



KIRLOSKAR BROTHERS LTD.

END SUCTION BACK PULL OUT ENCLOSED IMPELLER GLANDLESS, SEAL-LESS 0 LEAKAGE PUMP TYPE iCP

iCP



Zero Leakage Mechanism

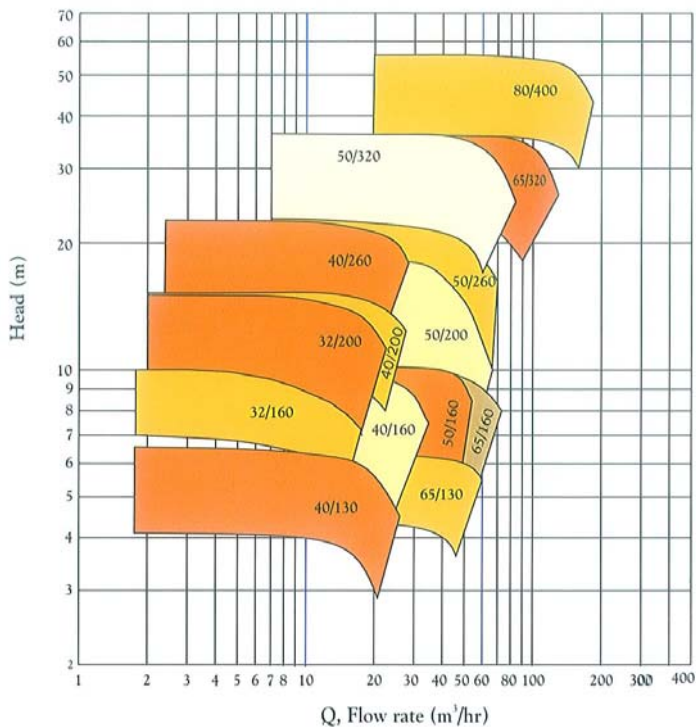
Description:

Range: Delivery size 32 mm to 125 mm, Capacity up to 180 m³/hr. (Max), Head up to 85 m (Max), Temperature -10°C to 95°C, **Application:** Light chemicals like caustic soda, weak acids etc. , Food & beverage industries (Sugar, vegetable oils etc.), Hot water, Brine , DM water , Lime Water etc.

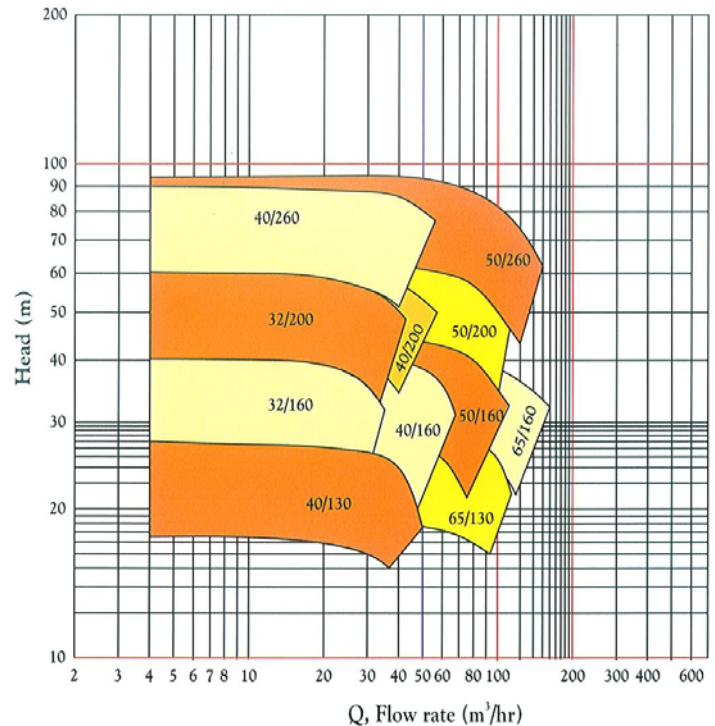
Constructional features: Pumps are without mechanical seal & without gland packing arrangement, External Sealing or flushing liquid self venting design, conforming to ISO:2858, Pumps are sturdy yet light in weight, widely interchangeable component, Back pullout type design. Suitable for operating speed of 1450 & 2900 RPM **Pump casing:** The pump casing has axial suction and top centreline delivery with Integral feet mounting 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. The impellers are dynamically balanced. **Pump shaft:** The pump shaft is designed for heavy duty conditions and shaft is fully protected from liquid, is supported by two antifriction bearings to take residual axial thrust and radial load. **Bearings:** Bearings are grease lubricated as a standard. Oil lubrication is optional. **Direction of rotation:** Clockwise when viewed from driving end. **Flanges:** Standard : DIN:2533 ND16, Optional : IS:1538 / IS:6392, **Material of construction:** Casing : Cast Iron / SG Iron / Bronze/CF8M/CS , Impeller : Cast Iron / SG Iron / Bronze/CF8M/CS , Shaft : C-40/SS-316l

iCP Family range 1450 RPM



iCP Family range 2900 RPM



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