Data booklet

COMFORT

Circulator pumps for hot-water recirculation

115/230 V, 50/60 Hz



GRUNDFOS

2. Product numbers

COMFORT international, DACH, GB, CN, 1×230 V, 50/60 Hz

Sales region	Pump type	Product number	Port-to-port length	Connection	Supplied with			
					Plug with cable	COMFORT plug	Shut-off valve Non-return valve	Vent screw
International	COMFORT 15-14 B	97916771	80 mm	Rp 1/2	•			
	COMFORT 15-14 B T	93093854			•			
	COMFORT 15-14 B TDT	93093537			•			
	COMFORT 15-14 B TA	97916757			•			
	COMFORT 15-14 BX	97916772	140 mm	G 1	•		•	
	COMFORT 15-14 BX T	93094846			•		•	
	COMFORT 15-14 BX TDT	93093665			•		•	
	COMFORT 15-14 BX TA	97916749			•		•	
	COMFORT 15-14 M	93095662			•			
	COMFORT 15-14 XL BW [1]	93513618			•			•
Germany Austria Switzerland (DACH)	COMFORT 15-14 B DACH	97989265	80 mm	Rp 1/2	•			
	COMFORT 15-14 B T DACH	93094997			•			
	COMFORT 15-14 B TU DACH	93093850			•			
	COMFORT 15-14 B TA DACH	99302331			•			
	COMFORT 15-14 BX DACH	97989266	140 mm	G 1	•		•	
	COMFORT 15-14 BX T DACH	93095533			•		•	
	COMFORT 15-14 BX TU DACH	93094391			•		•	
	COMFORT 15-14 BX TA DACH	99302332			•		•	
	COMFORT 15-14 M DACH	99327264			•			
	COMFORT 15-14 XL BW DACH [1]	93515964			•			•
Great Britain (GB)	COMFORT 15-14 B GB	99164484	80 mm	Rp 1/2		•		
	COMFORT 15-14 B T GB	93095535				•		
	COMFORT 15-14 B TDT GB	93093802				•		
	COMFORT 15-14 B TA GB	99164487				•		
	COMFORT 15-14 BX GB	99164486	140 mm	G 1		•	•	
	COMFORT 15-14 BX T GB	93095538				•	•	
	COMFORT 15-14 BX TDT GB	93094694				•	•	
	COMFORT 15-14 BX TA GB	99164488				•	•	
China (CN)	COMFORT 15-14 B CN	98485504	80 mm	Rp 1/2	•			
	COMFORT 15-14 B T CN	93095635			•			
	COMFORT 15-14 B TDT CN	93094769			•			
	COMFORT 15-14 B TA CN	98485557			•			

1) Lead-free pump housing.

5. Operating conditions

Technical data

Supply voltage	International models:	1 × 230 V, 50/60 Hz
	North American models:	1 × 115/230 V, 50/60 Hz
Max. power consumption	COMFORT 15-14	7 W
	COMFORT 15-14 XL	12 W
	COMFORT 10-16	6 W
Max. current	COMFORT 15-14	0.07 A
	COMFORT 15-14 XL	0.11 A
	COMFORT 10-16	0.1 A
Motor protection	The pump requires no external motor protection.	
Insulation class	F	
Appliance class	Double insulated	
Overvoltage category	II	
Enclosure class	International: IP44 North America: Type 2	
Ambient temperature	0-40 °C (32-104 °F)[4]	
Max. liquid temperature	International: 95 °C (TF 95) North America: 180 °F (82 °C)	
Max. outlet pressure	PN10 (10 bar [145 psi])	
Min. inlet pressure	0.75 psi (0.05 bar) [5]	
Sound pressure level	< 25 dB(A)	
Pump housing	COMFORT 15-14: Brass CuZn39Pb3 COMFORT 15-14 XL: CuZn42[6] COMFORT 10-16: ASTM C28500[6]	
Pollution degree	2	

4) The ambient temperature must always be lower than the liquid temperature to minimize condensation in the stator housing, and not exceed 40 °C (104 °F).

5) A minimal inlet pressure is required at the pump inlet port to prevent cavitation noise and damage to the pump bearing.

6) The lead content of the pump housing is below 0.2 %.

Installation requirement

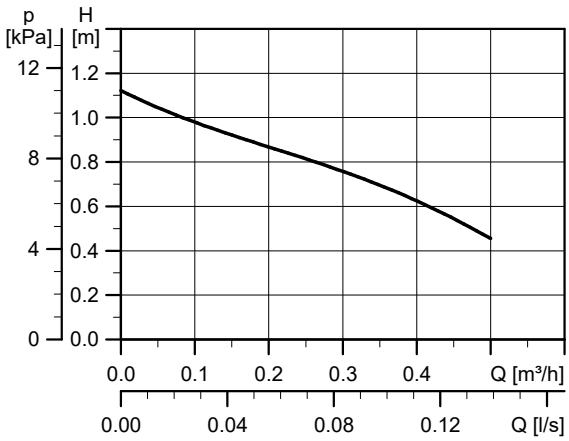
Indoor installation only. It must be in a non-aggressive and non-explosive atmosphere.

Relative humidity: Maximum 95 %.

Maximum installation altitude: 2000 m (6500 ft).

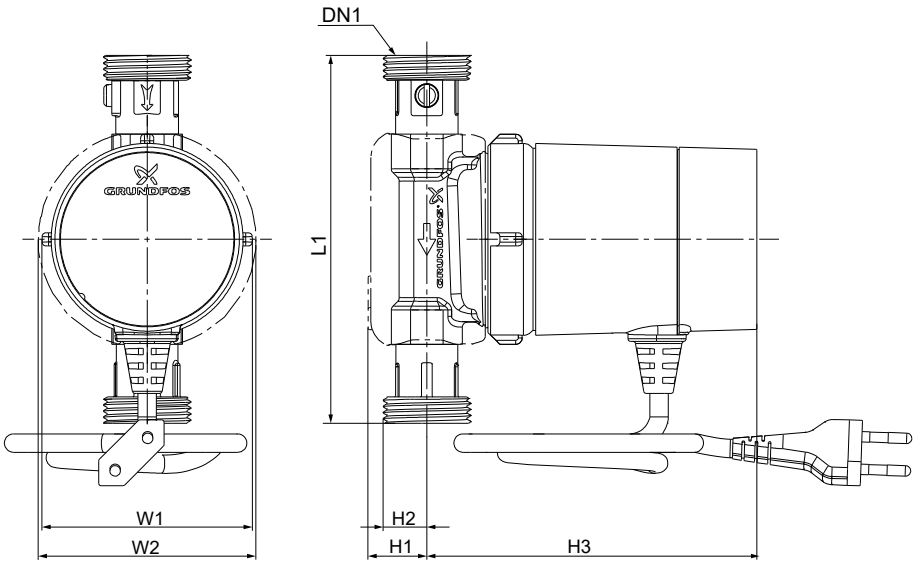
COMFORT 15-14 BX TDT (international), 15-14 BX TU (DACH)





TM068415

Dimensions



TM087166

Pump type	Dimensions[mm]							Weights[kg]		Shipping volume [m³]
	L1	H1	H2	H3	W1	W2	DN1	Net	Gross	
COMFORT 15-14 BX TDT	140	25	21	124	79.5	84	G 1"	1.14	1.24	0.0026
COMFORT 15-14 BX TU DACH										

Related information

Technical data

Union sets and valves for COMFORT international variants