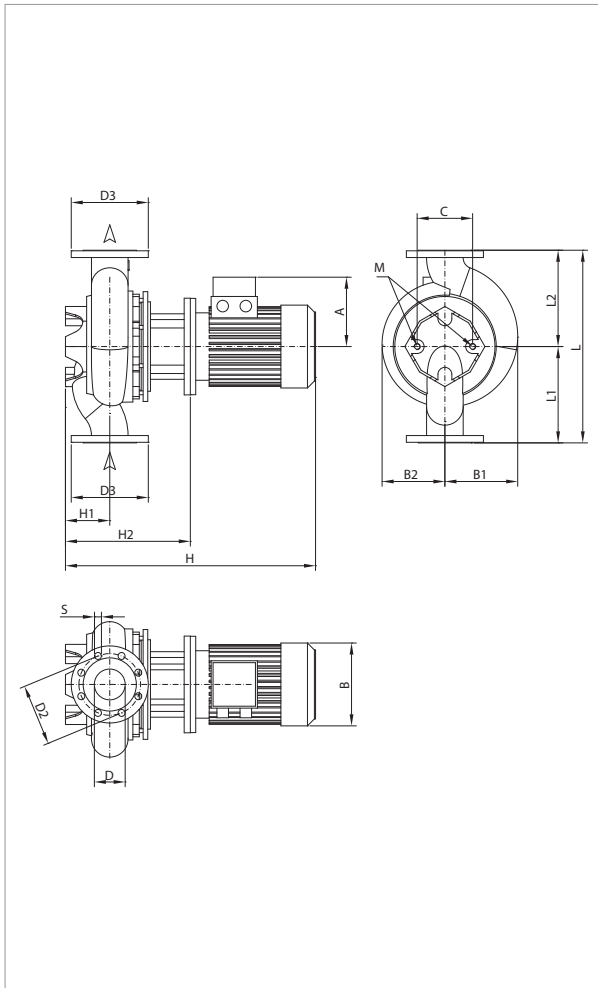
MODEL	CENTRE DISTANCE	PUMP CONNECTIONS	ELECTRICAL DATA										
			POWER INPUT 50 Hz	n r.p.m.	P1 MAX W	P2 NOMINAL		In A		MOTOR TYPE	MOTOR SIZE	I st. A	
						kW	HP	IE2	IE3			IE2	IE3
CM-G 100-2050/A/BAQE/7,5	670	DN 100	3 x 400 V ~ <sup>1</sup>	1461	8,5	7,50	10,00	14,2	14,6	IE2 / IE3	MEC 132M	123,5	124,1
CM-G 100-2550/A/BAQE/11	670	DN 100	3 x 400 V ~ <sup>1</sup>	1470	12,1	11,00	15,00	21,6	20,5	IE2 / IE3	MEC 160M	179,7	172,2

<sup>1</sup> star start-up possible (Δ)

MODEL	A		B1	B2	C	D	D2	D3	S	no. of holes	H		H1	H2	L	L1	L2	M	PACKING DIMENSIONS			VOL. (m <sup>3</sup> )	WEIGHT kg	
	IE2	IE3									IE2	IE3							L/A	L/B	H		IE2	IE3
CM-G 100-2050/A/BAQE/7,5	210	188	293	253	230	100	180	220	18	8	883	890	175	453	670	335	335	M16	739	626	1107	0,512	249	230
CM-G 100-2550/A/BAQE/11	248	249	293	253	230	100	180	220	18		988	988	175	483	670	335	335	M16	1200	720	758	0,655	342	323

# CM-G 100 4 POLES- IN-LINE ELECTRIC PUMPS FOR HEATING, AIR CONDITIONING, REFRIGERATION, SOLAR, AND SANITARY SYSTEMS - SINGLE, FLANGED

Pumped liquid temperature range: from -10 °C to +140 °C - Maximum ambient temperature: +40 °C



The performance curves are based on kinematic viscosity values = 1 mm<sup>2</sup>/s and density equal to 1000 kg/m<sup>3</sup>. Curve tolerance according to ISO 9906.

