

# KE TWIN IMPELLERS

## TWIN IMPELLERS CENTRIFUGAL PUMPS WITH INVERTER MCE/P



### DOMESTIC, CIVIL AND INDUSTRIAL WATER SUPPLY



Twin impeller centrifugal pump, suitable for pressure booster systems and domestic, civil, industrial and agricultural systems.

Particularly versatile thanks to the use of the **MCE/P** inverter, this pump guarantees the automatic adjustment of its performance to the various system requirements, while maintaining constant the differential pressure. Pressure sensor included. Pump body and motor support in cast iron. Technopolymer impeller. Carbon/ceramic mechanical seal. Asynchronous, closed motor cooled by external ventilation. Motor shaft mounted on generously sized ball bearings to ensure silent running and long life.

**Operating range:** from 2 to 30 m<sup>3</sup>/h with head up to 95 meters.

**Liquid temperature range:**

from -10 °C to 50 °C: for KE 35/40, KE 45/50, KE 55/100.

from -15 °C to 110 °C: for KE 55/50, K 66/100, K 90/100, K 70/300, K 80/300, K 70/400, K 80/400.

**Pumped liquid:** clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral, close to the properties of water. Installation: normally horizontal or vertical provided the motor is always above the pump.

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

**Maximum working pressure:**

KE 35/40: 6 bar (600 kPa)

KE 45/50, KE 55/50: 8 bar (800 kPa)

KE 55/100, KE 66/100: 10 bar (1000 kPa)

KE 90/100, KE 70/300, KE 80/300 KE 70/400,

KE 80/400: 12 bar (1200 kPa).

**Protection rating:** IP 44.

**Terminal box protection rating:** IP 55.

**Insulation class:** F.

MCE/P

PAG. 3

## KE TWIN IMPELLERS WITH MCE/P - FOR PRESSURIZATION SYSTEM

MODEL	CODE	ELECTRICAL DATA				HYDRAULIC DATA																DNA	DNM	Weight Kg							
		VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL		In A	Q=m <sup>3</sup> /h	H																							
				KW	HP			0	1,2	1,8	2,4	3,6	4,8	6	7,2	9	9,6	10,8	12	15	18				24	30					
KE 35/40 M MCE11/P	60147869	1 x 230V	1,3	0,75	1,0	10,3	43,5	41,5	40	38	33	23,5													1" G	1" G	20,5				
KE 45/50 M MCE15/P	60147870	1 x 230V	2	1,6	2,2	14,7	51	49	47,5	46	42	37	30															1½" G	1" G	27,7	
KE 55/50 M MCE15/P	60147871	1 x 230V	2,53	1,6	2,2	18,1	62	60	58	57	52	45	34																1½" G	1" G	28,2
KE 55/100 T MCE30/P	60144859	3 x 400V	3,66	2,2	3,0	8,93	62			59,5	57	54,5	51	47	39	36													1½" G	1" G	44,9
KE 66/100 T MCE30/P	60144860	3 x 400V	4,32	3,0	4,0	9,64	73			70	67,5	64	60,5	57	49	47													1½" G	1" G	47,5
KE 90/100 T MCE55/P	60144861	3 x 400V	5,23	3,0	4,0	10,8	83,5			82	79,5	76,5	72,5	68	61	58													1½" G	1" G	50,8
KE 70/300 T MCE55/P	60180171	3 x 400V	6,73	5,5	7,5	14,1	76						74	73	72	71,5	70	69	65	60,5	43,5								2" G	1½" G	79,8
KE 80/300 T MCE110/P	60167383	3 x 400V	9,83	7,5	10,0	19,4	95						93	92,2	91	90,5	90	89,5	87	82	68								2" G	1½" G	86,6
KE 70/400 T MCE110/P	60167384	3 x 400V	9,57	9,2	12,5	20,4	86								84	83,2	82,5	82	79	76	65	47							2" G	1½" G	86,9
KE 80/400 T MCE110/P	60167385	3 x 400V	11,2	11,0	15,0	22,7	97									95	94,5	94	92	89	80	64							2" G	1½" G	90,9