



CORACHROM - 100mm, 150mm & 200mm Stainless Steel Submersible Borewell Pumps

Outstanding
efficiency for
qualifying better
M.E.I. value



Govt. of India
MNRE
approved



Applications

- Drinking water supply
- Solar pumping application
- Domestic water supply
- Sprinkler and drip irrigation systems
- Farmhouses, nurseries and gardening
- Cooling water systems
- Building service pressure boosting systems
- Industry
- Water supply System
- Lowering ground water system



CORACHROM - 100mm, 150mm & 200mm Stainless Steel Submersible Borewell Pumps

CORACHROM - A complete Stainless Steel pump series viz. CORACHROM 110mm (4"), 150mm (6") & 200mm (8") is made in India with German technology. These pumps, with wide range of hydraulics, offer optimised performance for any application. These pumps are suitable for pumping water from saline borewells due to its constructional features.

Further, with KSB AC motor specially tuned for solar pumping application, these flawless pumps ensure that you get the maximum liters of water per Watt peak (Wp) and tirelessly work even under low sun intensity.

Salient Features

- Designed for underwater application
- Rigid connection between pump and motor
- Intermediate bearing support for higher stages
- Low weight pump for easy handling
- Sturdy, rigid construction and service friendly
- Low noise operation
- The counter thrust ring prevents damage in case of up-thrust and down thrust
- Anti-seize check valve
- Motor rated for maximum pump out put
- Rewindable water filled motors - for easy, economical maintenance and local repair with availability of spares
- Motor can withstand wide voltage fluctuations single and three phase power supply

Efficiency

- The valve body is designed for optimum hydraulic properties to minimize the pressure loss across the valve and thus to contribute to the high efficiency of the pump
- Outstanding efficiency for qualifying better M.E.I. value

Corrosion and wear resistance

- High quality pump material and component made of SS 304
- Investment cast Suction and NRV in SS 304 (CF8)

Flexibility

- Suitable for installation in narrow deep narrow wells for vertical, horizontal or inclined installation
- NEMA & Key way Connection

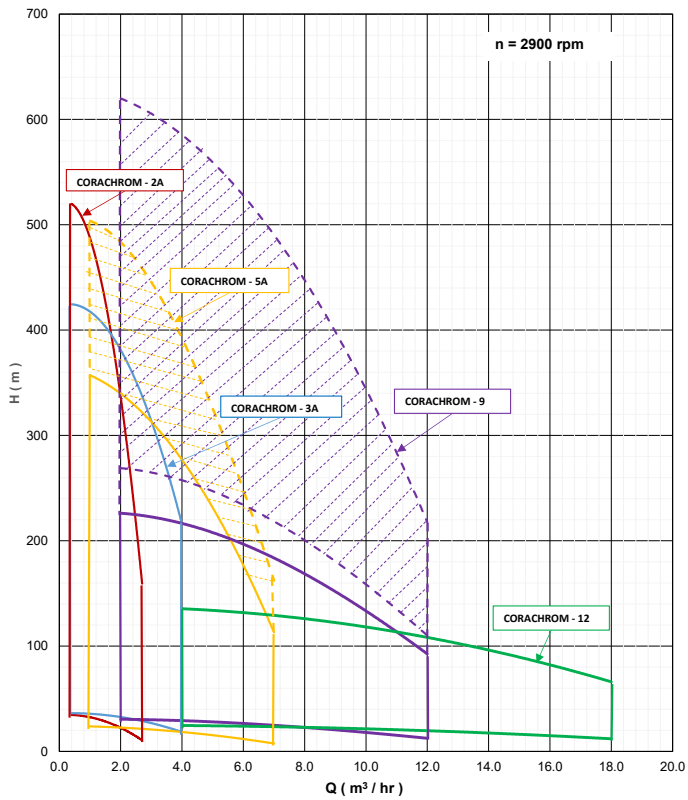
Technical data

Characteristic		50 Hz			60 Hz		
Flow rate	Q (m ³ / Hr)	≤ 18	≤ 79	≤ 120	≤ 18	≤ 79	≤ 120
	Q (l / min)	≤ 300	≤ 1316	≤ 2000	≤ 300	≤ 1316	≤ 2000
Head	H (m)	≤ 638	≤ 464	≤ 277	≤ 780	≤ 675	≤ 269
Fluid Temperature	T (OC)	≤ 30 for continuous duty			≤ 30 for continuous duty		
Rated Speed	n (rpm)	2900			3500		
Power	PN (kW)	≤ 7.5	≤ 37	≤ 55	≤ 7.5	≤ 37	≤ 55
	D (mm)	100	150	200	100	150	200
Well Diameter	D (")	4	6	8	4	6	8
Materials	Complete Stainless Steel; CrNi Steel (1.4301/AISI 304)						



