

Extra heavy duty metal slurry pump

EMW-M

High abrasion and corrosion resistance

Design :

/ Impeller :

- Closed impeller provides high efficiency
- Long service life impeller (important thickness)
- Large flow passage.
- Front / back impeller clearing vanes for maximized flow characteristics for high efficiency and long wear life

/ Shaft sealing via gland packing is standard, with other options available

/ Suction nozzle design with antivortex ribs for improved wear

/ Shaft / impeller thread design provide for high power transmission

/ Floating steel flange with patented locking system for easy assembly and positive sealing

/ **Bearing :**
- Grease lubrication standard (oil lubrication is optional)

- Heavy-duty bearings offer LB10 bearing life of more than 50.000 hours

- Common and available bearings used.

/ Roller bearings handles both high radial and axial loads, capable of both direct and belt drive configurations.

/ Adjustable discharge nozzle

/ Standard bearing protection by labyrinth (Impermeable to water-flushing)

/ Clearance adjustment with the adjustable suction plate (from size 200)

/ Release collar allows quick and easy removal of the impeller (From size 200)



Performances :

/ Capacity : up to 4000 m³/h (17600 US gpm)

/ Total head : up to 95 m (180 ft)

/ Maximum operating pressure : 15 bar

/ Higher capacities and heads upon request

Standard materials :

/ Chrome iron high in hardness and toughness for maximum wear life

/ Other materials available upon request

Industrial applications :

/ Mining and mineral processing

/ Aggregates (Sand and Gravel)

/ Power (Bottom ash, lime slurry for FGD)

/ Food industry

/ Waste water

/ Chemical slurries

