

CM(A-B-C-D) - CMR

Cast iron single impeller centrifugal electric pumps

CM series electric pumps are single impeller electric pumps with cast iron body. Within the series there are several models: CMA - CMB - CMC - CMD and the CMR model that has the peculiarity of being equipped with an open impeller. They are equipped with a mechanical seal in Carbon/ Ceramic/NBR. The impeller, the shaft and the support change according to the electric pump model. Depending on the models, the impellers can be made of PPE + PS reinforced with fibre glass, brass or cast-iron. The shafts can be in AISI 416, AISI 303 steel or, alternatively, in AISI 304. The supports available are in aluminium or cast iron. The motors combined with these electric pumps are 2-pole self-ventilated asynchronous motors and IE3 high efficiency starting from 0.75 kW.



Available with
brass impeller



Possibility of
insertion in
machinery for
industrial use

- Prevalence:
 - for CMA from 13.1 to 53 m
 - for CMB from 8.1 to 57 m
 - for CMC from 5.2 to 14 m
 - for CMD from 6.5 to 16,1 m
 - for CMR from 6.3 to 17.3 m
- Flow rate:
 - for CMA from 1.2 to 8.4 m³/h
 - for CMB from 6 to 19.9 m³/h
 - for CMC from 3 to 27.1 m³/h
 - for CMD from 18.1 to 60.2 m³/h
 - for CMR from 3 to 16.5 m³/h
- Maximum operating pressure:
 - 6 bar for CMA 0.50 - 0.75 - 1.00, CMB 0.75 - 1.00 - 1.50 - 2.00 - 3.00, CMC, CMD, CMR
 - 8 bar for CMA 1.50 - 2.00 - 3.00, CMB 4.00 - 5.50
- Maximum liquid temperature:
 - 40°C for CMA 0.50 - 0.75 - 1.00
 - 90°C for the rest of the range