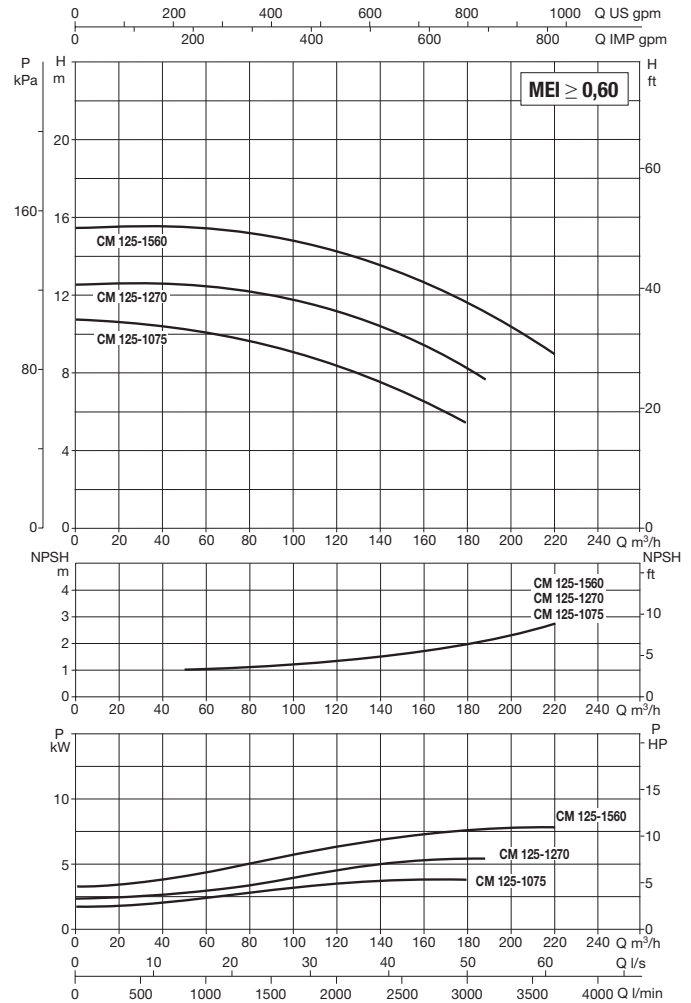
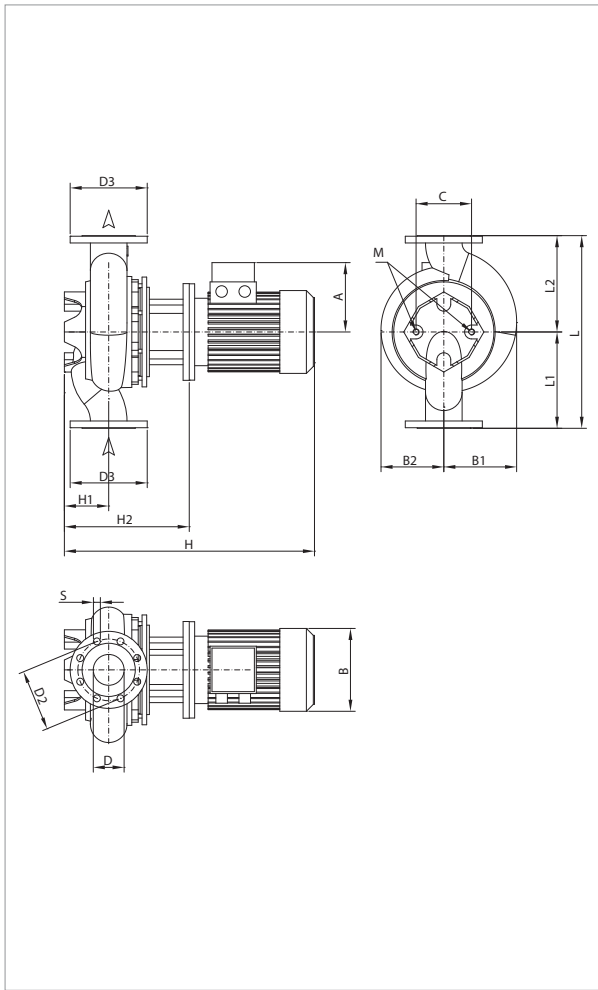
MODEL	CENTRE DISTANCE	PUMP CONNECTIONS	ELECTRICAL DATA										
			POWER INPUT 50 Hz	n r.p.m.	P1 MAX W	P2 NOMINAL		In A		MOTOR TYPE	MOTOR SIZE	I st. A	
						kW	HP	IE2	IE3			IE2	IE3
<b>CM-G 100-3290/A/BAQE/15</b>	670	DN 100	3 x 400 V ~ <sup>1</sup>	1471	17,1	15,00	20,00	29	28	IE2 / IE3	MEC 160L	236,6	232,4
<b>CM-G 100-3680/A/BAQE/18,5</b>	670	DN 100	3 x 400 V ~ <sup>1</sup>	1470	19,6	18,50	25,00	33	33,4	IE2 / IE3	MEC 180M	252,8	268,6
<b>CM-G 100-4100/A/BAQE/22</b>	670	DN 100	3 x 400 V ~ <sup>1</sup>	1470	22,4	22,00	30,00	40	40,5	IE2 / IE3	MEC 180L	314,4	336,1

