

SCRFD

Applications

The SPERONI SCRFD 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

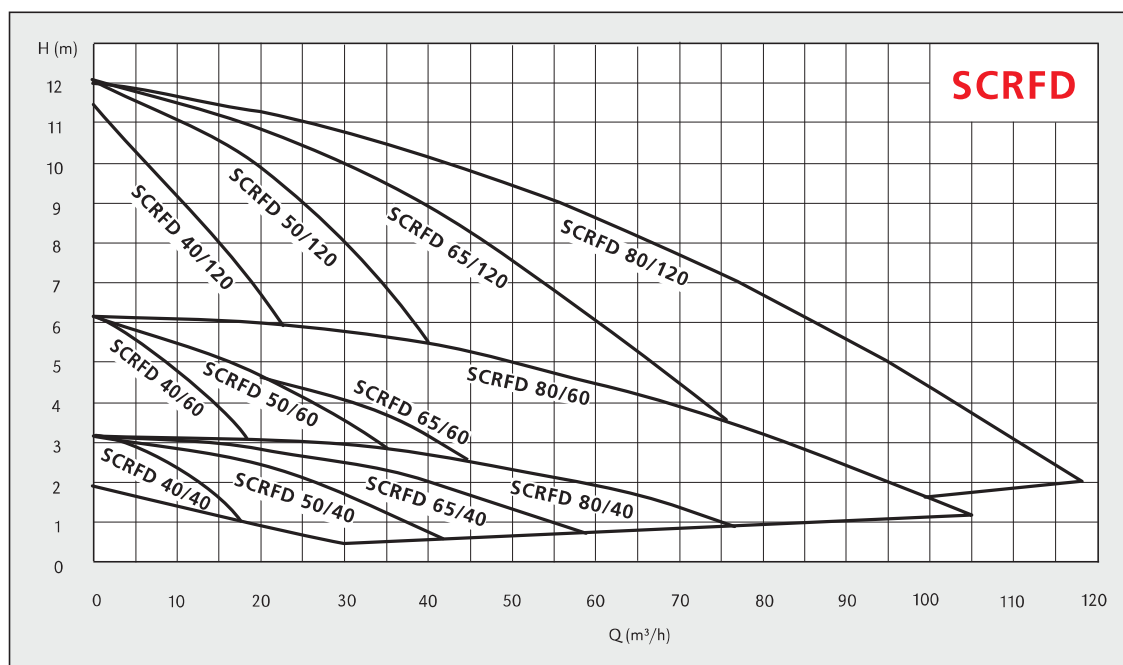
- Liquid temperature from -10 °C to +120 °C (in short-time duty up to + 140 °C).
- Ambient temperature up to 40 °C.
- Maximum glycol quantity: 50% (Mixture with more than 20% glycol content require rechecking of the pumping data).
- Maximum permissible working pressure 6/10 bar.

