

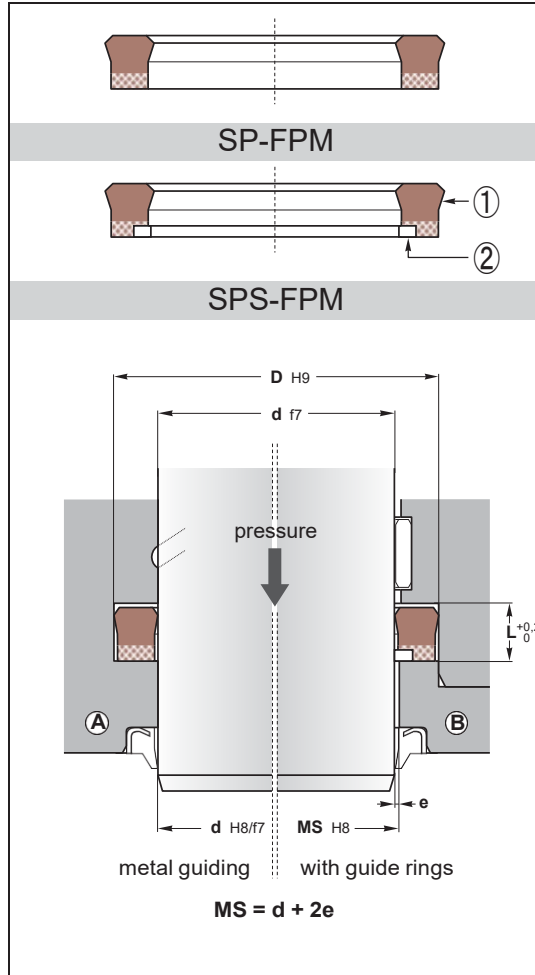
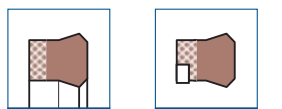


SP-FPM



SPS-FPM

Compact rod seals



SP-FPM rod seals are made up of FPM material impregnated on cotton fabric which is initially prepared and moulded with FPM material.

SP-FPM rod seals with inner dimension smaller than 20 mm are recommended to be mounted in open grooves.

Operating conditions

Pressure	
SP-FPM	≤ 25 MPa
SPS-FPM	≤ 40 MPa
Temperature	
SP-FPM-C	-20°C to 150°C
SP-FPM-A	-20°C to 200°C
SPS-FPM	-20°C to 150°C
SPS-FPM-A	-20°C to 200°C
Speed	≤ 0,5 m/s

Materials

Seal ①	
SP-FPM / SPS-FPM	FPM with cotton fabric
SPS-FPM-A	FPM with aramid fabric
Anti-extrusion ring ②	
SP-FPM / SPS-FPM	PTFE with glass (PT15)
SPS-FPM-A	PTFE with glass (PT15)

Assembly

- In closed grooves (A)
- In open grooves (B)

Advantages

- Efficient sealing at low pressure
- Easy to fit
- Good chemical resistance
- Wide temperature range
- The integrated anti-extrusion ring prevents the seal material from extrusion at higher pressure

Please contact us for applications approaching maximum values.

Pressure (MPa)	e (mm)	
	SP-FPM	SPS-FPM
16	≤ 0,2	≤ 0,4
25	≤ 0,1	≤ 0,2
40		≤ 0,1

d	D	L	Reference
16	24	6,4	SP-094063-1-FPM
18	26	6,4	SP-102070-1-FPM
20	28	6,4	SP-110078-1-FPM
22	30	6,4	SP-118086-1-FPM
25	33	6,4	SP-129098-1-FPM
	35	9	SP-137098-FPM
28	36	6,4	SP-141110-FPM
30	38	6,4	SP-149118-FPM
	40	7,5	SP-157118-FPM
32	40	6,4	SP-157125-1-FPM
35	43	6,4	SP-169137-FPM
36	44	6,4	SP-173141-FPM
40	48	6,4	SP-188157-FPM
	50	11	SP-196157-FPM
45	55	8	SP-216177-FPM
50	60	8	SP-236196-FPM
	60	10	SP-236196-1-FPM
55	65	8	SP-255216-1-FPM
60	70	8	SP-275236-FPM
	72	10	SP-283236-FPM
	75	13	SPS-295236-FPM
	80	14,5	SPS-314236-FPM
70	82	9,6	SP-322275-1-FPM
	85	12,5	SPS-334275-FPM
80	92	9,6	SP-362314-FPM
	95	12,5	SPS-374314-1-FPM
90	102	9,6	SP-401354-FPM
	105	12,5	SPS-413354-1-FPM
100	115	12,5	SPS-452393-FPM
	120	16	SPS-472393-2-FPM-A
125	145	16	SPS-570492-FPM