<sup>1</sup> star start-up possible (Δ)

MODEL	A		B1	B2	C	D	D2	D3	S	no. of holes	H		H1	H2	L	L1	L2	M	PACKING DIMENSIONS			VOL. (m <sup>3</sup> )	WEIGHT kg	
	IE2	IE3									IE2	IE3							L/A	L/B	H		IE2	IE3
	<b>CM-G 100-3290/A/BAQE/15</b>	248	249	293	253	230	100	180	220	18	8	1043	1031	175	483	670	335	335	M16	1200	720	758	0,655	351
<b>CM-G 100-3680/A/BAQE/18,5</b>	275	265	293	253	230	100	180	220	18	1063		1063	175	483	670	335	335	M16	1200	720	758	0,655	397	359
<b>CM-G 100-4100/A/BAQE/22</b>	275	265	293	253	230	100	180	220	18	1101		1101	175	483	670	335	335	M16	1200	720	758	0,655	407	370

# CM-G 125 4 POLES- IN-LINE ELECTRIC PUMPS FOR HEATING, AIR CONDITIONING, REFRIGERATION, SOLAR, AND SANITARY SYSTEMS - SINGLE, FLANGED

Pumped liquid temperature range: from -10 °C to +140 °C - Maximum ambient temperature: +40 °C



The performance curves are based on kinematic viscosity values = 1 mm<sup>2</sup>/s and density equal to 1000 kg/m<sup>3</sup>. Curve tolerance according to ISO 9906.

MODEL	CENTRE DISTANCE	PUMP CONNECTIONS	ELECTRICAL DATA										
			POWER INPUT 50 Hz	n r.p.m.	P1 MAX W	P2 NOMINAL		In A		MOTOR TYPE	MOTOR SIZE	I st. A	
						kW	HP	IE2	IE3			IE2	IE3
CM-G 125-1075/A/BAQE/4	620	DN 125	3 x 400 V ~ <sup>1</sup>	1455	5,1	4,00	5,50	7,9	-	IE2	MEC 112M	69,3	-
CM-G 125-1270/A/BAQE/5,5	620	DN 125	3 x 400 V ~ <sup>1</sup>	1465	7,2	5,50	7,50	10,6	-	IE2	MEC 132S	84,5	-
CM-G 125-1560/A/BAQE/7,5	620	DN 125	3 x 400 V ~ <sup>1</sup>	1469	9,5	7,50	10,00	14,2	14,6	IE2 / IE3	MEC 132M	123,5	124,1

