

THREE-SPEED SINGLE-PHASE CIRCULATION PUMP

Applications

The SISTEMA UPRFE 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

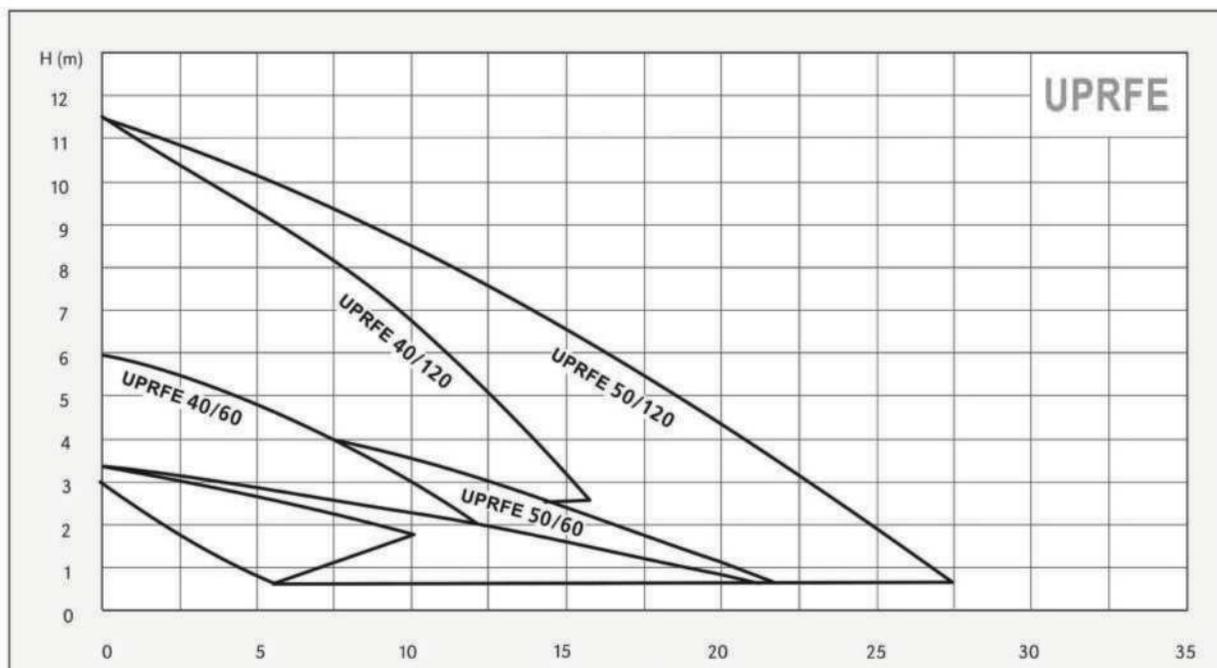
- Liquid temperature from -10 °C to +120 °C (in short-time duty up to + 140 °C).
- Ambient temperature up to 40 °C.
- Maximum glycol quantity: 50% (Mixture with more than 20% glycol content require rechecking of the pumping data).
- Maximum permissible working pressure 6/10 bar.

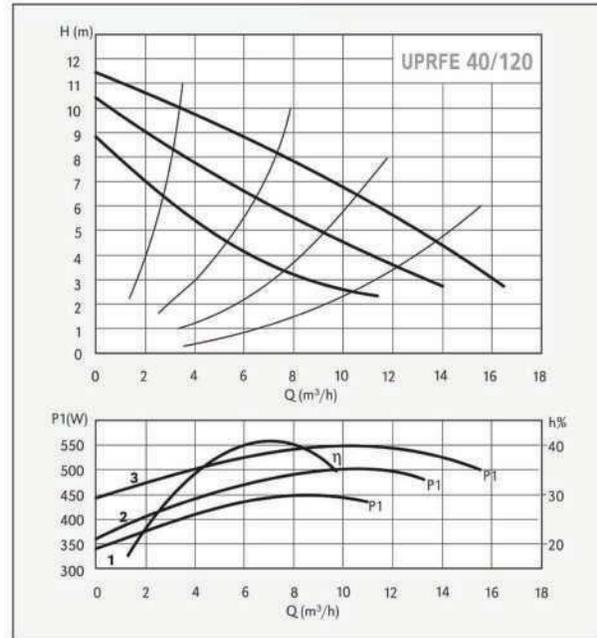
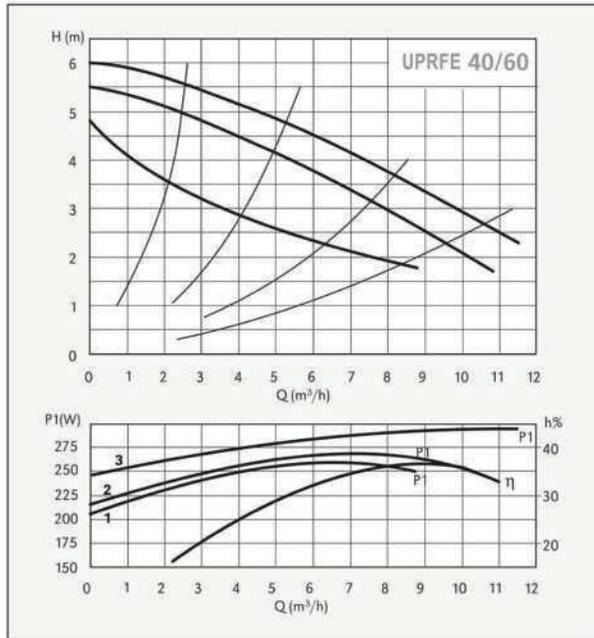
Motor

