

SCRF

Applications

The SPERONI SCRF circulators for clean liquids, without abrasives, which are non-aggressive for the pump materials (contents of solids up to 0.2%). For heating, conditioning, cooling and circulation plants. For civil and industrial applications. When low noise operation is required.

Limits of application

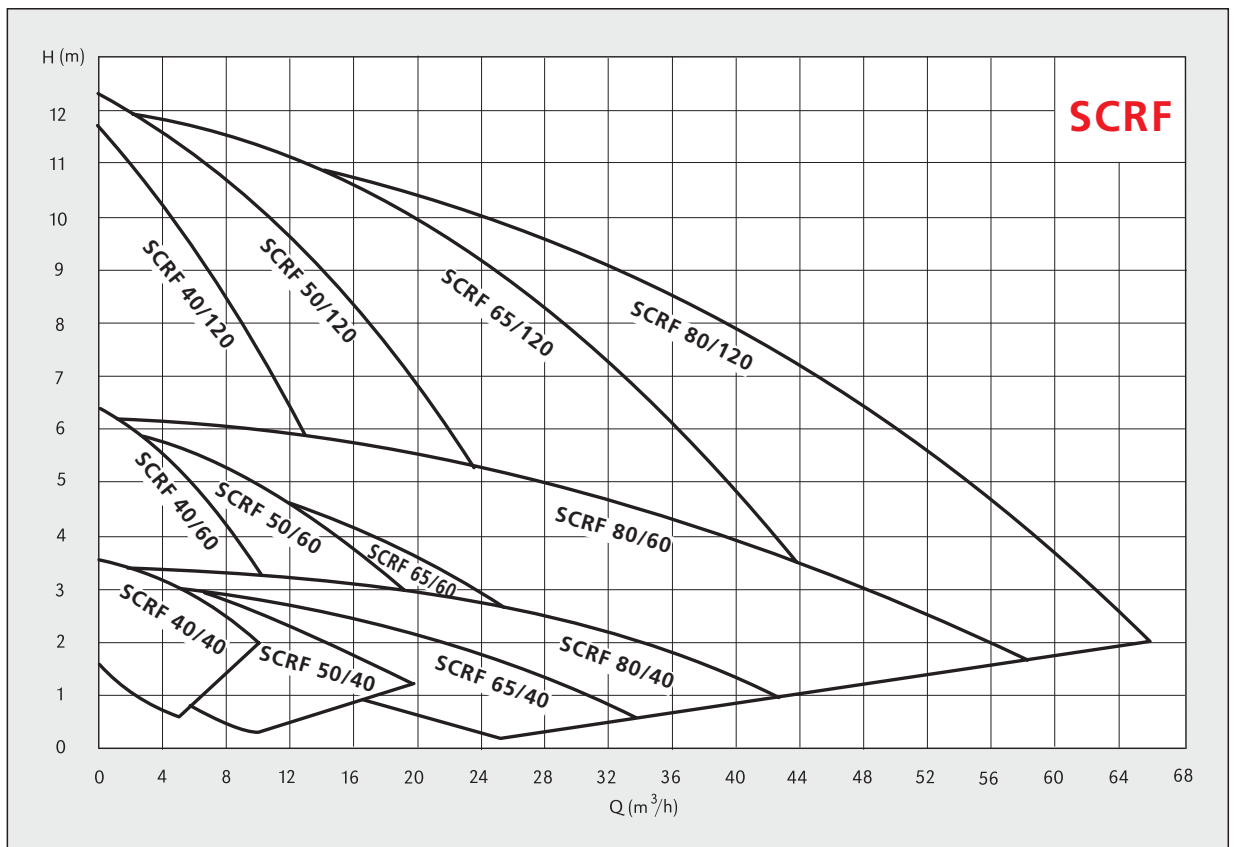
- Liquid temperature from -10 °C to +120 °C (in short-time duty up to + 140 °C).
- Ambient temperature up to 40 °C.
- Maximum glycol quantity: 50% (Mixture with more than 20% glycol content require rechecking of the pumping data).
- Maximum permissible working pressure 6/10 bar.

