

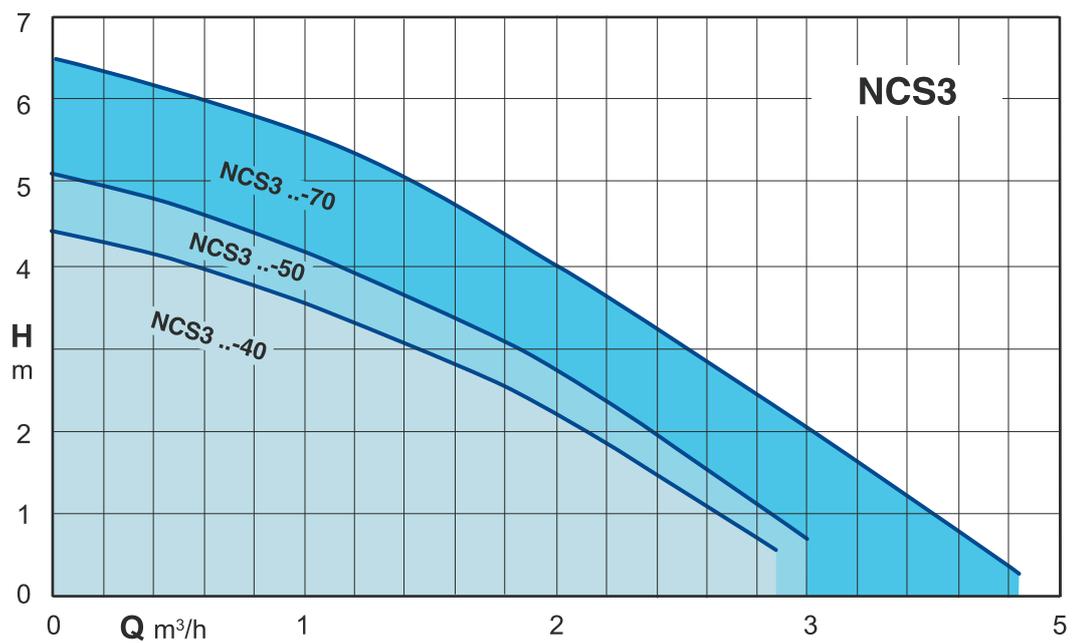
NCS3 60 Hz



Circulating pumps for sanitary hot water
三段變速循環泵浦（牙口）



Coverage chart - 性能總表



Construction

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

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 \square 43 dB (A).
Minimum suction pressure: 0,05 bar at 50 °C
Maximum permissible working pressure 10 bar.

Motor

2-pole induction motor, 60 Hz.
Three adjustable speeds.
NCS3: single-phase 220 V.
Insulation class H.
Protection IP 44.

Special features on request

Brass unions.

Designation

NCS3 20 - 40 / 130

Series _____
DN ports in mm _____
Max. head in dm _____
connection size mm _____

結構

泵浦外殼上之出入水口直徑相同並在同一直線上(In-Line)
依需求提供黃銅或鑄鐵材質油任。

材質	NC3 ..-40-50-60	NC3 ...-70-80-85-120
泵浦外殼	鑄鐵	鑄鐵
葉片	複合材質	複合材質
軸心	不鏽鋼	陶瓷

應用

適用於無雜質、不具腐蝕性之乾淨液體
加熱及空調設備系統。

操作條件

- 液體溫度 +5°C 至 +110°C (NC3...70-80-85-120 之液體溫度為 -10°C 至 +110°C)
- 周圍溫度至 +40°C
- 噪音值 \leq 43dB(A)
- 最大乙二醇含量 50% (乙二醇含量大於 50% 之混合物需重新確認泵浦數據)
- 最大可允許操作壓力：10bar

型號	最小吸入壓力：bar		
	50 °C	80 °C	110 °C
NC3 ..-40,50,60	0,05	0,4	1,1
NC3 ..-70	0,05	0,4	1,1
NC3 ..-80,85,120	0,05	0,4	1,2

