



KIRLOSKAR BROTHERS LTD.

END SUCTION NON CLOG ENCLOSED/SEMI-OPEN IMPELLER SOLID HANDLING PUMP TYPE-SHL

Description

Range: Delivery size up to 250mm to 900mm Capacity up to 13000 m³/hr, Head up to 82 m, Max. permissible solid size up to 300 mm, (Solid size will vary depending on the model)

Applications: For handling liquids with solids in suspension, sludges or pulpy material in paper Industries, sewage or waste with soft solids in suspension, viscous liquids or powdered material slurries, contaminated process liquids like sugar factory waste, trade liquors, etc.

Constructional Features: SHL are horizontal shaft, single stage, single suction pumps with back pull out type design. These pumps operate at 50 Hz and 60 Hz.

Casing: End suction with vertical delivery, High efficiency volute type to pass any solid that passes through the impeller and providing smooth unobstructed flow.

Delivery flange and feet are cast integral with the casing. A large inspection opening is provided on casing throat and on suction cover. **Impeller:** Single suction type enclosed impeller dynamically balanced. Semi- open impeller on request. **Shaft:** Shaft is supported by two bearings. Shaft in stuffing box area is protected by a shaft sleeve. **Stuffing Box:** Standard stuffing box sealing is grease. Optional sealing by water. Gland packed without cooling up to 90°C and with cooling to 140°C. Mechanical seal arrangement possible.

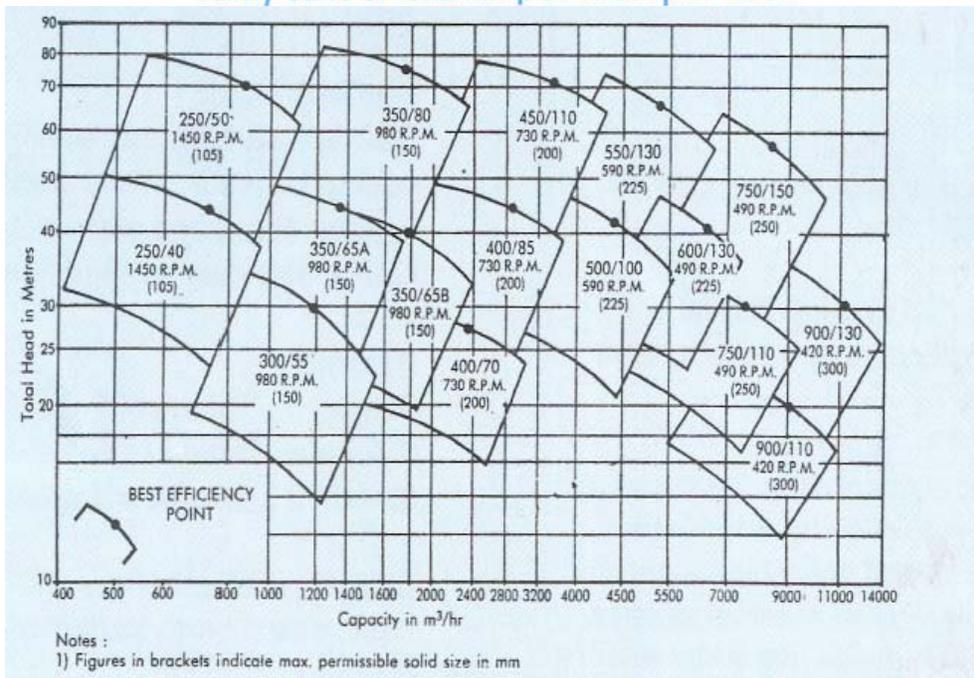
Bearings: SHL Pumps Standard: Spherical Roller Bearing at DE. Cylindrical roller bearing at NDE. Standard lubrication is grease and optional is Oil. **Direction of Rotation:** Clockwise viewed from driving end.

Drive: These pumps are suitable for coupling with electric motor or I.C. engine directly or through belt drives. Vertical pumps can be driven through Cardan Shafts. Cardan shafts can be provided with protection cover if required.

Flanges: Standard drilling to DIN 2533 ND 16 Optional drilling to ASA/BS/IS

MATERIAL OF CONSTRUCTION: Pump Casing: CI, NiCI,CF8M Casing Cover: CI, NiCI, CF8M Impeller : CI, NiCI, Bronze, PH. Bronze, CF8M, Pump Shaft : Carbon Steel, SS-316

Family Curve of SHL Pump at Rated rpm - 50 Hz



Authorised Distributor Perfect Industrial Services

34&5, CENTRE POINT, OPP PIPARIA POLICE STN, Silvassa-396230 (DNH)

Tel.: 0260-2633225, Fax: 0260-2632518, Cell: 9375122207/9824122207

E-mail: info@perfectindustrial.com, www.perfectindustrial.com