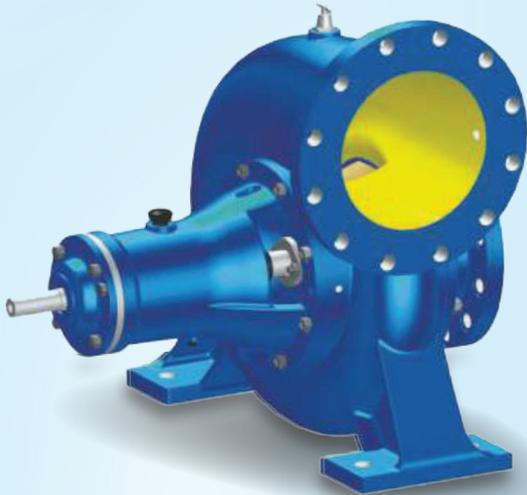




Enriching Lives

MIXED FLOW NON-CLOG PUMPS

TYPE - MF/ MF-E / MF-V

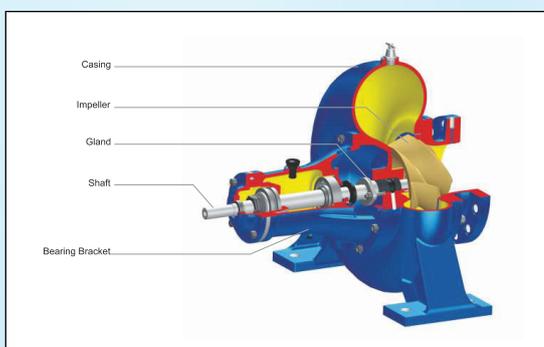


Range:

- Delivery size: up to 650 mm
- Capacity: up to 7,000 m³/hr.
- Head: up to 30 m

Applications:

Pumping drainage water, Storm water,
Supplying water from settling tanks in water works, Irrigation and agriculture for lift irrigation, Circulation of hot or cold water in industry, Air-conditioning plants, Power stations, Textile mills, Sewage handling, Flood control



Constructional Features:

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

Pump 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.

Impeller:

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



KIRLOSKAR BROTHERS LIMITED

Established 1888

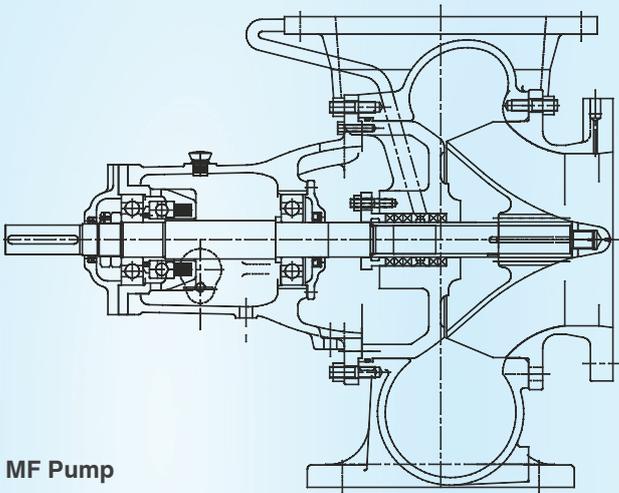
A Kirloskar Group Company

Material of construction:

Casing	Cast Iron/ Cast Steel/ Stainless Steel/ Duplex Steel/ Super Duplex
Casing Cover, Suction Cover	Cast Iron / Cast Steel / Stainless Steel / Duplex Steel/ Super Duplex
Impeller	Cast Iron/ Bronze/ Phosphor Bronze/ Cast Steel/ Stainless Steel/ Chrome Steel/ Duplex Steel/ Super Duplex
*Wear Ring	Cast Iron/ Bronze/ Steel/ Duplex/ Super Duplex
Shaft	Carbon Steel/ Stainless Steel/ Duplex Steel / Super Duplex
Shaft Sleeve	Stainless Steel/ Bronze/ Duplex/ Super Duplex
Lantern Ring	Cast Iron/ Bronze/ Duplex/ Super Duplex
Gland	Cast Iron/ Bronze/ Duplex/ Super Duplex

*for 'E' type Impeller only

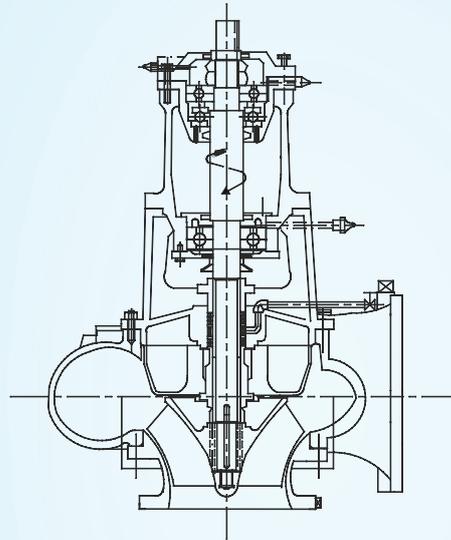
Cross - Section Drawing



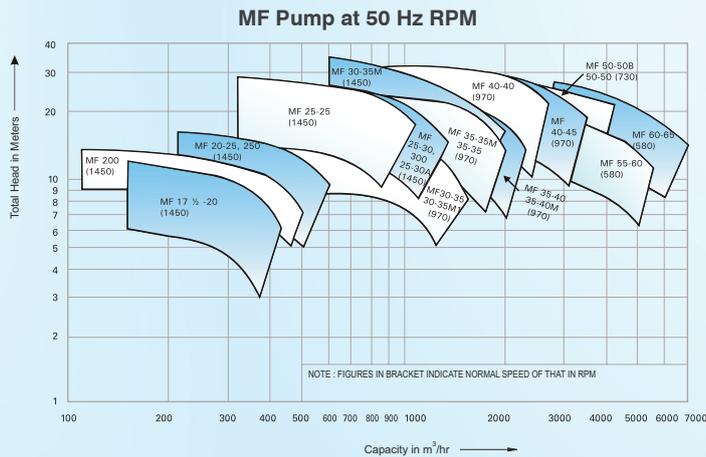
MF Pump

A) MF pumps are also available in Back pull out construction (MF-B)
B) MF pumps can be give with enclosed impeller (MF-E)

MF - Vertical Execution



Family Curve:



KIRLOSKAR BROTHERS LIMITED

Established 1888

A Kirloskar Group Company

OUR COMPANIES



REGISTERED OFFICE & GLOBAL HEADQUARTERS

"Yamuna", S. No. 98/(3-7), Plot No. 3, Baner, Pune - 411 045, Maharashtra, India.

Toll Free: 1800-123-4443 | Phone: +91 (20) 67214444

Email: marketing@kbl.co.in | Fax No. 020 67211060

Website: www.kirloskarpumps.com | CIN No. L29113PN1920PLC000670

Kirloskar Brothers Limited reserve the right to make alteration from time to time and such our products / equipments may differ from that detail in this publication. For latest information you may get in touch with our Regional Sales Offices.