



KIRLOSKAR BROTHERS LTD.

MIXED FLOW END SUCTION BACK PULL OUT SEMI-OPEN IMPELLER PUMP TYPE MF

Description

Range : Delivery size up to 650 mm., Capacity up to 7000 m³/hr

Head up to 30 metres

Constructional Features

These are end suction single stage, horizontal shaft, volute type pumps. These pumps operate at 50 Hz and 60 Hz.

Casing : Horizontal/Vertical end suction high efficiency volute type with Top/side/45 degrees orientations. Delivery flange and supporting feet are cast integral with the casing.

Impellers: Non clog - Semi open / Enclosed type and balanced dynamically. Hydraulically balanced by balancing holes /back vanes.

Shaft: Made of high tensile steel, accurately grounded. Supported by deep groove ball bearings and thrust bearing housed in the bearing housing.

Stuffing box: Gland packed supply is standard for liquids having temperature upto 90 C
Mechanical seal, can be supplied against request.

Bearing: Deep groove ball bearing and thrust bearing. Standard lubrication - Oil (except MF 200 pump) MF 200 is with grease lubrication.

Direction of rotation: Clockwise viewed from driving end.

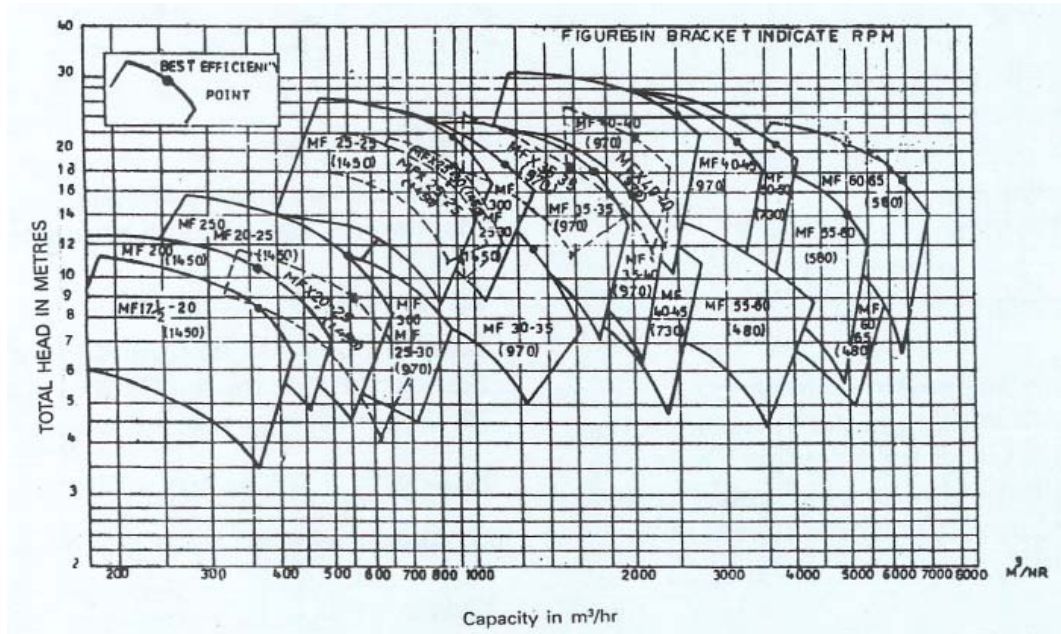
Drive: Suitable for coupling with electric motors, I.C. engines either directly or through belt drives/gear box.

Flanges: Flanges shall be drilled as per BSEN 1092, PN 16 flat face except MF 17 1/2 - 20, MF 55-60, MF 60-65 pumps. For these models drilling will be BS 10 Table D

Material of construction: Casing/casing cover : Cast Iron / SG Iron / Bronze ,Impeller : Cast Iron / SG Iron / Bronze ,Shaft : Carbon Steel / St. Steel



Family Curve of MF/MFX Pump at Rated rpm - 50 Hz



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