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

Components

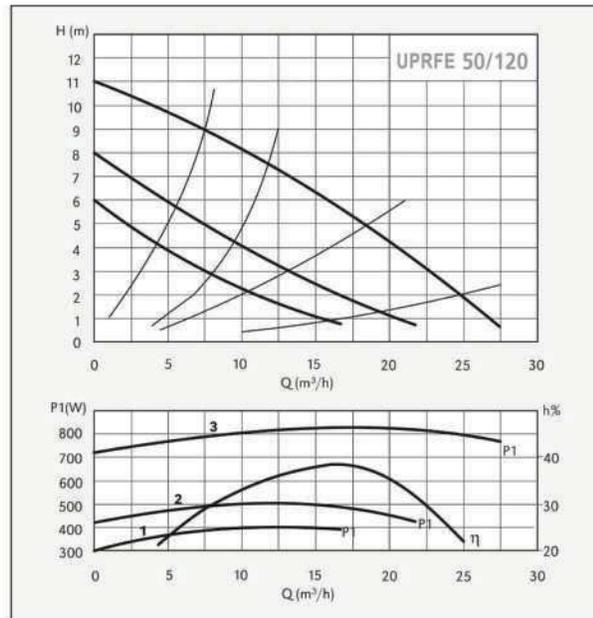
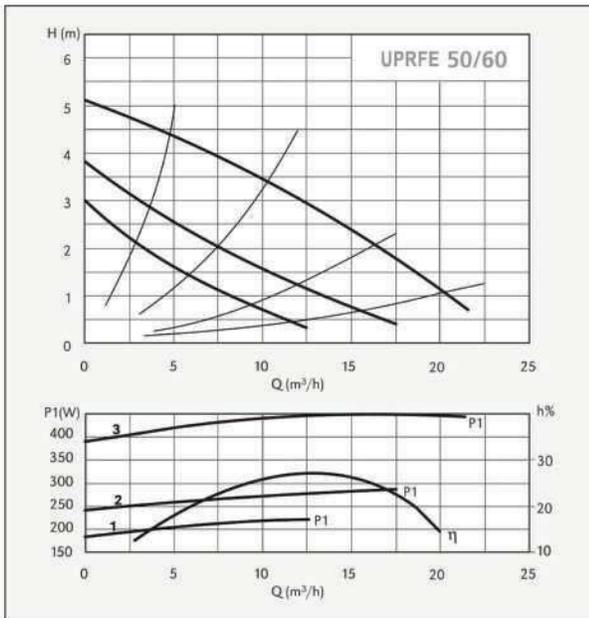
- Pump casing Cast iron
- Impeller Stainless steel
- Shaft Stainless steel





DIMENSIONS AND WEIGHTS

TYPE	DN	N° Pole	Pos.	1/min	P1 (W)	1x 230V [A]	[kg]
UPRFE 40-60/250	40	2 4	3	2690	285	1,20	17,5
			2	2360	245	1,18	
			1	1820	225	1,15	
			3	2750	550	2,35	



DIMENSIONS AND WEIGHTS

TYPE	DN	N° Pole		Pos.	1/min	P1 (W)	1x 230V [A]	[kg]		
		2	4							
UPRFE 50-60/280	50			3	1260	415	1,8	24,5		
			✓	2	1030	300	1,3			
				1	740	230	1,0			
UPRFE 50-120/280	50			3	2720	830	3,6	24,5		
		✓		2	1870	480	2,1			