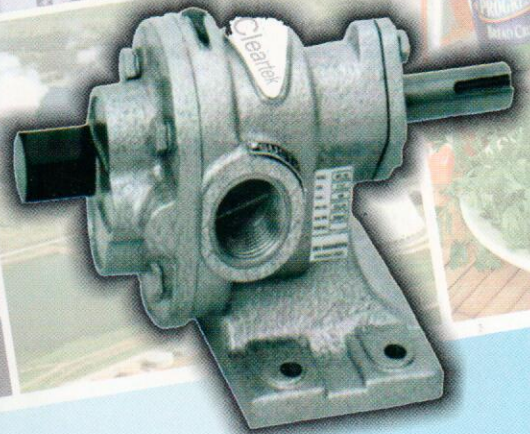
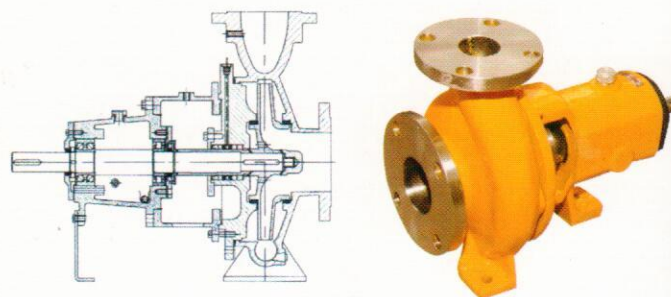
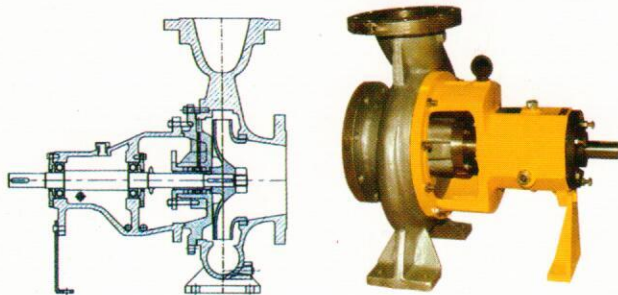


Cleartek



**Process Pumps for
all Industrial Application**



APPLICATIONS

LS-C type closed impeller pumps are used in Chemical process Industries, Petro-Chemical Industries, Sugar Industries, Sea Water Desalination Plants and Power Stations. Pumps are suitable for handling of all types of Clear Liquids, Acids, Dyes, Hydrocarbons, Chlorinated liquor, Black liquor, Condensate Water, etc.

Pumps are suitable for handling liquids having temperature in the range 10°C to 200°C

MATERIAL OF CONSTRUCTION

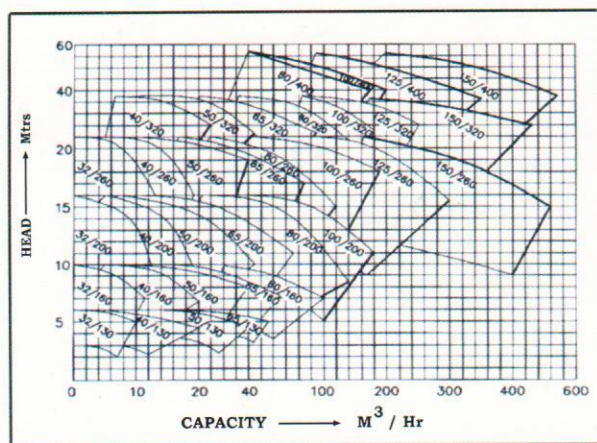
Graded Cast Iron / WCB / Bronze
Carbon Steel / Stainless Steel

OPERATING RANGE

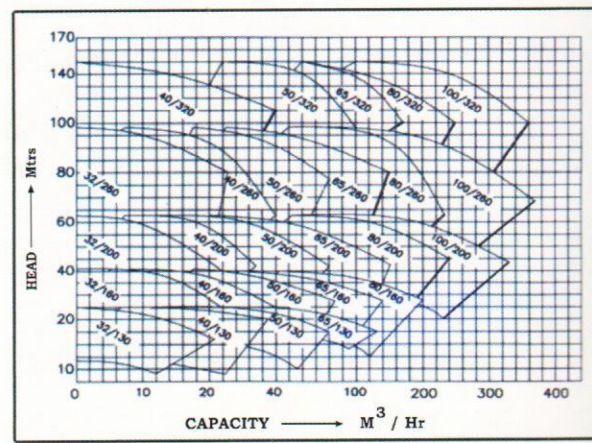
Capacity	: Up to 400 m ³ /hr
Head	: Up to 140 Metres
Casing Pressure	: Up to 16 kg/cm ²
Delivery Sizes	: DN 25 mm to DN 150 mm
Speed	: Up to 2900 rpm

CONSTRUCTIONAL FEATURES

- Horizontal back pull out design for ease of maintenance
- Dynamically balanced single suction enclosed type impeller
- Models are suitable to operate at 1450 rpm and 2900 rpm
- Centerline discharge volute casings
- Standard bearings are grease lubricated. Oil lubrication can be provided against requirement
- Standard flange drilling as per DIN 2533 ND16. Drilling as per ASA / BS / IS can also be offered against specific requirement
- Direction of rotation - Clockwise viewed from driving end

