



KIRLOSKAR BROTHERS LTD.

IN LINE ENCLOSED IMPELLER BOOSTER PUMP TYPE ILS CONFORMING TO DIN24255

DESCRIPTION

Range: Delivery size up to 100 mm, Capacity up to 200 m³/hr Head up to 66 metres Temperature: from -30°C to 90°C

Applications: For pumping clear or turbid water up to 3000 ppm, Widely used for circulation systems in industry, irrigation, sprinkled system, booster service, Air Conditioning, and for liquids such as brine, alkaline solutions, Oils, benzene etc.

Constructional Features: ILS pumps are single stage, single suction, close coupled inline pumps. Mounted solely by their suction and delivery flanges with additional support if necessary. ILS pumps are simple, compact and easy to install. The pump can be mounted directly in the pipe line and construction allows a back-pull-out facility.

Casing: High efficiency volute type suction and delivery nozzles in one line and integral with casing. In suction, volute type with top centreline discharge. Suction and discharge nozzles as well as the supporting feet are cast integral with the casing.

Impeller: Enclosed type, dynamically balanced and hydraulically balanced by back vanes. **Shaft:** ILS Pump are with extended shaft motor. **Stuffing Box:** Available with suitable soft packed arrangement against specific requirement, Mechanical Seal also can be provided. **Direction of Rotation:** Clockwise when viewed from top.

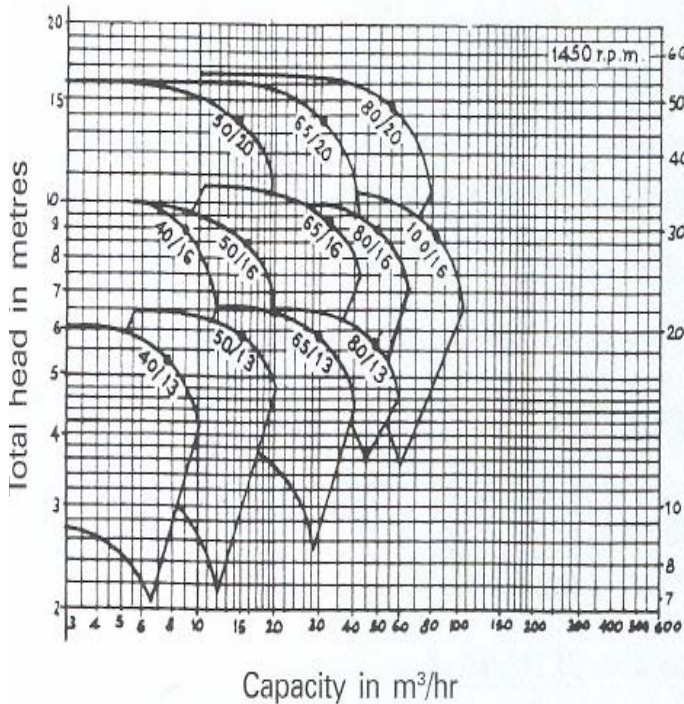
Flanges: As per DIN 2533 ND 16 for Drilling as per ASA, IS, BS, are also available.

Material of Construction: Available in different combinations of Cast Iron & Bronze for main components. **Motor Details:** 3 phase TEFC, Voltage: 415 +/- 10%, Frequency: 50 Hz +/- 5%, S1 duty, Insulation Class : F, IP55 Protection, Mounting: B5

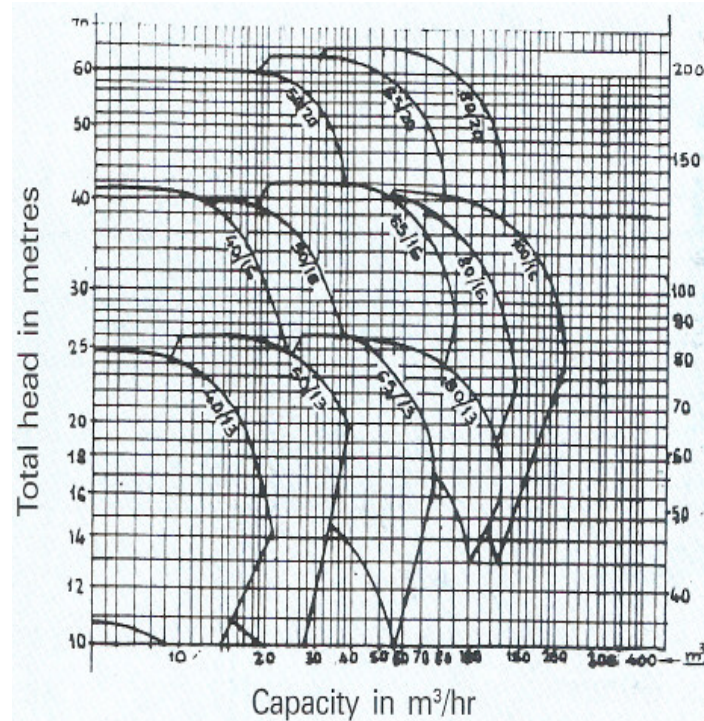


HORIZONTAL

Family Curve of ILS Pump at 1450 rpm



Family Curve of ILS Pump at 2900 rpm



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