馬達

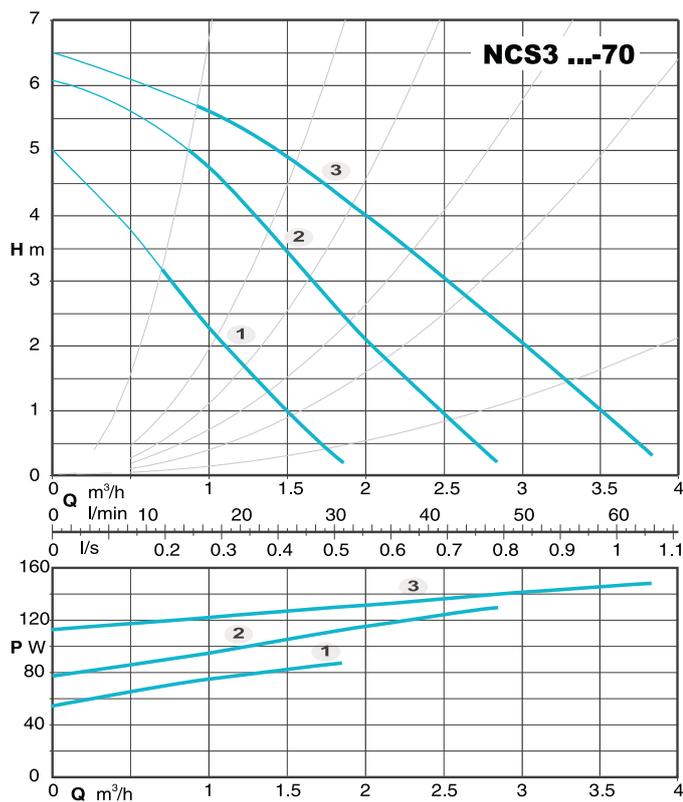
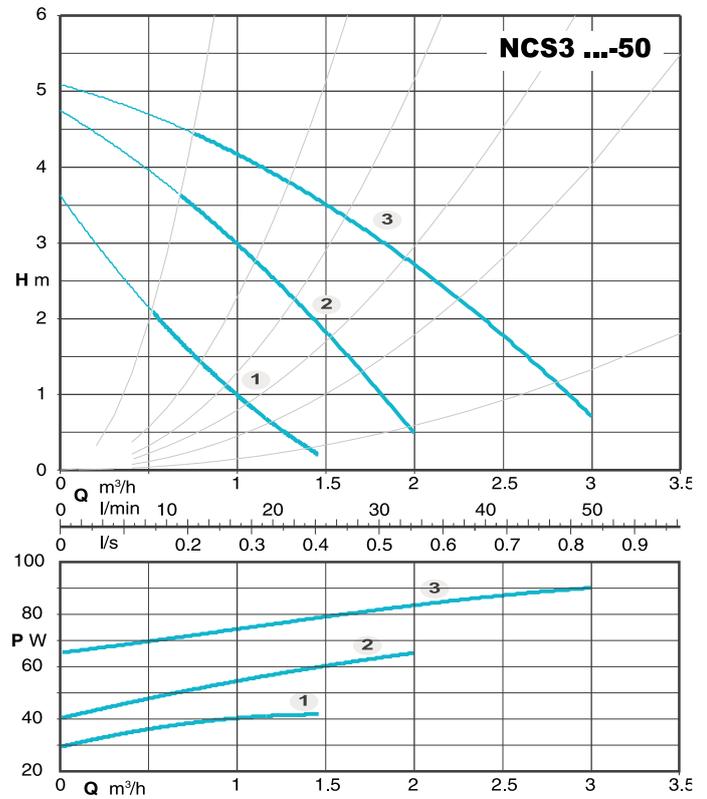
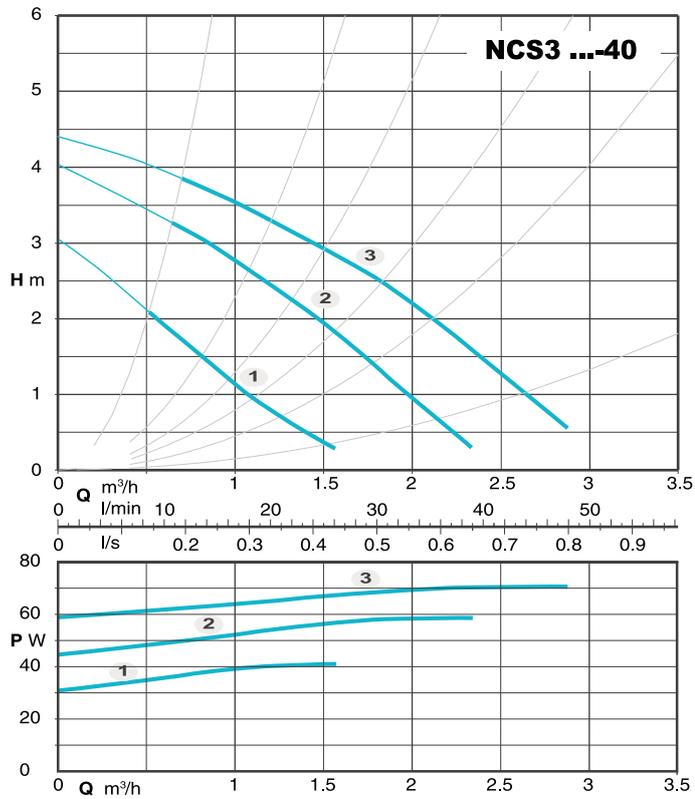
2極感應馬達，60Hz
3段可調整速度
NCS3：單相220V
絕緣等級：H
保護等級：IP44