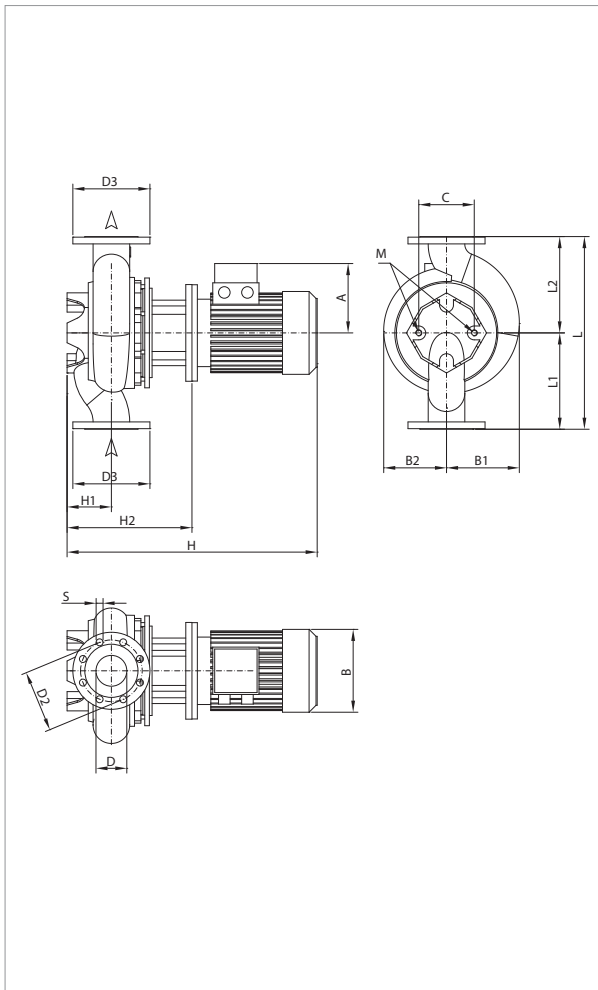
<sup>1</sup> star start-up possible (Δ)

MODEL	A		B1	B2	C	D	D2	D3	S	no. of holes	H		H1	H2	L	L1	L2	M	PACKING DIMENSIONS			WEIGHT kg		
	IE2	IE3									IE2	IE3							L/A	L/B	H	VOL. (m <sup>3</sup> )	IE2	IE3
	CM-G 125-1075/A/BAQE/4	190	-	252	204	230	125	210	250	18	8	892	-	215	482	620	310	310	M16	739	626	1107	0,512	210
CM-G 125-1270/A/BAQE/5,5	210	-	252	204	230	125	210	250	18	888		-	215	498	620	310	310	M16	739	626	1107	0,512	231	-
CM-G 125-1560/A/BAQE/7,5	210	188	252	204	230	125	210	250	18	928		935	215	498	620	310	310	M16	739	626	1107	0,512	237	218

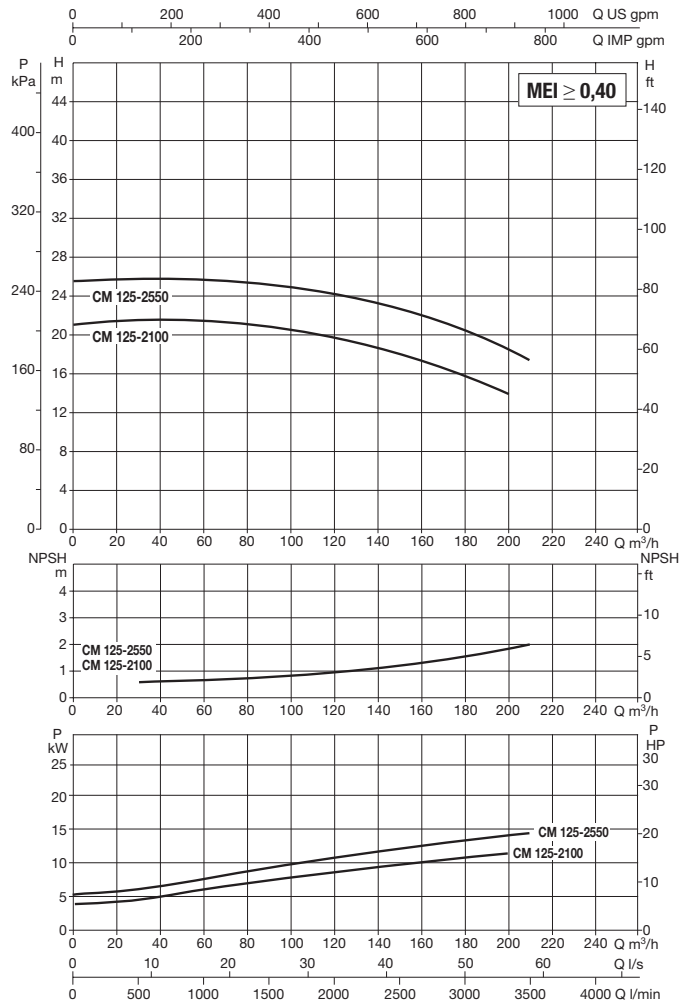


# CM-G 125 4 POLES- IN-LINE ELECTRIC PUMPS FOR HEATING, AIR CONDITIONING, REFRIGERATION, SOLAR, AND SANITARY SYSTEMS - SINGLE, FLANGED