Motor

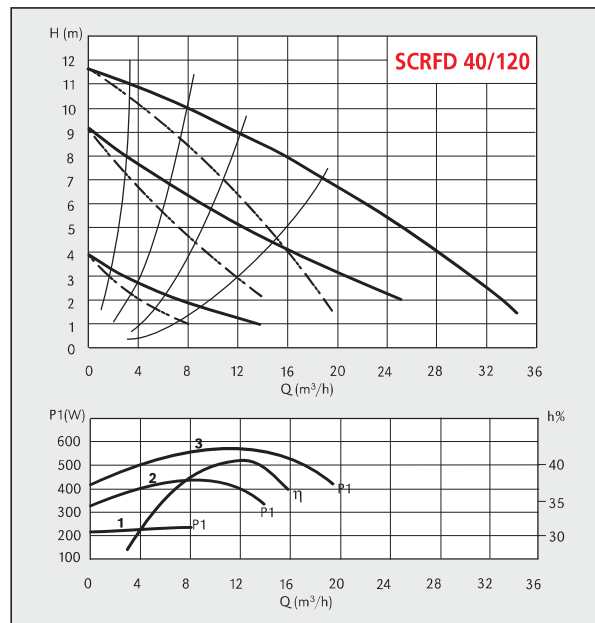
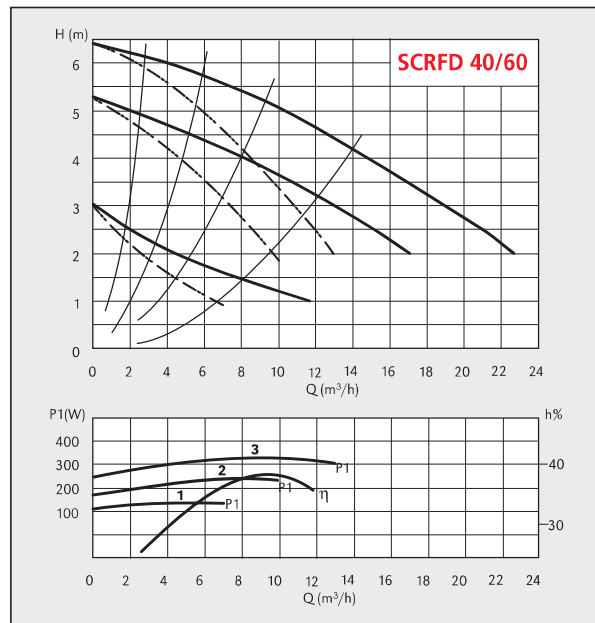
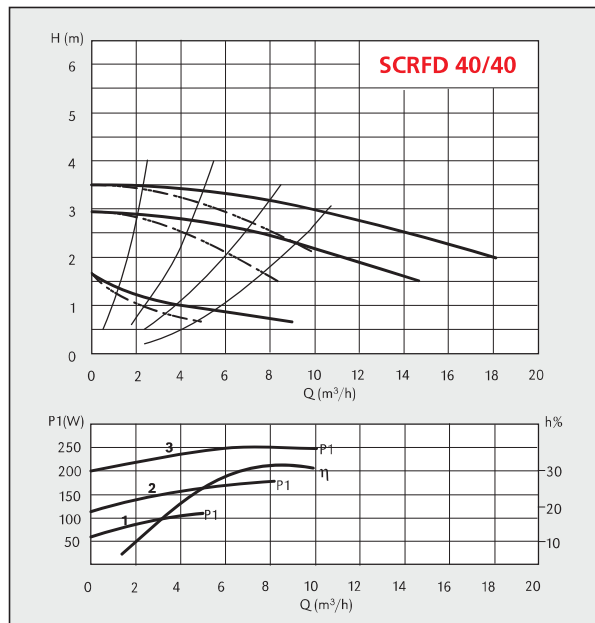
- 2/4 pole induction motor, 50 Hz.
- Three adjustable speeds.
- SCRFD: three-phase 400 V.
- Insulation class F.
- Protection IP 43.