型號說明

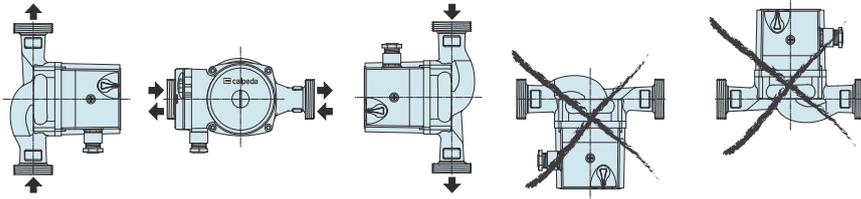
NC3 32 - 70 / 180

型號 _____
DN口 單位：mm _____
最大揚程 單位：dm _____
接口尺寸 單位：mm _____

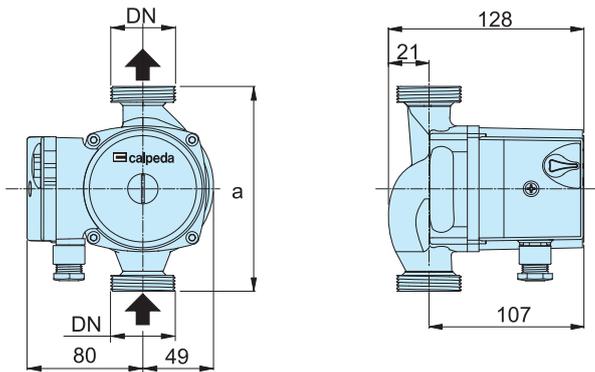
Characteristic curves - 性能曲線



Examples of installations - 安裝說明



Dimensions and weights - 尺寸及重量

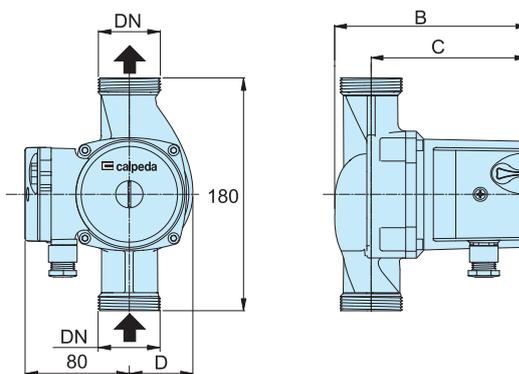
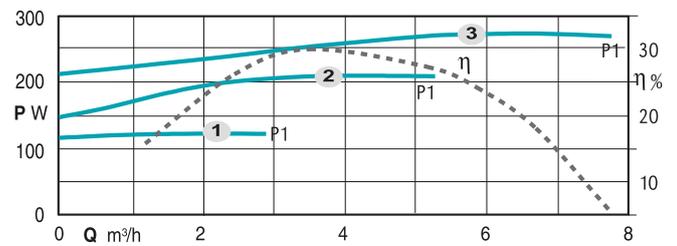
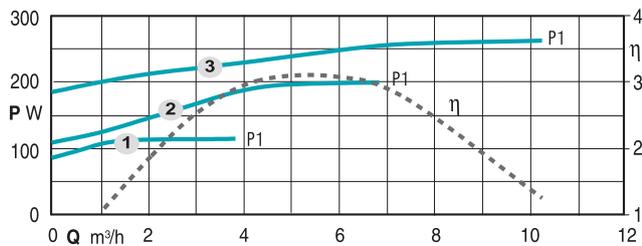
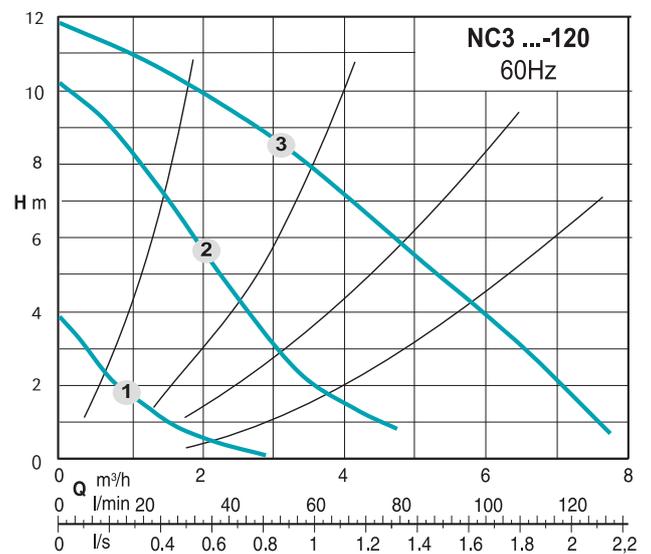
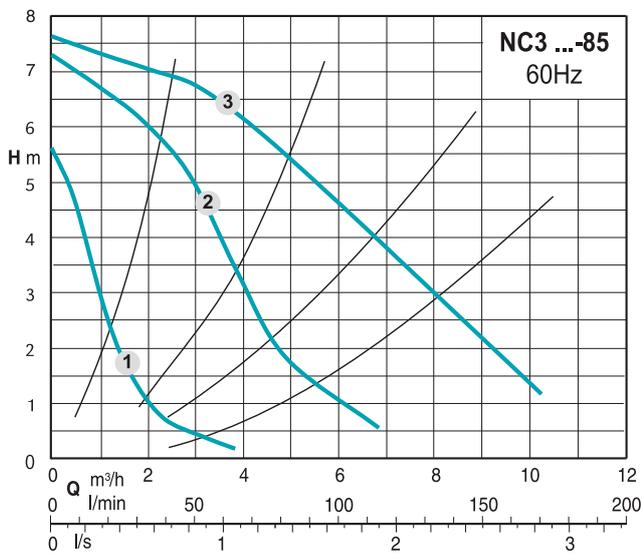


TYPE TIPO	DN	Pos.	P1 (W)	1x 230 V [A]	a mm	[kg]
NCS3 20-40/130	G 1 1/4	3	70	0,30	130	2,3
NCS3 25-40/130	G 1 1/2	1	59	0,26		
NCS3 20-50/130	G 1 1/4	3	91	0,38	130	2,5
NCS3 25-50/130	G 1 1/2	1	65	0,28		
NCS3 20-70/130	G 1 1/4	3	148	0,66	130	3,8
NCS3 25-70/130	G 1 1/2	1	128	0,59		
		1	87	0,41		

Unions (on request)
Uniones (bajo demanda)

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

Characteristic curves - 性能總表



TYPE 型號	DN	Pos.	P1 (W)	1x 230 V [A]	[mm]			
					B	C	D	[kg]
NC3 32-85/180-60	G 2	3	277	1,2	185	143	58	4,9
		2	250	1,16				
		1	172	0,85				
NC3 32-120/180-60	G 2	3	265	1,15	208	174	68	5,2
		2	251	1,14				
		1	176	0,85				