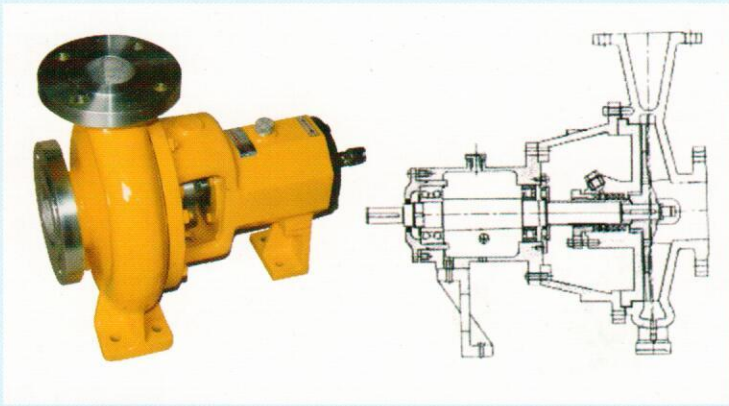


Speed - 1450 rpm



Speed - 2900 rpm





CONSTRUCTIONAL FEATURES

- Conforming to ANSI B73.1
- Horizontal back pull out design for ease of maintenance
- Single suction open and semi-open type impeller
- End Suction, Top Centerline discharge volute casing
- One cylindrical roller bearing on pump end and one double row angular contact bearing on drive end
- Models are suitable to operate at 1450 rpm and 2900 rpm
- Standard bearings are oil lubricated.
- Direction of rotation - Clockwise viewed from driving end

APPLICATIONS

LS-O type open impeller pumps are used for Sludge, Chemical Petrochemical Industries, Food Process Industries, Dyeing Industries, Sugar Industries, Paper & Pulp Industries, Fertilizer Units etc.

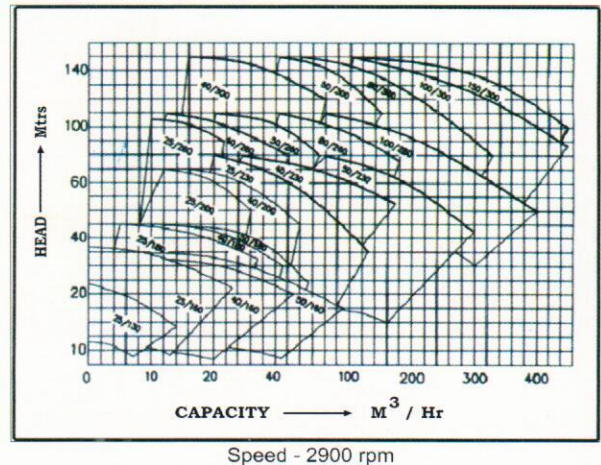
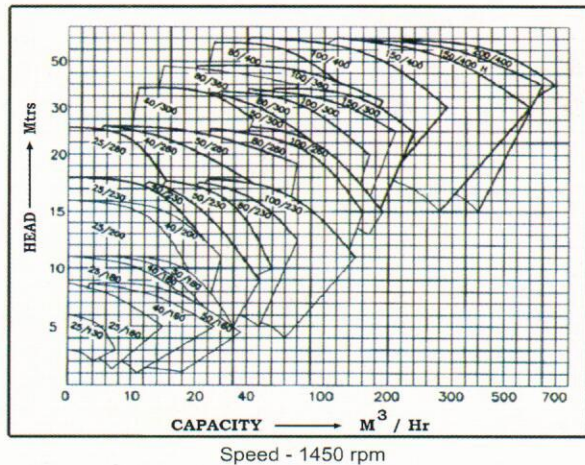
Pumps are suitable for handling liquids having temperature in the range - 10°C to 200°C

MATERIAL OF CONSTRUCTION

Graded Cast Iron, WCB, CF8, CF8M, SS316L, CD4MCu, ALLOY 20, HASTALLOY 'B' & 'C' etc.

OPERATING RANGE

Capacity	: Up to 500 m ³ /hr
Head	: Up to 140 Metres
Casing Pressure	: Up to 16 kg/cm ²
Delivery Sizes	: DN 25 mm to DN 200 mm
Speed	: Up to 2900 rpm



RANGES AND MODELS

Sl No.	Pump Model	Head	Flow	RPM	Opening
1	25/130	5 to 20	1-5 MQ / H	960-2880	25 X 32
2	40/125	5 to 20	5-12 MQ / H	960-2880	40 X 50
3	25/160	7 to 35	3-10 MQ / H	960-2880	25 X 40
4	32/160	7 to 35	5-15 MQ / H	960-2880	32 X 50
5	40/160	7 to 35	7-30 MQ / H	960-2880	40 X 50
6	50/160	7 to 35	7-40 MQ / H	960-2880	50 X 65
7	40/200	10 to 45	10-25 MQ / H	960-2880	40 X 50
8	50/200	10 to 45	12-40 MQ / H	960-2880	50 X 65

Sl No.	Pump Model	Head	Flow	RPM	Opening
9	65/200	10 to 45	15-60 MQ / H	960-2880	65 X 80
10	40/230	15 to 60	10-25 MQ / H	960-2880	40 X 50
11	50/230	15 to 60	12-60 MQ / H	960-2880	50 X 65
12	80/230	15 to 60	30-120 MQ / H	960-2880	80 X 100
13	80/260	20 to 80	50-200 MQ / H	960-2880	80 X 100
14	100/260	20 to 80	70-280 MQ / H	960-2880	100 X 125
15	125/260	20 to 80	100-400 MQ / H	960-2880	125 X 150