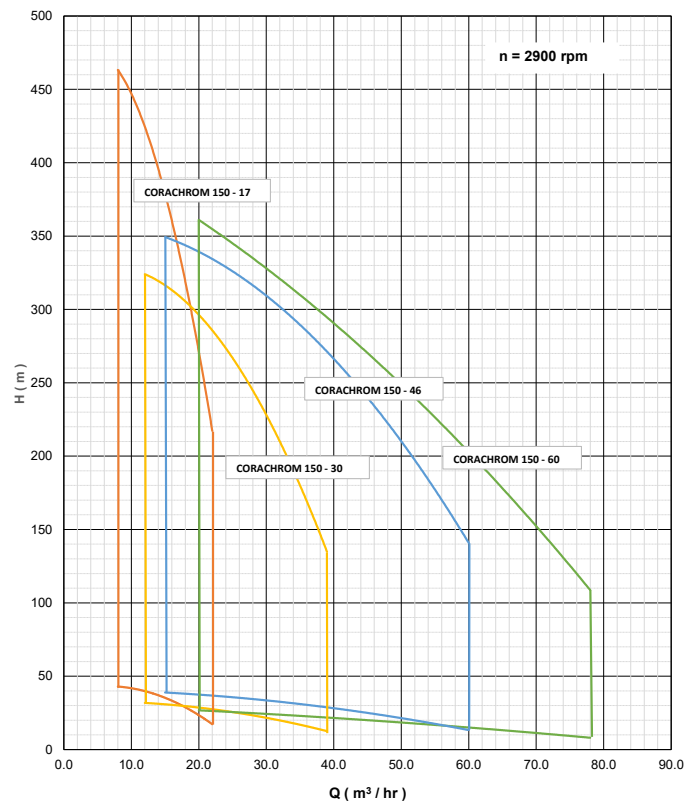
Family Curves : 50Hz (2900 rpm)

CORACHROM 100 (4")

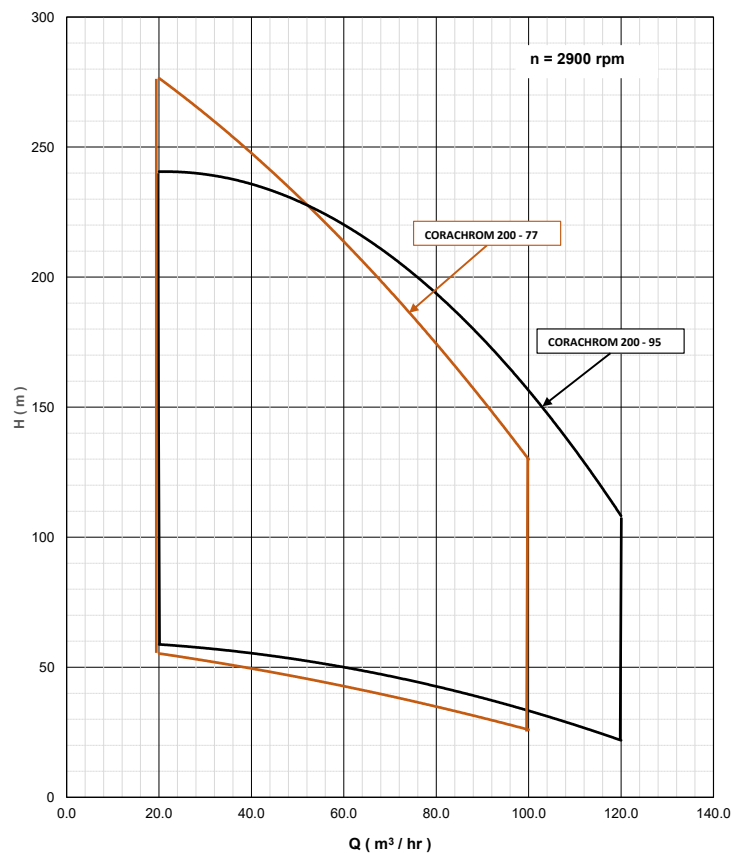


Note: Higher Pressure, Longer Stages Pump (mark in dotted) with respect to Hydraulic are available on request

CORACHROM 150 (6")

