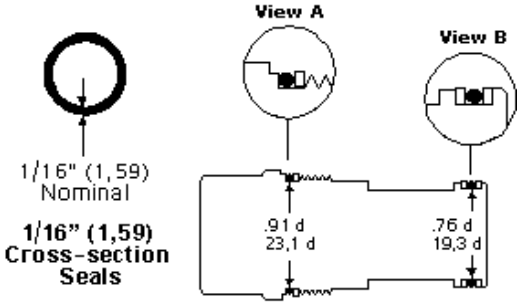
MODEL
990203007

Series 2 - T-3A cavity and T-5A cavity, buna-N cartridge seal kit
SERIES 2 / CAVITY: T-3A & T-5A

sunhydraulics.com/model/990203007



Sun offers replacement seal kits for all cartridge models. These kits include all of the external seals on the cartridge along with installation instructions. Seal kits are available in Buna-N and Viton for all models, along with EPDM and polyurethane for many models. Please note: Converting the external seals from one material to another does not ensure fluid compatibility with that material due to the existence of internal seals within the cartridge.

CARTRIDGE INSTALLATION DATA

Series	2
Cartridge Thread	1"-14 UNS
Valve Hex Size	28,6 mm
Valve Installation Torque	61 - 68 Nm
Cavity	T-3A & T-5A
Model Weight	0.00 kg.

NOTES

- Install back-up rings and O-rings as shown in views.
- See installation variations for models associated with alternative installation views.
- When installing continuous back-up rings, use the same technique and the same care used to install O-rings.
- When installing cartridge - be sure to torque to recommended value.
- During 1985, SUN made a running change of all external seals on Series 2 cartridges (1-1/8 in. (28,6 mm) hex, 1-14 thd). The seals were changed from 3/32 in. (2,62 mm) c/s to 1/16 in (1,7/8 mm) c/s o-rings and backup rings.
- Use the kit which contains the same size (c/s) seals as those used on the cartridge being repaired. Do not change cartridge o-ring c/s sizes.

INCLUDED COMPONENTS

Part	Description	Quantity	View
500-001-018	O-Ring	1	B
500-002-020	O-Ring	1	A
515-002-018	Backup Ring	2	B
515-002-020	Backup Ring	1	A

USED WITH

CNEC	CNFC	CXED	CXFA	CXFHZ	DFDA	DFDA8	DFDB	DFDB8	FCDB
FDCB	FLFA	FPFK	FQEA	FXDA	FXDA8	NCEB	NCEC	NFDC	NFDD
NQEB	RBAA	RBAB	RGFA	RPGC	RPGC8	RPGD	RPGE	RQGB	SCEB
XCCA	XCOA								

TECHNICAL FEATURES

- The shelf life for this cartridge seal kit is ten years from date of purchase. This date will be printed on the kit packaging.
- The Series 2, two port cavity comes in two versions: the T-3A and the T-5A. The T-3A cavity is typically used in relief applications which require larger port areas, hence a deeper cavity. The T-5A cavity is typically used in flow control applications and utilizes a smaller port area. Since both cavities are Series 2, two port, they share common seal kits, but exclude the possibility of cartridge interchangeability between the two functions.

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