

Seal Kits

Complete seal kits consisting of:

- 2 piston seals.
- 2 cushioning seals.
- 1 wiper / piston rod seal.
- 2 O-Rings.

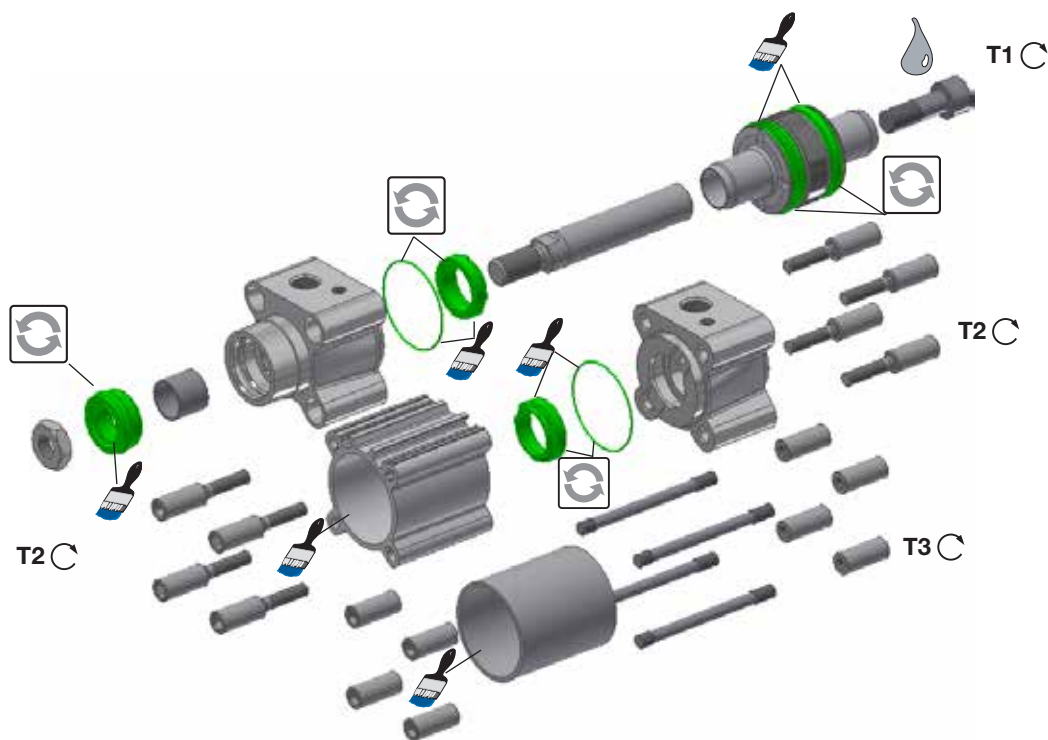
Greases

	Standard and low temperature	30 g	9127394541
	High temperature	30 g	9127394521

Cyl.-bore [mm]	Standard temperature ¹⁾	High temperature ¹⁾	Low temperature ¹⁾	Metallic scraper ^{1) 2)}	FKM Wiper seal ¹⁾	With dyn. rod lock ¹⁾	With static rod lock ¹⁾	Polon/ UHMW-PE
Ø32	P1F-6032RN	P1F-6032RF	P1F-6032RL	P1F-6032RQ	P1F-6032RV	P1F-6032RNL	P1F-6032RNH	P1F-6032RD
Ø40	P1F-6040RN	P1F-6040RF	P1F-6040RL	P1F-6040RQ	P1F-6040RV	P1F-6040RNL	P1F-6040RNH	P1F-6040RD
Ø50	P1F-6050RN	P1F-6050RF	P1F-6050RL	P1F-6050RQ	P1F-6050RV	P1F-6050RNL	P1F-6050RNH	P1F-6050RD
Ø63	P1F-6063RN	P1F-6063RF	P1F-6063RL	P1F-6063RQ	P1F-6063RV	P1F-6063RNL	P1F-6063RNH	P1F-6050RD
Ø80	P1F-6080RN	P1F-6080RF	P1F-6080RL	P1F-6080RQ	P1F-6080RV	P1F-6080RNL	P1F-6080RNH	P1F-6080RD
Ø100	P1F-6100RN	P1F-6100RF	P1F-6100RL	P1F-6100RQ	P1F-6100RV	P1F-6100RNL	P1F-6100RNH	P1F-6100RD
Ø125	P1F-6125RN	P1F-6125RF	P1F-6125RL	P1F-6125RQ	P1F-6125RV	P1F-6125RNL	P1F-6125RNH	P1F-6125RD

¹⁾ for through piston rod, add K at the end, ie P1F-6032RNK

²⁾ -30 to +80°C



Cyl.-bore [mm]	AF [mm]	Plastic piston T1 [Nm] C	Alu Piston T1 [Nm] C	AF [mm]	T2 [Nm] C	AF [mm]	T3 [Nm] C
Ø32	6	4.5	15	6	11	6	4.5
Ø40	8	11	30	8	11	6	4.5
Ø50	10	20	40	10	18	8	9.5
Ø63	10	20	40	10	18	8	9.5
Ø80	14	40	120	14	29	6	19
Ø100	14	120	120	14	29	6	19
Ø125	14	120	120	14	70	8	40



