



Fluid Connector Seal



Profil Sealing Rings: DIN 3869
Guarnizioni in Gomma: DIN 3869
Profildichtringe: DIN 3869

Person Responsible:
Sergio Parzani

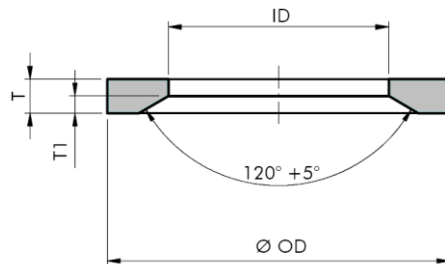
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This elastomer seal is used as an axial static seal for threaded ports and stud ends in hydraulic fluid power applications in accordance with DIN 3869, ISO 11926, ISO 9974 and ISO 1179.

The cross-section remains practically constant even under high pressure.

The groove dimensions are in accordance with DIN 3852 part 11.



Advantages:

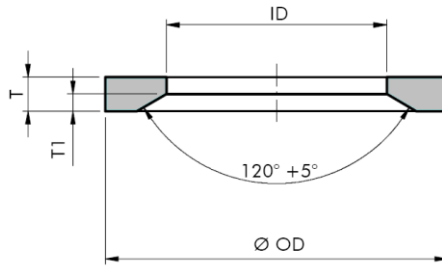
- Minimal mechanical deformation of the cross-section
- Outstanding sealing behaviour over long periods
- No twisting in the groove
- No relative movements during pressure cycles
- Dimensionally stable under pressure
- High leak tightness compared to metal / metal sealing

Application examples in hydraulic components such as:

- Injection molding machines
- Machine tools
- Presses
- Excavators
- Agricultural machines
- Valves for hydraulic circuits

Our Profile Sealing Rings could be marked with following test "DIN 3869-XX FKM [B*13]" where :

- XX takes the value as defined from DIN 3869 norm (column Nenngrosse)
- [B*13] identifies BER-PA



SIZE [ØID X ØOD X T X T1]	COMPOUND	THREAD
6.5 X 9.9 X 1.0 X 0.5	NBR Nero / Black 85 ±5	M 8X1
6.5 X 9.9 X 1.0 X 0.5	FKM Verde / Green 80 ±5	M 8X1
8.4 X 11.9 X 1.0 X 0.5	NBR Nero / Black 85 ±5	M 10X1 - G 1/8 A
8.4 X 11.9 X 1.0 X 0.5	FKM Verde / Green 80 ±5	M 10X1 - G 1/8 A
9.8 X 14.4 X 1.5 X 0.8	NBR Nero / Black 85 ±5	M 12X1.5
9.8 X 14.4 X 1.5 X 0.8	FKM Verde / Green 80 ±5	M 12X1.5
11.6 X 16.5 X 1.5 X 0.8	NBR Nero / Black 85 ±5	M 14X1.5 - G 1/4 A
11.6 X 16.5 X 1.5 X 0.8	FKM Verde / Green 80 ±5	M 14X1.5 - G 1/4 A
13.8 X 18.9 X 1.5 X 0.8	NBR Nero / Black 85 ±5	M 16X1.5
13.8 X 18.9 X 1.5 X 0.8	FKM Verde / Green 80 ±5	M 16X1.5
14.7 X 18.9 X 1.5 X 0.8	NBR Nero / Black 85 ±5	G 3/8 A
14.7 X 18.9 X 1.5 X 0.8	FKM Verde / Green 80 ±5	G 3/8 A
15.7 X 20.9 X 1.5 X 0.8	NBR Nero / Black 85 ±5	M 18X1.5
15.7 X 20.9 X 1.5 X 0.8	FKM Verde / Green 80 ±5	M 18X1.5
17.8 X 22.9 X 1.5 X 0.8	NBR Nero / Black 85 ±5	M 20X1.5
17.8 X 22.9 X 1.5 X 0.8	FKM Verde / Green 80 ±5	M 20X1.5
18.5 X 23.9 X 1.5 X 0.8	NBR Nero / Black 85 ±5	G 1/2 A
18.5 X 23.9 X 1.5 X 0.8	FKM Verde / Green 80 ±5	G 1/2 A
19.6 X 24.3 X 1.5 X 0.8	NBR Nero / Black 85 ±5	M 22X1.5
19.6 X 24.3 X 1.5 X 0.8	FKM Verde / Green 80 ±5	M 22X1.5
23.9 X 29.2 X 1.5 X 0.8	NBR Nero / Black 85 ±5	M 27X2 - G 3/4 A
23.9 X 29.2 X 1.5 X 0.8	FKM Verde / Green 80 ±5	M 27X2 - G 3/4 A
29.7 X 35.7 X 2.0 X 1.0	NBR Nero / Black 85 ±5	M 33X2 - G 1 A
29.7 X 35.7 X 2.0 X 1.0	FKM Verde / Green 80 ±5	M 33X2 - G 1 A
38.8 X 45.8 X 2.0 X 1.0	NBR Nero / Black 85 ±5	M 42X2 - G1 1/4 A
38.8 X 45.8 X 2.0 X 1.0	FKM Verde / Green 80 ±5	M 42X2 - G1 1/4 A
44.7 X 50.7 X 2.0 X 1.0	NBR Nero / Black 85 ±5	M 48X2 - G1 1/2 A
44.7 X 50.7 X 2.0 X 1.0	FKM Verde / Green 80 ±5	M 48X2 - G1 1/2 A

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