Components

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

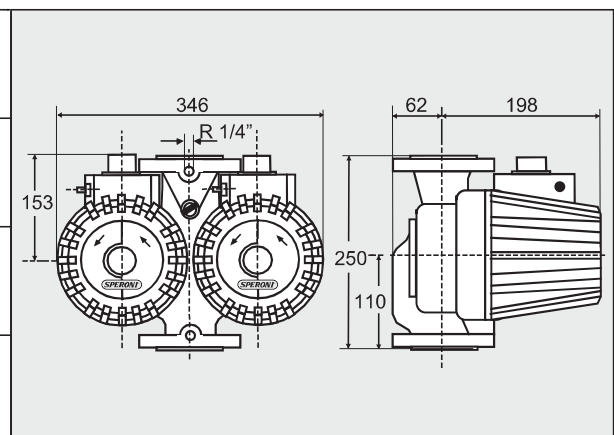


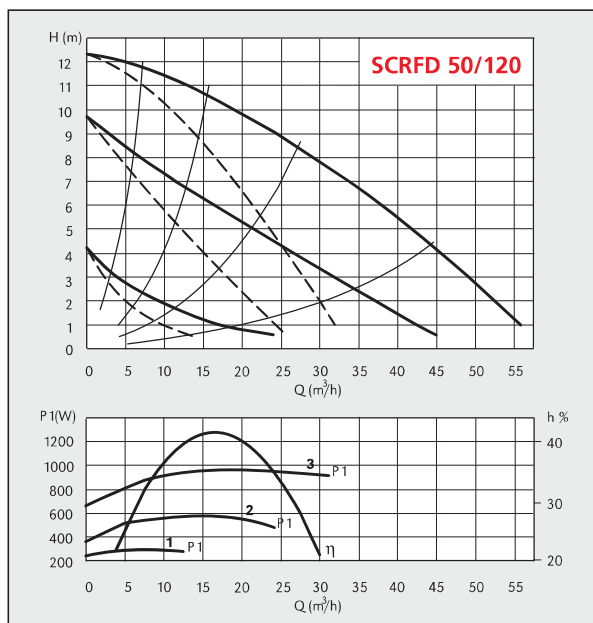
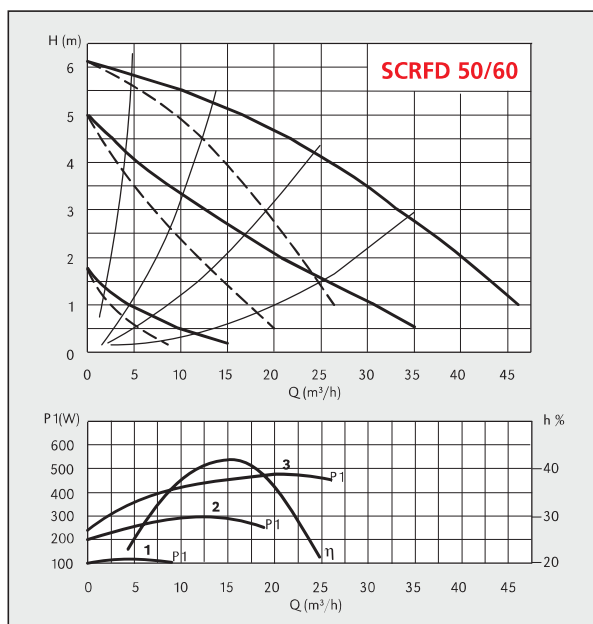
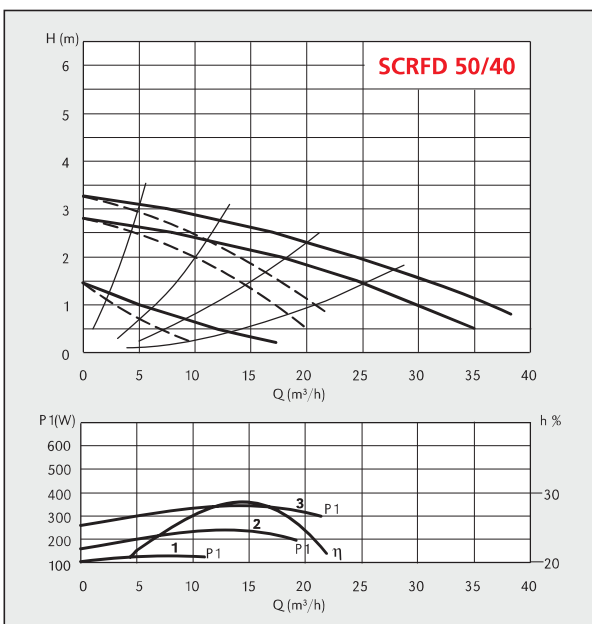
SCRFD 40



DIMENSIONS AND WEIGHTS

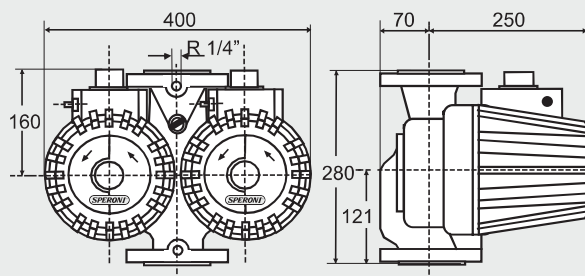
TYPE	DN	N° Pole	Pos.	1/min	P1 (W)	3x 400 V [A]	[kg]
SCRFD 40-40/250	40	✓	3	1440	240	0,76	34,0
			2	1200	160	0,24	
			1	660	100	0,11	
SCRFD 40-60/250	40	✓	3	2790	320	0,74	35,0
			2	2240	240	0,36	
			1	1440	140	0,18	
SCRFD 40-120/250	40	✓	3	2820	560	1,16	35,0
			2	2200	400	0,64	
			1	1250	220	0,26	