Pumped liquid temperature range: from -10 °C to +140 °C - Maximum ambient temperature: +40 °C



The performance curves are based on kinematic viscosity values = 1 mm<sup>2</sup>/s and density equal to 1000 kg/m<sup>3</sup>. Curve tolerance according to ISO 9906.



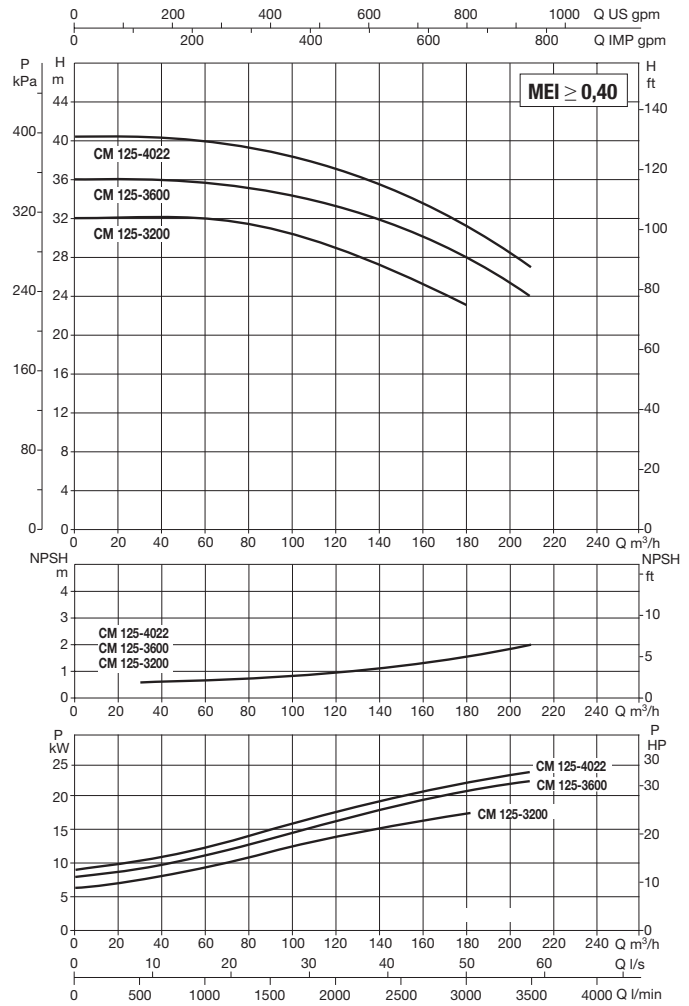
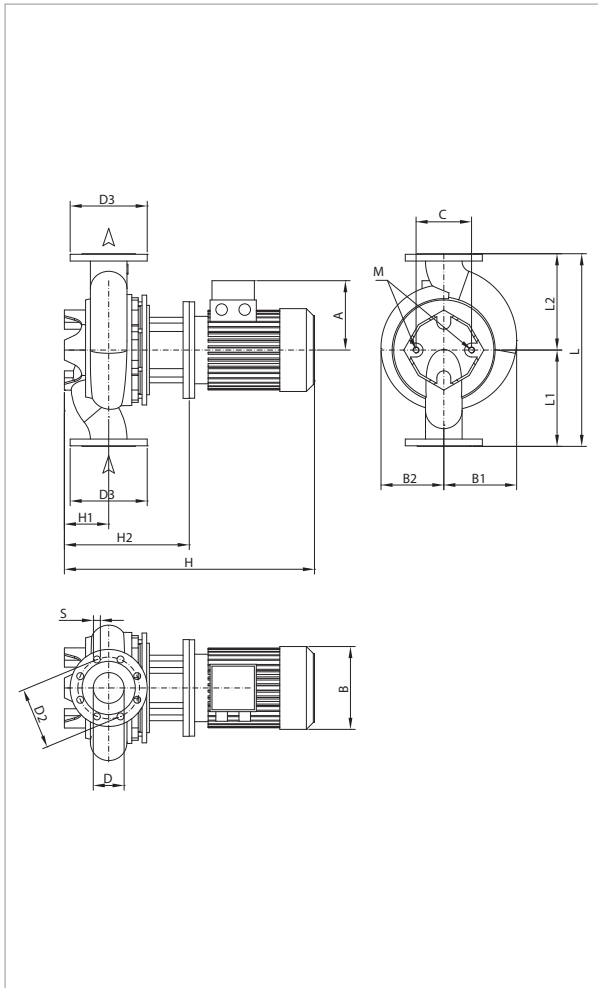
MODEL	CENTRE DISTANCE	PUMP CONNECTIONS	ELECTRICAL DATA										
			POWER INPUT 50 Hz	n r.p.m.	P1 MAX W	P2 NOMINAL		In A		MOTOR TYPE	MOTOR SIZE	I st. A	
						kW	HP	IE2	IE3			IE2	IE3
CM-G 125-2100/A/BAQE/11	800	DN 125	3 x 400 V ~ <sup>1</sup>	1475	13,6	11,00	15,00	21,6	20,5	IE2 / IE3	MEC 160M	179,7	172,2
CM-G 125-2550/A/BAQE/15	800	DN 125	3 x 400 V ~ <sup>1</sup>	1470	16,3	15,00	20,00	29	28	IE2 / IE3	MEC 160L	236,6	232,4

