



## CME / CM-GE / DCME

### IN-LINE CONSTANT PRESSURE PUMPS



## HEATING, AIR CONDITIONING SYSTEMS, SOLAR PANEL AND HOT WATER SYSTEMS



Circulation pumps with in-line ports, suitable for installation in heating and air conditioning, refrigeration, and domestic hot water systems.

Extremely versatile thanks to the use of the **MCE/C** inverter, they offer performance capable of adapting automatically to the system's various demands while keeping pressure differentials unchanged. Available in single and twin version.

PN 16 flanged inlet and delivery mouths, fitted with threaded holes for pressure gauges.

Pump body and support in cast iron, impeller in cast iron or technopolymer depending on model (in bronze, on request, only from DN 65 to DN 150).

Stainless steel drive shaft.

Sealing device: standardised mechanical seal made to DIN 24960 in carbon / carborundum with O' rings in EPDM. 4-pole three-phase induction motor with external cooling. Rotor running on ball bearings, oversized to ensure low noise and durability.

Constructed following the CEI 2-3 standards.

**Operating range:** from 1.2 to 360 m<sup>3</sup>/h with head up to 34 meters.

**Liquid temperature range:**

-10 °C ÷ +130 °C for DN 40 - 50 and all DCME

-10 °C ÷ +140 °C for DN 65 - 150

**Liquid quality requirements:** clean, free from solids or abrasive substances, non viscous, non aggressive, non crystallised and chemically neutral and close to the characteristics of water.

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

**Maximum ambient temperature:** +40°C.

**Maximum working pressure:** 16 bar.

**Protection rating:** IP 55.

**Insulation Class:** F.

**Flanging:** PN 16.

**Counter-flanges on request:** DN 40 - DN 50 - DN 65 - DN 80 - DN 100 - DN 125 - DN 150; PN 16.

## TECHNICAL DATA - CME/CM-GE SINGLE FLANGED

1400 rpm 1/min - 4 poles

MODEL	CODE	ELECTRICAL DATA				DNA	DNM	
		VOLTAGE 50 Hz	P1 MAX W	P2 NOMINAL				In A
				KW	HP			
CME 40- 870 M MCE11/C*	60142764	1x220-240 V ~	0,54	0,75	1	5,4	40	40
CME 40-1450 M MCE11/C* 1	60142765	1x220-240 V ~	1,26	0,9	1,2	10,0	40	40
CME 50-1000 M MCE11/C*	60142766	1x220-240 V ~	0,67	0,75	1	6,2	50	50
CME 50-1420 M MCE11/C* 1	60142767	1x220-240 V ~	1,47	1,1	1,5	11,3	50	50
CME 65-660/A/BAQE/0.55 M MCE11/C	60142768	1x220-240 V ~	0,84	0,55	0,75	7,3	65	65
CM-GE 65 920/A/BAQE/0.75 M MCE11/C* 1	60142769	1x220-240 V ~	1,16	0,75	1	9,3	65	65
CM-GE 65 1200/A/BAQE/1.5 M MCE15/C* 1	60141877	1x220-240 V ~	2,00	1,5	2	14,7	65	65
CM-GE 65-1680/A/BAQE/3 T MCE30/C*	60141918	3x400 V ~	3,36	3	4	6,1	65	65
CM-GE 65-2380/A/BAQE/4 T MCE55/C*	60142770	3x400 V ~	4,94	4	5,5	9,3	65	65
CM-GE 80- 650/A/BAQE/0.75 M MCE11/C*1	60142771	1x220-240 V ~	1,16	0,75	1	9,3	80	80
CM-GE 80- 890/A/BAQE/1.5 M MCE15/C* 1	60142772	1x220-240 V ~	2,00	1,5	2	14,7	80	80
CM-GE 80 1530/A/BAQE/3 T MCE30/C*	60142119	3x400 V ~	4,20	3	4	7,8	80	80
CM-GE 80-1700/A/BAQE/4 T MCE55/C*	60142773	3x400 V ~	6,09	4	5,5	11,6	80	80
CM-GE 80-2410/A/BAQE/5.5 T MCE55/C*	60142101	3x400 V ~	7,04	5,5	7,5	13,5	80	80