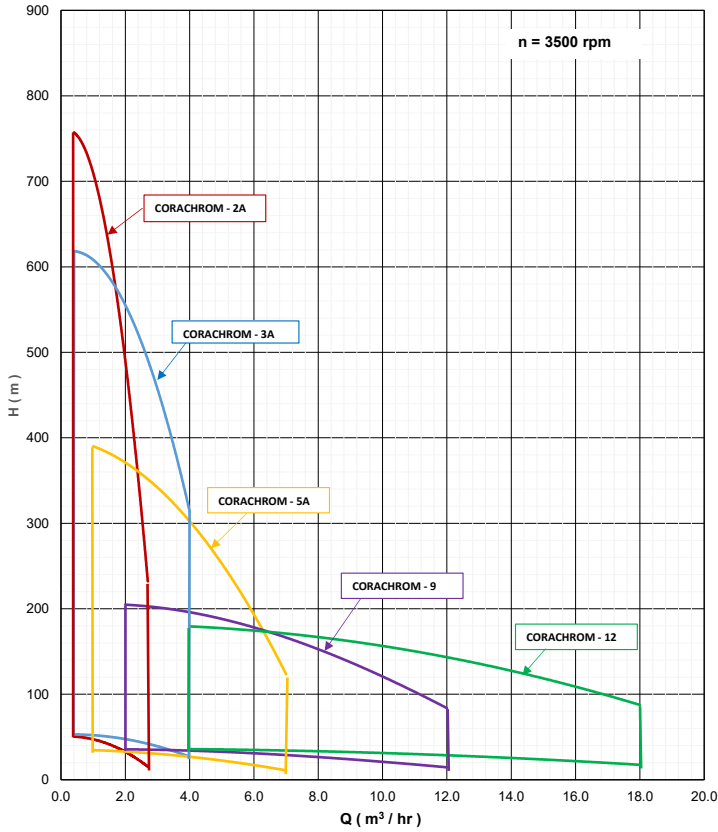


CORACHROM 200 (8")

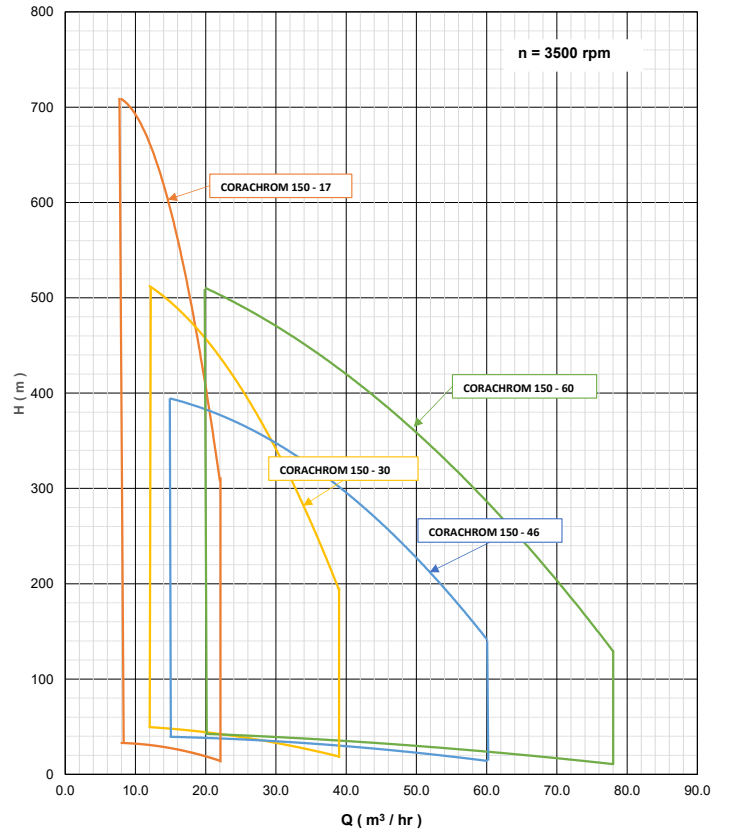


Family Curves : 60Hz (3500 rpm)

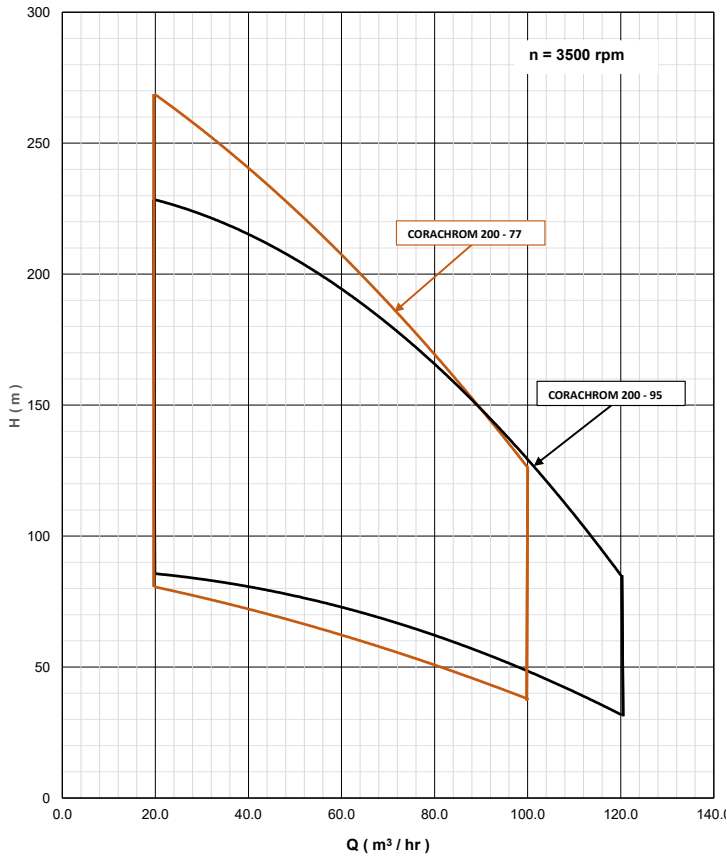
CORACHROM 100 (4")



CORACHROM 150 (6")



CORACHROM 200 (8")



Subject to technical modification without prior notice.