<sup>1</sup> star start-up possible (Δ)

MODEL	A		B1	B2	C	D	D2	D3	S	no. of holes	H		H1	H2	L	L1	L2	M	PACKING DIMENSIONS			VOL. (m <sup>3</sup> )	WEIGHT kg	
	IE2	IE3									IE2	IE3							L/A	L/B	H		IE2	IE3
	CM-G 125-2100/A/BAQE/11	248	249	273	245	230	125	210	250	18	8	1038	1038	215	533	800	400	400	M16	1440	1040	676	1,012	330
CM-G 125-2550/A/BAQE/15	248	249	273	245	230	125	210	250	18	1093		1081	215	533	800	400	400	M16	1440	1040	676	1,012	339	321

# CM-G 125 4 POLES- IN-LINE ELECTRIC PUMPS FOR HEATING, AIR CONDITIONING, REFRIGERATION, SOLAR, AND SANITARY SYSTEMS - SINGLE, FLANGED

Pumped liquid temperature range: from -10 °C to +140 °C - Maximum ambient temperature: +40 °C



The performance curves are based on kinematic viscosity values = 1 mm<sup>2</sup>/s and density equal to 1000 kg/m<sup>3</sup>. Curve tolerance according to ISO 9906.

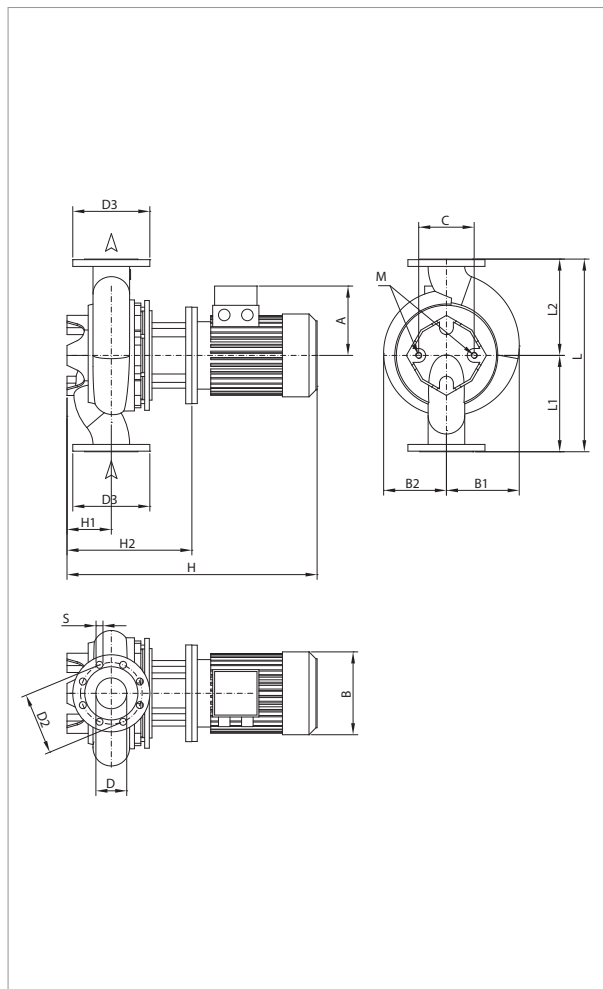
MODEL	CENTRE DISTANCE	PUMP CONNECTIONS	ELECTRICAL DATA										