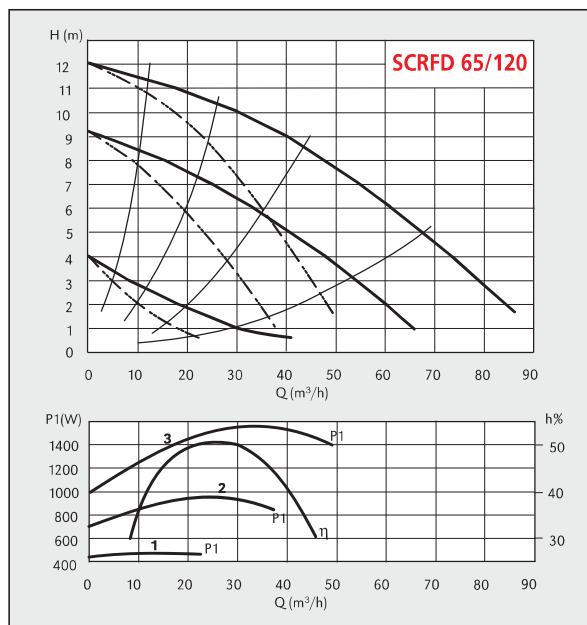
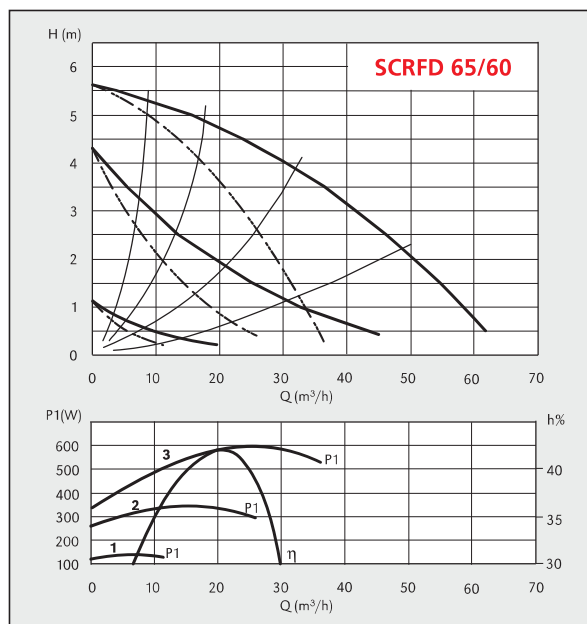
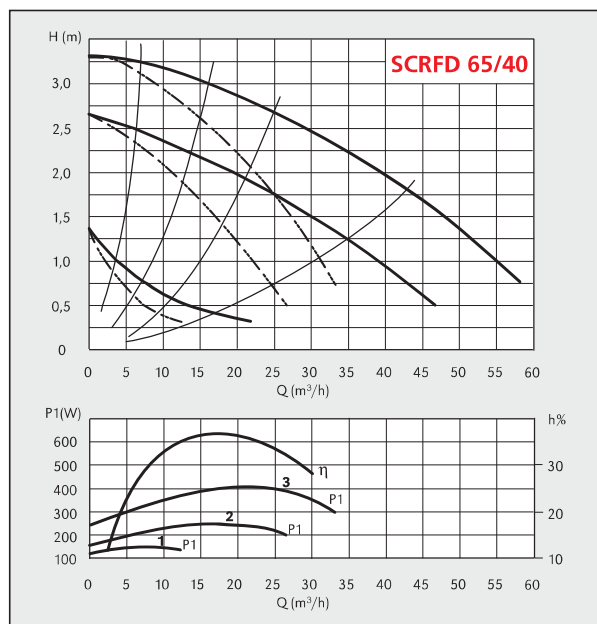




