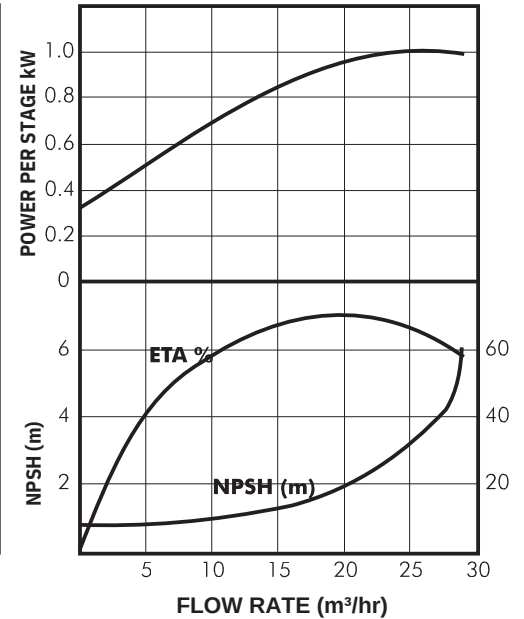
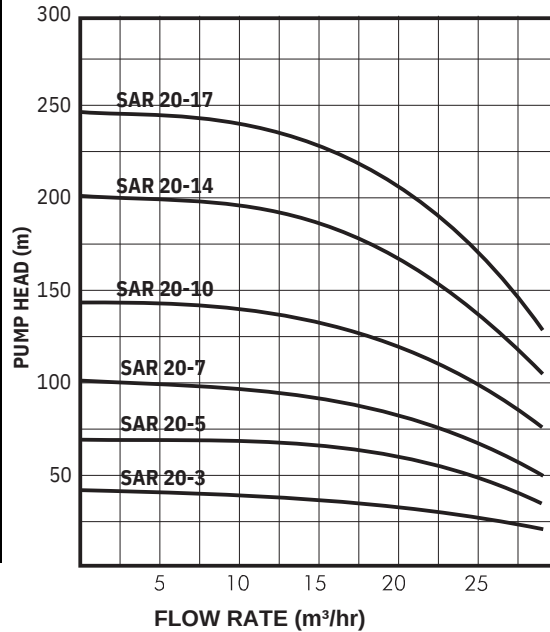


SAR 20 VERTICAL MULTISTAGE CENTRIFUGAL PUMPS



Typical Applications

- Municipal water distribution - The pump can be used to supply water in urban and rural areas through municipal water supply systems.
- High-rise buildings - Suitable for providing pressurized water to tall structures, ensuring consistent supply across different floors.
- Agricultural irrigation - The pump can be employed in farming and agriculture to deliver water to crops, ensuring proper hydration for optimal growth.
- Industrial processes - Suitable for transferring liquids in various industrial applications, such as manufacturing processes or chemical plants.
- Commercial facilities - Used in settings like hotels, resorts, and commercial buildings to transfer liquids for different purposes.
- Pressure boosting - The pump can enhance water pressure in systems where higher pressures are required, ensuring consistent water flow.
- Corrosive environments - The pump's construction with AISI 316 stainless steel makes it suitable for pumping highly mineralized and corrosive water, making it applicable in environments with challenging water quality.
- High-temperature liquids - With a liquid temperature range of -15°C to +120°C, the pump is suitable for applications involving liquids at elevated temperatures.
- Commercial and Industrial Installations

Operating Conditions

Pumped Liquids: Thin, clean, non-aggressive and non-explosive liquids without solid particles or fibres.

Liquid Temperature Range: -15°C to +120°C

Maximum Ambient Temperature: +50°C

Maximum Suction Lift: According to the NPSH curve plus a safety margin of 1m

Maximum Operating Pressure: Up to 11kW - 16bar, other - 25bar

Maximum Inlet Pressure: DIN20-3 -8bar, DIN 20-5 to 17 - 10bar

Technical Data

Model	Motor		Full load Current (A)	IStart/I	Dimensions(mm)					Weight (kg)
	kW	HP			H1	H2	D1	D2	D3	
SAR20-3	4	5.5	8.7	7.5	463	789	220	161	-	63
SAR20-5	5.5	7	11.2	7.0	585	947	235	197	300	93
SAR20-7	7.5	10	14.7	8.7	675	1080	235	197	300	102
SAR20-10	11	15	18.9	6.6	887	1332	269	215	350	139
SAR20-14	15	20	25.5	6.4	1067	1557	269	215	350	155
SAR20-17	18.5	25	31.3	6.4	1202	1742	318	241	350	193

