

KIRLOSKAR END SUCTION PUMPS TYPE CE



Enriching Lives



Description :

Range :

Delivery size	32 mm to 125 mm
Capacity up to	660 m ³ /hr. (Max)
Head up to	100 m (Max)
Temperature	-10°C to 90°C (standard construction) 90°C to 140°C (with stuffing box cooling)

Application :

For continuous service in pumping of clear water and turbid water upto 3000 PPM. These pumps are ideally suitable for pumping water in industries, sprinkler system, booster services, fire fighting, air conditioning, condensate water supply etc.

Constructional features :

Pumps are as per DIN:24256 and ISO:2858. Back pullout type design. Suitable for operating speed of 3500 rpm(max.).

Pump casing :

The pump casing has axial suction and top centreline delivery. Integral feet mounted with replaceable case wear ring.

Impeller :

The impellers are of enclosed type. Smooth hydraulic passages designed with the advanced computer technology to achieve higher efficiency. Hydraulic balancing of impellers is achieved either by back vanes

or by balancing holes. The impellers are dynamically balanced.

Pump shaft :

The pump shaft is designed for heavy duty conditions and is supported by two antifriction bearings to take residual axial thrust and radial load.

Stuffing box :

Stuffing box is sealed by gland packing as a standard supply. Various types of mechanical seal arrangement can be supplied optionally.

Bearings :

Bearings are grease lubricated as a standard. Oil lubrication is optional.

Direction of rotation :

Clockwise when viewed from driving end.

Drive :

Pump can be driven by electric motor or by engine.

Flanges :

Standard : DIN:2533 ND16

Optional : IS:1538 / IS:6392

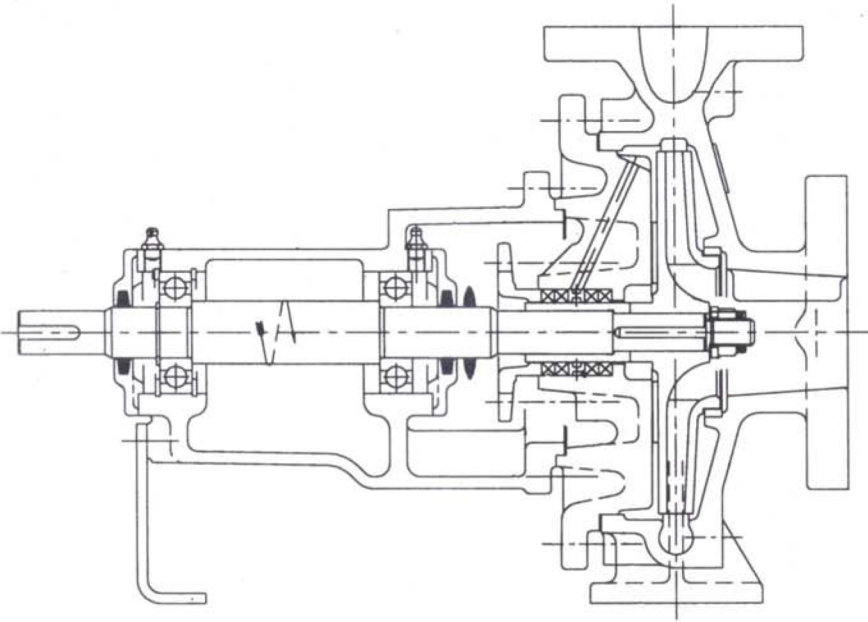
Material of construction :

Casing/casing cover : Cast Iron / SG Iron / Bronze

Impeller : Cast Iron / SG Iron / Bronze

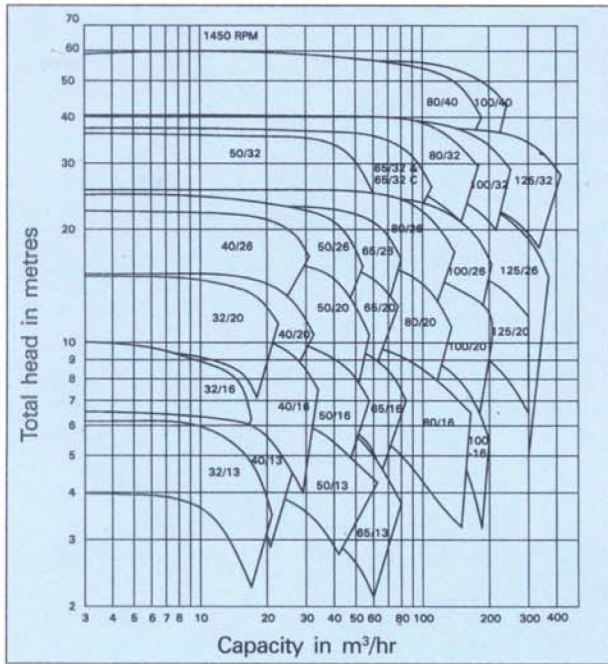
Shaft : Carbon Steel / St. Steel

Cross Sectional View of CE Pump

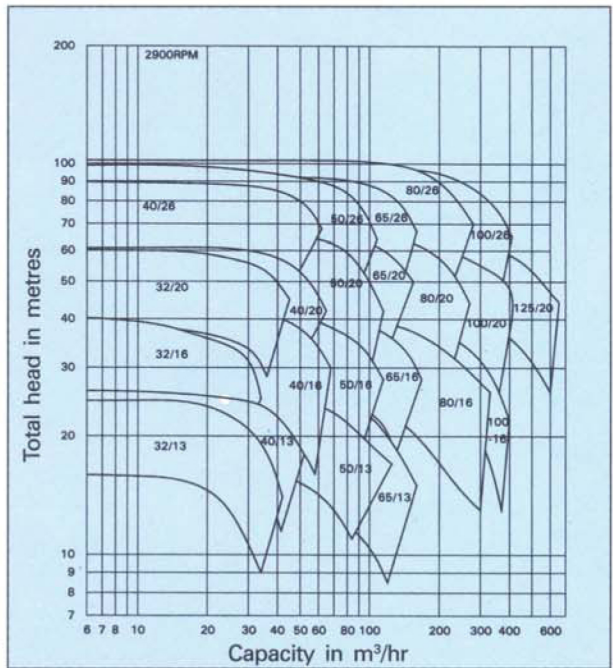


Typical Drg.

Family Curve of CE Pump at 1450 rpm



Family Curve of CE Pump at 2900 rpm



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