DIMENSIONS AND WEIGHTS

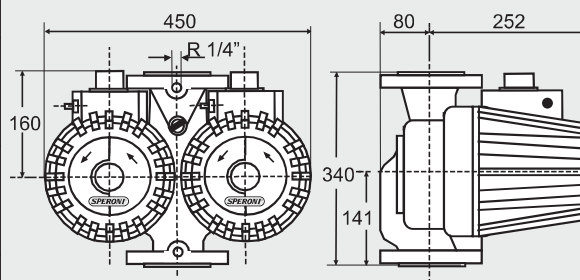
TYPE	DN	N° Pole 2 4	Pos.	1/min	P1 (W)	3x 400 V [A]	[kg]
SCRFD 50-40/280	50	✓	3 2 1	1450 1220 620	340 240 120	1,05 0,44 0,22	44,0
SCRFD 50-60/280	50	✓	3 2 1	1400 1000 560	470 300 100	1,15 0,55 0,20	44,0
SCRFD 50-120/280	50	✓	3 2 1	2800 2330 1270	950 540 265	1,73 1,05 0,46	44,0

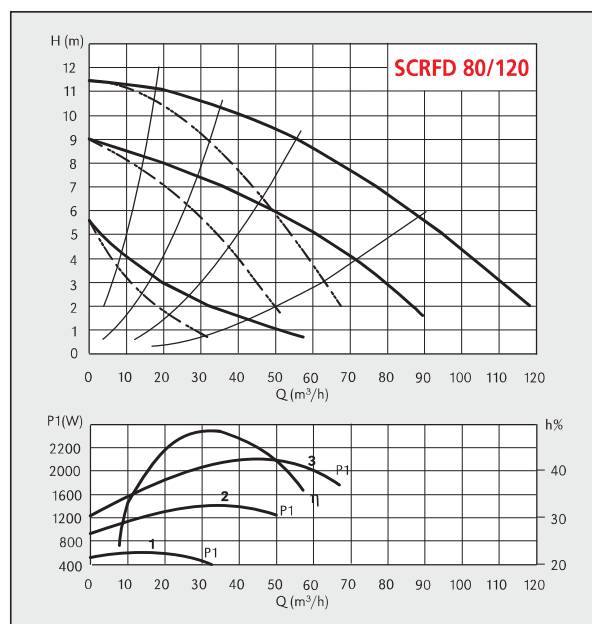
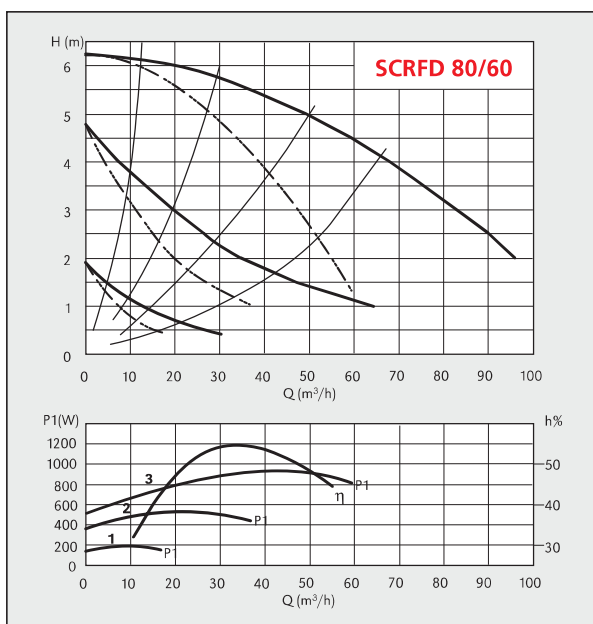




DIMENSIONS AND WEIGHTS

TYPE	DN	N° Pole	Pos.	1/min	P1 (W)	3x 400 V [A]	[kg]
SCRFD 65-40/340	65	2	3 2 1	1430 1150 600	400 160 120	1,10 0,50 0,22	49,0
SCRFD 65-60/340	65	2	3 2 1	1370 950 450	600 360 120	1,25 0,64 0,22	49,0
SCRFD 65-120/340	65	2	3 2 1	2810 2200 1250	1560 960 460	2,80 1,70 0,84	54,0





DIMENSIONS AND WEIGHTS

TYPE	DN	N° Pole		Pos.	1/min	P1 (W)	3x 400 V [A]	[kg]
SCRFD 80-60/360	80	2	4	3	1350	960	2,20	60,0
				2	1000	560	1,10	
				1	600	200	0,38	
SCRFD 80-120/360	80	✓		3	2800	2200	3,80	62,0
				2	2160	1400	2,40	
				1	1200	550	1,05	

