

CORE Flexible Bellow PN16 United WRAS Data Sheet



Material:

Body:	EPDM
Reinforcing Fabric:	Nylon
Reinforcing Ring:	Carbon Steel
Retaining Ring:	Carbon Steel
Flange:	PN16 Carbon Steel

Size (mm)	Installed Length	Material Type	Temperature Limits °C	Part Number
32	130	Nylon Reinforced EPDM	-20 to 100	FB16032W
40	130	Nylon Reinforced EPDM	-20 to 100	FB16040W
50	130	Nylon Reinforced EPDM	-20 to 100	FB16050W
65	130	Nylon Reinforced EPDM	-20 to 100	FB16065W
80	130	Nylon Reinforced EPDM	-20 to 100	FB16080W
100	130	Nylon Reinforced EPDM	-20 to 100	FB16100W
125	130	Nylon Reinforced EPDM	-20 to 100	FB16125W
150	130	Nylon Reinforced EPDM	-20 to 100	FB16150W

Working Pressure (Bar)	Temperature °C
16	65
15	80
12	85
11	90
9	95
6	100

Specifications:

Max Pressure:	16 Bar
Max Temperature:	100°C
Test:	1.5x Working

CORE Flexible Bellows should not be used at both their maximum working temperature and pressure simultaneously, please refer to the table below.

CORE Flexible Bellow PN16 United WRAS units are installed to absorb vibration and noise levels caused by "Plant" upon which they are fitted. These are suitable for use on systems carrying chilled & heating water. Please see above for temperature & pressure limits.

CORE Flexible Bellow PN16 United WRAS units are suitable for use on potable water, water with oil additives, compressed air and food applications.

CORE Flexible Bellow PN16 United WRAS units should not be installed on pumps located on inertia bases as these should be tied.

CORE Flexible Bellow PN16 United WRAS units have up to 10 year design life* and are warranted for a period of 12 months** from supply.

Please note no torsion forces should be applied to these units.

WRAS Approval applies up to operating temperature of 65°C.

*Design life is guidance only. This guidance assumes the unit will not be working at the extremes of its working capacity. This in no way implies a warranty or a guarantee.

**12 Months warranty is against manufacturing defect only and is limited to the supply only of a replacement product of the same type.

Disclaimer: The information within this document is believed to be correct at the time of publication; however, the document is for guidance only. For complete accuracy, always check the product with a representative. Missing information was either not available or disclosed. It is your responsibility to ensure that any product meets the necessary requirements. Any reliance placed upon this information will be totally at the user's risk.