			POWER INPUT 50 Hz	n r.p.m.	P1 MAX W	P2 NOMINAL		In A		MOTOR TYPE	MOTOR SIZE	I st. A	
						kW	HP	IE2	IE3			IE2	IE3
CM-G 125-3200/A/BAQE/18,5	800	DN 125	3 x 400 V ~ 1	1471	17,9	18,50	25,00	33	33,4	IE2 / IE3	MEC 180M	252,8	268,6
CM-G 125-3600/A/BAQE/22	800	DN 125	3 x 400 V ~ 1	1470	22,4	22,00	30,00	40	40,5	IE2 / IE3	MEC 180L	314,4	336,1
CM-G 125-4022/A/BAQE/30	800	DN 125	3 x 400 V ~ 1	1478	26,5	30,00	40,00	53,31	53,5	IE2 / IE3	MEC 200L	464,9	460,1

<sup>1</sup> star start-up possible (A)

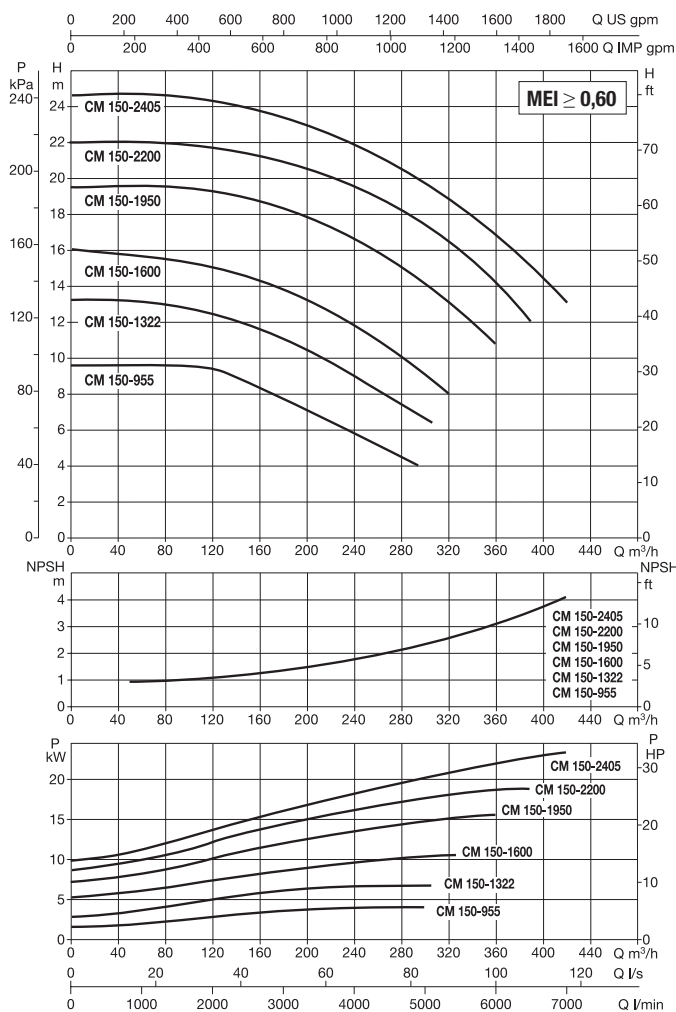
MODEL	A		B1	B2	C	D	D2	D3	S	no. of holes	H						PACKING DIMENSIONS			VOL. (m <sup>3</sup> )	WEIGHT kg			
	IE2	IE3									IE2	IE3	H1	H2	L	L1	L2	M	L/A		L/B	H	IE2	IE3
	CM-G 125-3200/A/BAQE/18,5	275									265	273	245	230	125	210	250	18	8		1113	1113	215	533
CM-G 125-3600/A/BAQE/22	275	265	273	245	230	125	210	250	18	8	1151	1151	215	533	800	400	400	M16	1440	1040	676	1,012	394	357
CM-G 125-4022/A/BAQE/30	310	292	273	245	230	125	210	250	18	8	1193	1203	215	533	800	400	400	M16	1440	1040	676	1,012	449	453

