

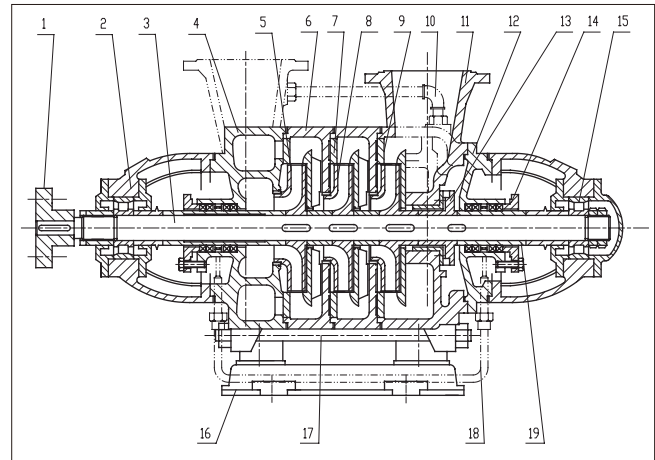
HORIZONTAL MULTI-STAGE PUMP



FEATURES

- * BFD Series is a horizontal multi-stage centrifugal pump.
- * Suitable used for transferring clear water or medium similar to clear water.
- * Suitable used for factory or city water supply.
- * MBFD Series is a improved design base on BFD Series.
- * It is wearable multi-stage centrifugal pump, especially suitable for mining operation.
- * Suitable transfer medium which contains solid passage <0.5mm.

STRUCTURE



●Sectional single casing construction, the suction casing, stage casing and discharge casing shall be tied together with tie-bolts and sealed with metal-to-metal surface sealing.

●Soft packing as standard shaft sealing, external water cooling system designed for cooling of gland cover and stuffing box. Mechanical seal also available upon request.

●The rotor shall be supported at both ends by slide or ball bearings that will be lubricated with either oil or grease and cooled by circulation water. The axial thrust of the rotor shall be balanced by balancing discs. Return water piping shall be designed between the balancing chamber and suction casing.

●Pump shall be flexibly coupled with driving motor, clockwise rotation looking from motor side.

1.Flexible Coupling	2.Bearing Housing
3.Shaft	4.Inlet Section
5.First Stage Impeller	6.Middle Section Seal Ring
7.Guide Vane	8.Second Stage Impeller
9.Final Stage Guide Vane	10.Balancing Piping
11.Outlet Section	12.Packing Body
13.Balance Plate	14.Packing Gland
15.Bearing	16.Base Plate
17.Tie-Bolt	18.Water Seal Pipe
19.Shaft Sleeve	

WORKING CONDITION

- * Medium Temperature: <80°C
- * Capacity Range: 6.3~580m³/hr
- * Head Range: 50~650m
- * Rated speed: 1480rpm, 2950rpm
- * Solid Passage: <0.5mm(for MBFD)

MODEL NOMENCLATURE

(M)BFD 155 - 67 X 9