= Included in seal kit



= Socket head across flats



= Tightening torque



Lubricated with grease



Locking fluid
Loctite 270 or Loctite
2701 locking fluid must
be used

Seal Kits

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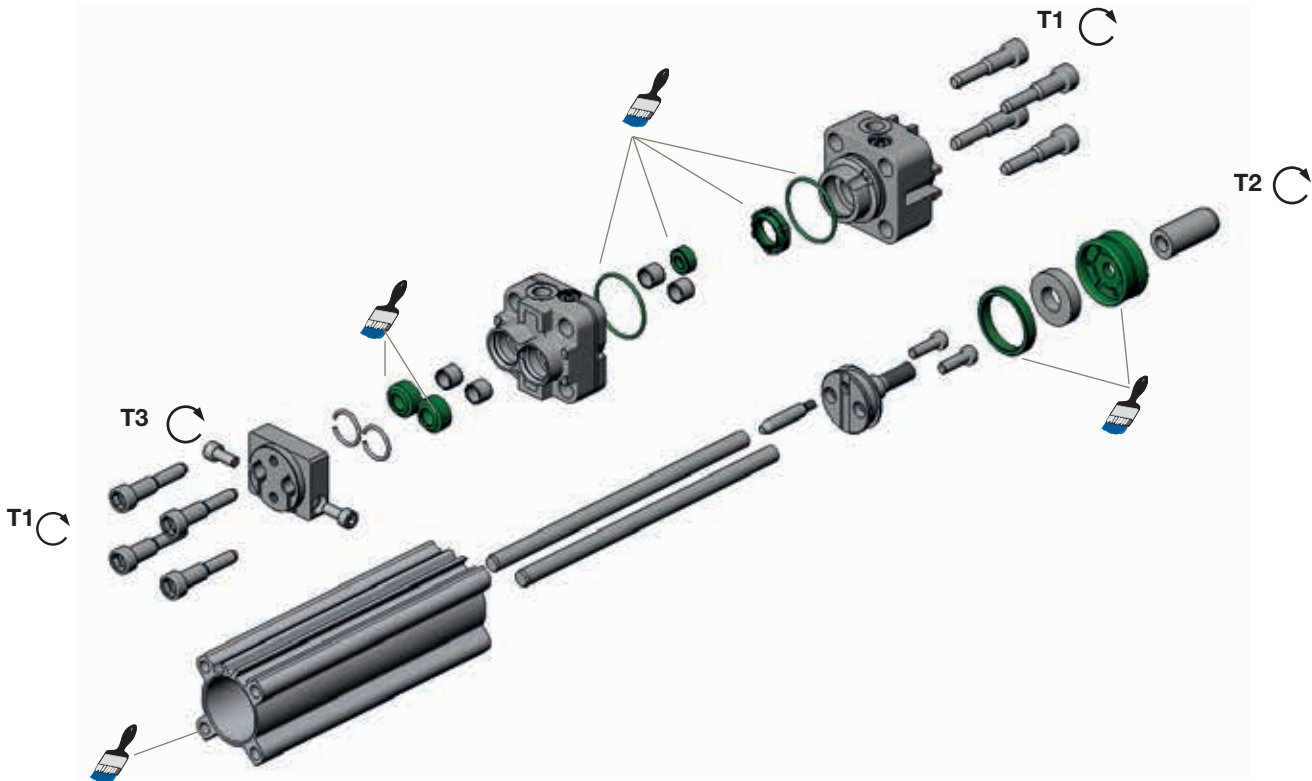
- 1 piston seal.
- 2 cushioning seals.
- 2 wiper / piston rod seals.
- 2 O-Rings.
- 1 piston bearing ring.

Cyl.-bore [mm]	Standard temperature ¹⁾	High temperature ¹⁾
Ø32	P1F-6032RNR	P1F-6032RFR
Ø40	P1F-6040RNR	P1F-6040RFR
Ø50	P1F-6050RNR	P1F-6050RFR
Ø63	P1F-6063RNR	P1F-6063RFR
Ø80	P1F-6080RNR	P1F-6080RFR
Ø100	P1F-6100RNR	P1F-6100RFR

¹⁾ for through piston Twin Rods, add K at the end, ie P1F-6032RNRK

Grease

	Standard temperature High temperature 4 g KL8220
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Cyl.-bore [mm]	Piston T1 [Nm]	AF C [mm]	T2 [Nm]	AF C [mm]	T3 [Nm]	AF C [mm]
Ø32	10 - 12	8	5-6	5	5.5 ± 0.8	4
Ø40	10 - 12	8	12-14	6	5.5 ± 0.8	4
Ø50	16 - 20	10	16-18	10	10 ± 1.5	5
Ø63	16 - 20	10	16-18	10	20 ± 3	6
Ø80	26 - 32	12	20-23	12	20 ± 3	6
Ø100	26 - 32	12	20-23	12	20 ± 3	6



= Included in seal kit



= Socket head
across flats



= Tightening torque



Lubricated with grease



Locking fluid
Loctite 638 locking fluid
must be used