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1	UPS 43-44 BFC
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Note! Product picture may differ from actual product

Product No.: [52722520](#)

Grundfos UPS B circulator pumps have a bronze pump housing for drinking water applications while Grundfos UP N have a stainless-steel pump housing. Both variants are recommended for underfloor heating systems as the pumped liquid may often become aerated, causing corrosion in cast iron pump housings.

The pump is of the canned rotor type, i.e. pump and motor form an integral unit without shaft seal and with only two gaskets for sealing. The bearings are lubricated by the pumped liquid. The pump is characterized by:

- Ceramic shaft and radial bearings.  
Carbon axial bearing.  
Stainless steel rotor can and bearing plate.

Description	Value
<b>General information:</b>	
Product name:	UPS 43-44 BFC
Product No:	52722520
EAN number:	5700834891052
<b>Technical:</b>	
Speed no:	3
Max flow:	63 US GPM
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Head max:	14.11 ft
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Approvals on nameplate:	UL, CSA
Valve:	pump with built-in isolating and non-return valves
<b>Materials:</b>	
Pump housing:	Bronze
Pump housing:	DIN W.-Nr. 2.1176.01
Impeller:	Composite, PES
<b>Installation:</b>	
t max amb:	104 °F
Amb. max at 80 dgr C liquid:	176 °F
Maximum operating pressure:	145.04 psi
Flange standard:	USA Oval
Type of connection:	Brz. Flange
Pipe connection:	2 - Bolt Flange
Pressure rating:	PN 10
Port-to-port length:	8 1/2 in
<b>Liquid:</b>	
Pumped liquid:	Water
Liquid temperature range:	35.6 .. 230 °F
Selected liquid temperature:	140 °F
Density:	61.35 lb/ft <sup>3</sup>
<b>Electrical data:</b>	
Power input in speed 1:	0.2105 HP
Power input in speed 2:	189 W
Max. power input:	203 W
Mains frequency:	60 Hz
Rated voltage:	1 x 115 V
Current in speed 1:	1.4 A
Current in speed 2:	1.7 A
Current in speed 3:	1.8 A
Capacitor size - run:	20 µF/180 V
Number of poles:	2
Insulation class (IEC 85):	F
Built-in motor protection:	CONTACT
Thermal protec:	internal
<b>Controls:</b>	
Pos term box:	9H
<b>Others:</b>	
Gross weight:	13.5 lb
Country of origin:	US
Custom tariff no.:	8413.70.2005