\* NEW IE2 MOTOR

<sup>1</sup>Three-phase versions available on request

# CME / CM-GE / DCME

## IN-LINE CONSTANT PRESSURE PUMPS

### TECHNICAL DATA - CME/CM-GE SINGLE FLANGED

1400 rpm 1/min - 4 poles

MODEL	CODE	ELECTRICAL DATA				DNA	DNM	
		VOLTAGE 50 Hz	P1 MAX W	P2 NOMINAL				In A
				kW	HP			
CM-GE 80-2700/A/BAQE/7.5 T MCE110/C*	60141916	3x400V ~	9,35	7,5	10	18,2	80	
CM-GE 80-3420/A/BAQE/11 T MCE110/C*	60142774	3x400V ~	15,24	11	15	30,2	80	
CM-GE 100- 510/A/BAQE/0.75 T MCE11/C* 1	60142775	1x220-240V ~	1,05	0,75	1	8,6	100	
CM-GE 100- 660/A/BAQE/2,2 M MCE22/C* 1	60142500	1x220-240V ~	2,00	1,5	2	14,7	100	
CM-GE 100-1020/A/BAQE/3 T MCE30/C*	60142208	3x400V ~	4,20	3	4	7,8	100	
CM-GE 100-1320/A/BAQE/4 T MCE55/C	60142776	3x400V ~	6,09	4	5,5	11,6	100	
CM-GE 100-1650/A/BAQE/5,5 T MCE55/C*	60142150	3x400V ~	7,04	5,5	7,5	13,5	100	
CM-GE 100-2050/A/BAQE/7,5 T MCE110/C*	60142777	3x400V ~	9,35	7,5	10	18,2	100	
CM-GE 100-2550/A/BAQE/11 T MCE110/C*	60142778	3x400V ~	14,54	11	15	28,8	100	
CM-GE 100-3290/A/BAQE/15 T MCE150/C*	60142779	3x400V ~	22,13	15	20	44,1	100	
CM-GE 125-1075/A/BAQE/4 T MCE55/C*	60142781	3x400V ~	6,09	4	5,5	11,6	125	
CM-GE 125-1270/A/BAQE/5.5 T MCE55/C*	60142097	3x400V ~	7,04	5,5	7,5	13,5	125	
CM-GE 125-1560/A/BAQE/7.5 T MCE110/C*	60142782	3x400V ~	9,35	7,5	10	18,2	125	
CM-GE 125-2100/A/BAQE/11 T MCE110/C*	60142783	3x400V ~	15,19	11	15	30,1	125	
CM-GE 125-2550/A/BAQE/15 T MCE150/C*	60142784	3x400V ~	19,57	15	20	39,0	125	
CM-GE 150- 955/A/BAQE/5.5 T MCE55/C*	60142786	3x400V ~	7,035	5,5	7,5	13,5	150	
CM-GE 150-1322/A/BAQE/7.5 T MCE110/C*	60141857	3x400V ~	9,45	7,5	10	18,4	150	
CM-GE 150-1600/A/BAQE/11 T MCE110/C*	60142787	3x400V ~	13,02	11	15	25,7	150	
CM-GE 150-1950/A/BAQE/15 T MCE150/C*	60142788	3x400V ~	18,38	15	20	36,5	150	

\* NEW IE2 MOTOR

<sup>1</sup>Three-phase versions available on request

### TECHNICAL DATA - DCME TWIN FLANGED

1400 rpm 1/min - 4 poles

MODEL	CODE	ELECTRICAL DATA				DNA	DNM	
		VOLTAGE 50 Hz	P1 MAX W	P2 NOMINAL				In A
				kW	HP			
DCME 40-620 M MCE11/C	60142830	1x220-240V ~	0,43	0,25	0,35	4,7	40	
DCME 50-460 M MCE11/C	60142831	1x220-240V ~	0,43	0,25	0,35	4,7	50	
DCME 50-880 M MCE11/C	60142832	1x220-240V ~	0,83	0,5	0,67	7,2	50	
DCME 65-670 M MCE11/C	60142833	1x220-240V ~	0,83	0,55	0,75	7,2	65	
DCME 65-900 M MCE11/C* 1	60142834	1x220-240V ~	1,26	0,9	1,2	10,0	65	
DCME 80-730 M MCE11/C*	60142835	1x220-240V ~	1,26	0,9	1,2	10,0	80	
DCME 80-1020 M MCE15/C* 1	60142837	1x220-240V ~	2,00	1,5	2	14,7	80	
DCME 100-1000 M MCE22/C* 1	60142838	1x220-240V ~	2,74	2,2	3	19,5	100	
DCME 100-1200 T MCE30/C*	60142840	3x400V ~	3,76	3	4	6,9	100	
DCME 100-1450 T MCE55/C*	60142841	3x400V ~	5,42	4	5,5	10,2	100	

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