# CM-G 150 4 POLES- IN-LINE ELECTRIC PUMPS FOR HEATING, AIR CONDITIONING, REFRIGERATION, SOLAR, AND SANITARY SYSTEMS - SINGLE, FLANGED

Pumped liquid temperature range: from -10 °C to +140 °C - Maximum ambient temperature: +40 °C



The performance curves are based on kinematic viscosity values = 1 mm<sup>2</sup>/s and density equal to 1000 kg/m<sup>3</sup>. Curve tolerance according to ISO 9906.



IN-LINE PUMPS

MODEL	CENTRE DISTANCE	PUMP CONNECTIONS	ELECTRICAL DATA										
			POWER INPUT 50 Hz	n r.p.m.	P1 MAX W	P2 NOMINAL		In A		MOTOR TYPE	MOTOR SIZE	I st. A	
						kW	HP	IE2	IE3			IE2	IE3
CM-G 150-955/A/BAQE/5,5	800	DN 150	3 x 400 V ~ 1	1462	7,5	5,50	7,50	10,6	-	IE2	MEC 132S	84,5	-
CM-G 150-1322/A/BAQE/7,5	800	DN 150	3 x 400 V ~ 1	1464	8,9	7,50	10,00	14,2	14,6	IE2 / IE3	MEC 132M	123,5	124,1
CM-G 150-1600/A/BAQE/11	800	DN 150	3 x 400 V ~ 1	1473	13,0	11,00	15,00	21,6	20,5	IE2 / IE3	MEC 160M	179,7	172,2
CM-G 150-1950/A/BAQE/15	800	DN 150	3 x 400 V ~ 1	1472	17,5	15,00	20,00	29	28	IE2 / IE3	MEC 160L	236,6	232,4
CM-G 150-2200/A/BAQE/18,5	800	DN 150	3 x 400 V ~ 1	1472	21,1	18,50	25,00	33	33,4	IE2 / IE3	MEC 180M	252,8	268,6
CM-G 150-2405/A/BAQE/22	800	DN 150	3 x 400 V ~ 1	1470	23,8	22,00	30,00	40	40,5	IE2 / IE3	MEC 180L	314,4	336,1

<sup>1</sup> star start-up possible (A)

MODEL	A		B1	B2	C	D	D2	D3	S	no. of holes	H						PACKING DIMENSIONS			WEIGHT				
	IE2	IE3									IE2	IE3	H1	H2	L	L1	L2	M	L/A	L/B	H	VOL. (m <sup>3</sup> )	IE2	IE3
CM-G 150-955/A/BAQE/5,5	210	-	298	239	230	150	240	285	22	8	897	-	215	507	800	400	400	M16	934	584	1335	0,728	292	-
CM-G 150-1322/A/BAQE/7,5	210	188	298	239	230	150	240	285	22		937	944	215	507	800	400	400	M16	934	584	1335	0,728	298	279
CM-G 150-1600/A/BAQE/11	248	249	298	239	230	150	240	285	22		1042	1042	215	537	800	400	400	M16	1440	1040	676	1,012	346	327
CM-G 150-1950/A/BAQE/15	248	249	298	239	230	150	240	285	22		1097	1085	215	537	800	400	400	M16	1440	1040	676	1,012	355	337
CM-G 150-2200/A/BAQE/18,5	275	265	298	239	230	150	240	285	22		1117	1117	215	537	800	400	400	M16	1440	1040	676	1,012	399	361
CM-G 150-2405/A/BAQE/22	275	265	298	239	230	150	240	285	22		1155	1155	215	537	800	400	400	M16	1440	1040	676	1,012	410	373