

NCS3

Circulating pumps for sanitary hot water



Construction

Bronze pump casing with suction and delivery connections with the same diameter and on the same axis (in-line).
Stainless steel AISI 316 can.

Materials	NCS3 ..-40, -50	NCS3 ...-70
Pump casing	Bronze	Bronze
Impeller	Composite	Composite
Shaft	Stainless steel	Ceramic
Bearings	Graphite	Ceramic

Applications

Circulation of sanitary hot water.

Operating conditions

Liquid temperature from +5 °C to +65 °C.
Ambient temperature up to 40 °C.
Sound pressure ≤ 43 dB (A).
Minimum suction pressure: 0,05 bar at 50 °C
Maximum permissible working pressure 10 bar.

Designation

NCS3 20 - 40 / 130

Series _____

DN ports in mm _____

Max. head in dm _____

connection size mm _____

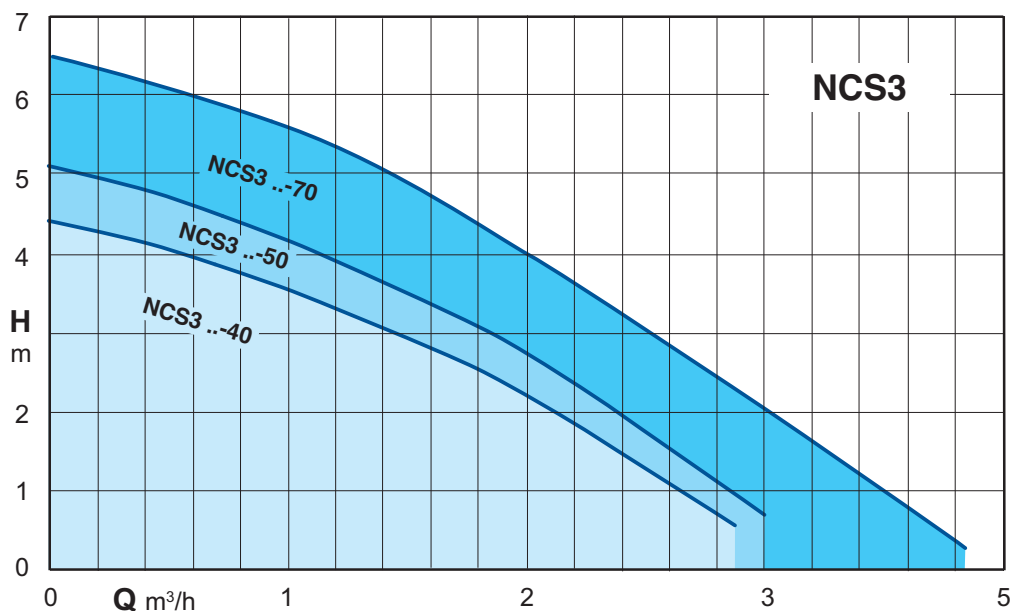
Motor

2-pole induction motor, 50 Hz.
Three adjustable speeds.
NCS3: single-phase 230 V.
Insulation class H.
Protection IP 44.

