

Accessories

Protection Bellow F

Bellow cover for protection against external influences. Suitable for horizontal or vertical installation.

Material: PVC-coated polyester, stitched construction. Temperature range -30 °C to 70 °C.

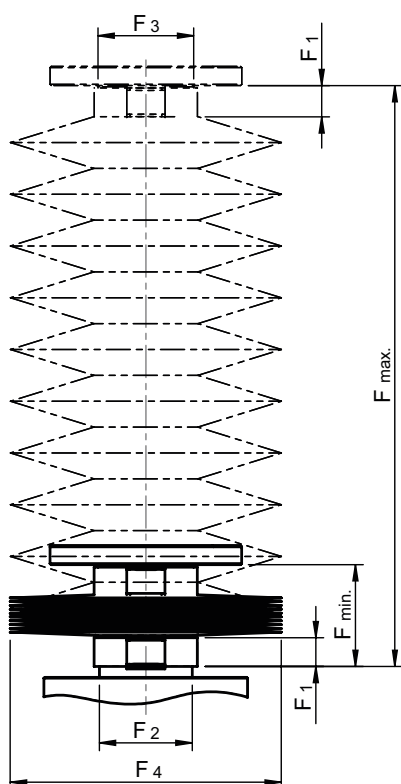
Calculation: For each 150 mm of open length up to 1800 mm allow 8 mm when calculating the closed length. Allow 10 mm for each 150 mm over 1800 mm. The calculated length is added to value C3 (see page 34-35) as the screw extension. Diameter F2 may differ on the opposite side, depending on the attachment fitted.

Installation: Installation position must be specified: horizontal installation requires internal support washers; in the case of vertical installation, bellows over 2000 mm have textile strips. Attachment is by hose clamps.

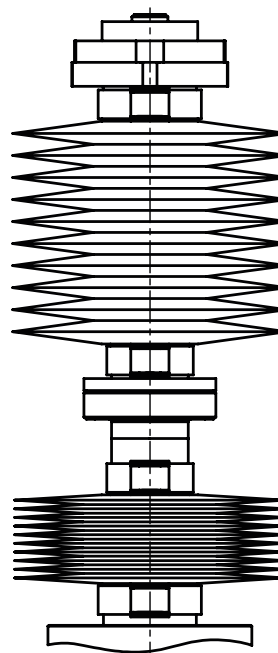
Note: Version R (rotating screw) includes one bellow. Second bellow with attachment adapter can be supplied when specifying the collar diameter and installation details. The mounting of the second bellow at the end of the screw is carried out by the customer.

Please always specify the flange direction of the nut.

N/V-Version



R-Version



Accessories

Dimensions [mm]					
Size		F ₁	F ₂	F ₃	F ₄
F MULIO	N/V TGS ¹⁾	12	26	30	101
	N/V KGS ¹⁾	12	36	30	101
	R TGS ¹⁾	12	26	28	101
	R KGS ¹⁾	12	26	24	101
F MULI 1	N/V TGS ¹⁾	12	30	30	101
	N/V KGS ¹⁾	12	48	30	101
	R	12	30	28	101
F MULI 2	N/V TGS ¹⁾	12	39	39	113
	N/V KGS ¹⁾	12	61	39	113
	R	12	39	32	113
F MULI 3	N/V	20	46	46	127
	R	20	46	38	127
F MULI 4	N/V	20	60	60	140
	R TGS ¹⁾ /KGS ¹⁾ -4010	20	60	63	140
	R KGS ¹⁾ -4005	20	60	53	140
F MULI 5	N/V	20	85	85	152
	R	20	85	72	152
F JUMBO 1	N/V	20	90	90	165
	R	20	90	85	165
F JUMBO 2	N/V	20	105	105	175
	R	20	105	95	175
F JUMBO 3	N/V	20	120	120	191
	R	20	120	105	191
F JUMBO 4	N/V	20	145	145	201
	R	20	145	130	201
F JUMBO 5	N/V	20	170	170	245
	R	20	170	160	245

¹⁾ TGS = Trapezoidal screw
KGS = Ball screw

up to 1800 mm stroke:

$$F_{\min} = 2 \times F_1 + \text{Rounding} (\text{stroke} / 150) \times 8 [\text{mm}]$$

more than 1800 mm stroke:

$$F_{\min} = 2 \times F_1 + \text{Rounding} (\text{stroke} / 150) \times 10 [\text{mm}]$$

$$F_{\max} = F_{\min} + \text{stroke}$$