Motor

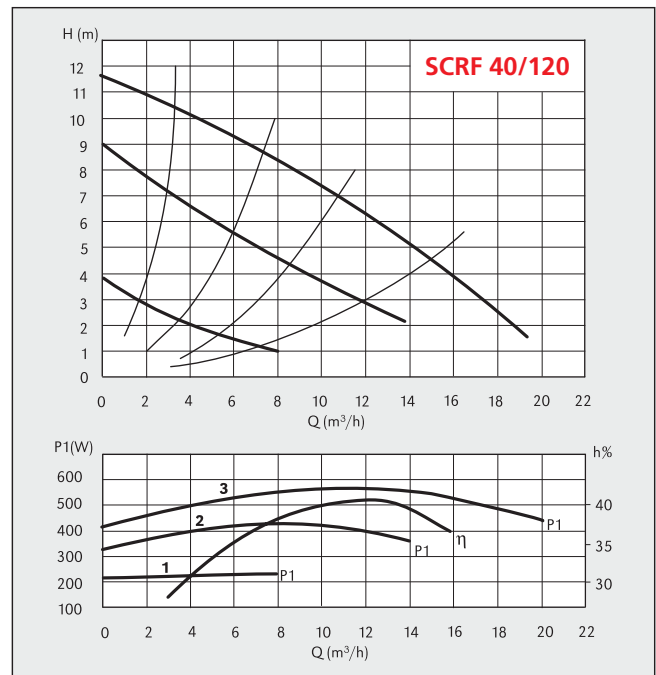
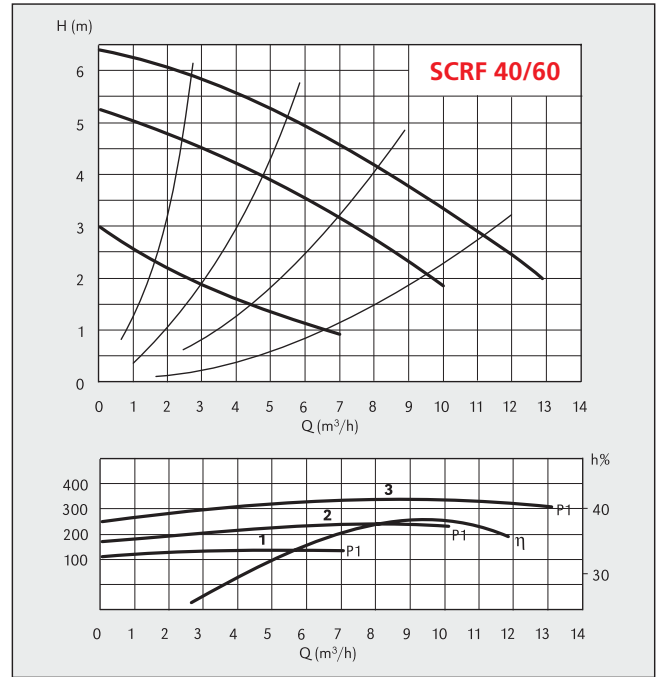
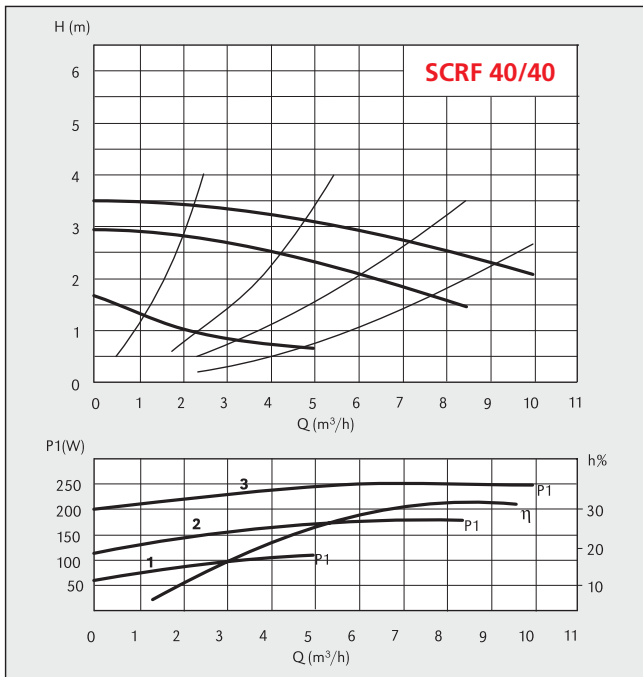
- 2/4 pole induction motor, 50 Hz.
- Three adjustable speeds.
- SCRF: three-phase 230V or 400 V.
- Insulation class F.
- Protection IP 43.

Components

- Pump casing Cast iron
- Impeller Stainless steel
- Shaft Stainless steel



SCRF 40



DIMENSIONS AND WEIGHTS

| TYPE | DN | N° Pole | | Pos. | 1/min | P1 (W) | 3x 400 V [A] | [kg] |
|-----------------|----|---------|---|------|-------|--------|--------------|------|
| | | 2 | 4 | | | | | |
| SCRF 40-40/250 | 40 | ✓ | | 3 | 1440 | 240 | 0,76 | 17,0 |
| | | | | 2 | 1200 | 160 | 0,24 | |
| | | | | 1 | 660 | 100 | 0,11 | |
| SCRF 40-60/250 | 40 | ✓ | | 3 | 2790 | 320 | 0,74 | 17,5 |
| | | | | 2 | 2240 | 240 | 0,36 | |
| | | | | 1 | 1440 | 140 | 0,18 | |
| SCRF 40-120/250 | 40 | ✓ | | 3 | 2820 | 560 | 1,16 | 19,0 |
| | | | | 2 | 2200 | 400 | 0,64 | |
| | | | | 1 | 1250 | 220 | 0,26 | |