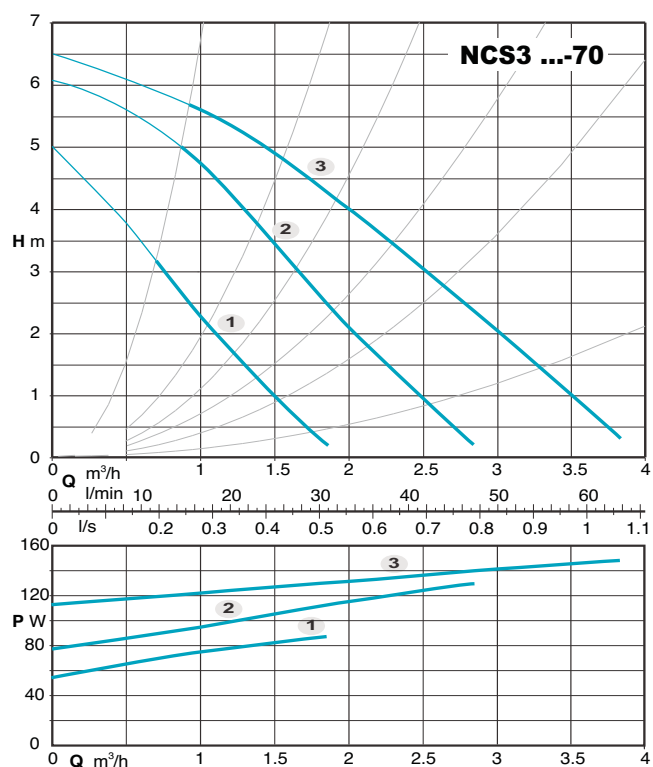
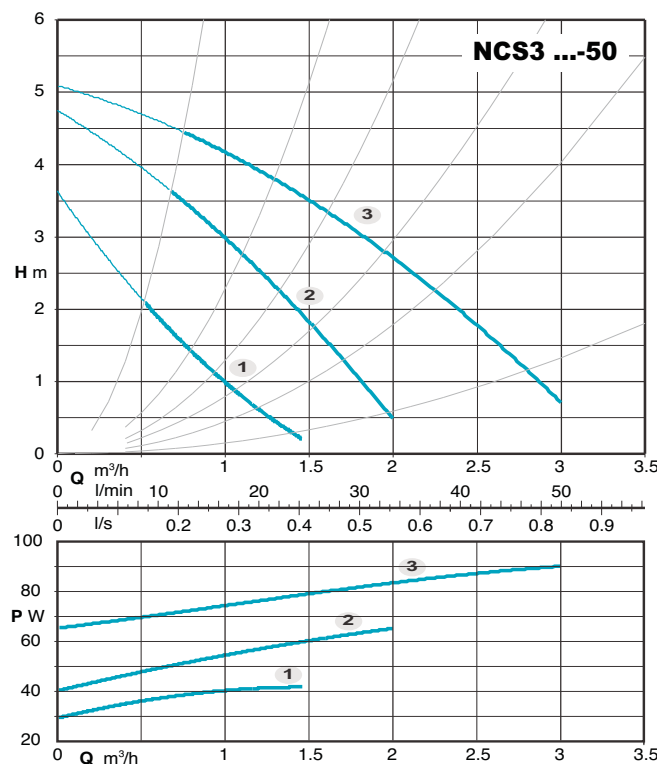
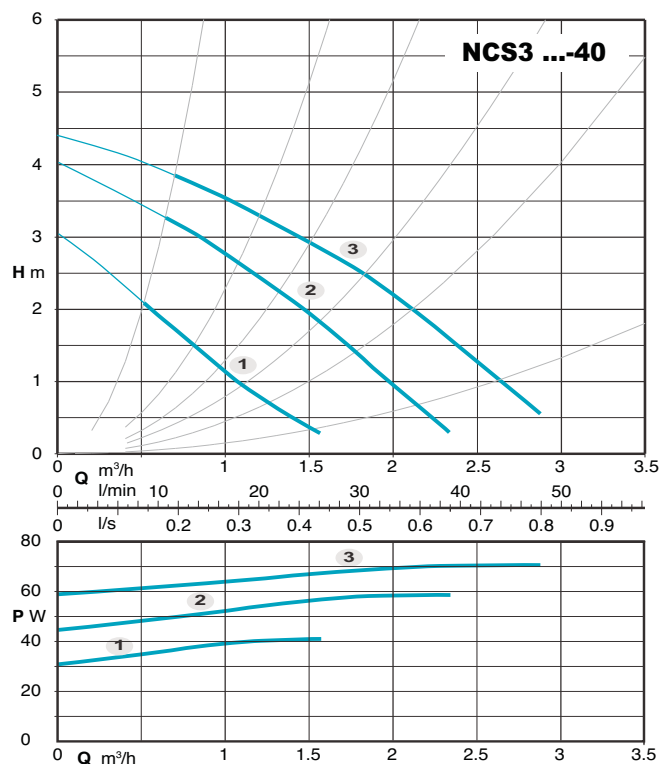
Special features on request

Brass unions.

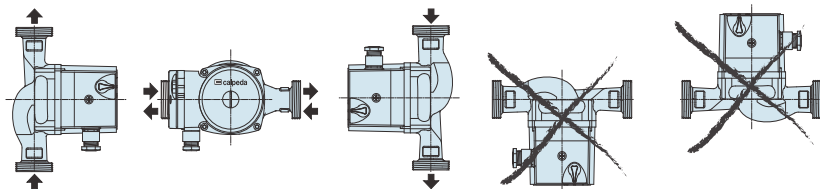
Coverage chart



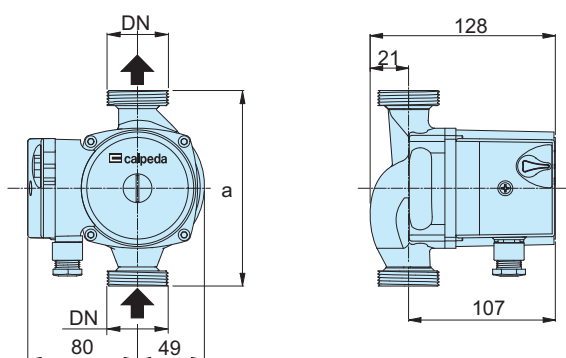
Characteristic curves



Examples of installations

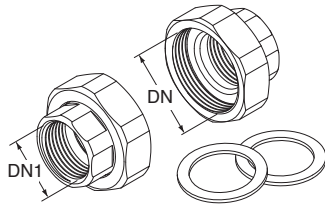


Dimensions and weights



TYPE	DN	Pos.	P1 (W)	1x 230 V [A]	a mm	[kg]
NCS3 20-40/130	G 1 1/4	3	70	0,30	130	2,3
NCS3 25-40/130	G 1 1/2	1	59	0,26		
		41		0,18		
NCS3 20-50/130	G 1 1/4	3	91	0,38	130	2,5
NCS3 25-50/130	G 1 1/2	1	65	0,28		
		42		0,18		
NCS3 20-70/130	G 1 1/4	3	148	0,66	130	3,8
NCS3 25-70/130	G 1 1/2	1	128	0,59		
		87		0,41		

Unions (on request)



TYPE	DN	DN1
KIT G 1 1/4 - G 3/4 (NCS3 20..)	G 1 1/4	G 3/4
KIT G 1 1/2 - G 1 (NCS3 25..)	G 1 1/2	G 1