



**KDM-FPM** is made of a support ring, one V-shaped sealing element and a pressure energising spreader ring. The base ring manufactured in cotton fabric reinforced rubber for a good anti-extrusion resistance guides and supports the V-ring for effective performance.

The fabric reinforced FPM V-ring is the main sealing element being sensitive to pressure variations assuring good sealing performances in all conditions.

The energiser ring ensures uniform **pressure distribution** on the other rings. This element is produced in fabric reinforced FPM.

**Operating conditions**

Pressure	≤ 40 MPa
Temperature	-10°C to 150°C
Speed	≤ 0,5 m/s

**Materials**

V-Ring ①	FPM8471-C
Spreader ring ②	FPM8471-C
Base ring ③	FPM8471-C

**Assembly**

On multi-piece pistons

**Advantages**

- High operating temperature capability
- Exceptional resistance to wear
- For difficult operating conditions

**Please contact us for applications approaching maximum values.**

D	d	L	Reference
40	25	11,5	KDM-040-FPM
50	35	11,5	KDM-050-FPM
63	48	13	KDM-063-FPM
80	60	15,2	KDM-080-FPM
100	80	21,2	KDM-100-FPM
125	100	25,8	KDM-125-FPM
140	115	25,8	KDM-140-FPM
160	130	29	KDM-160-FPM
180	150	31,5	KDM-180-FPM
200	170	33,5	KDM-200-FPM
220	190	33,5	KDM-220-FPM
250	220	33,5	KDM-250-FPM
300	270	33,5	KDM-300-FPM