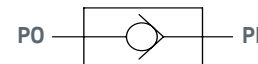


10,000 psi Supply
PR2 PSL3



Part Number Shown #25146-40

Available Configurations:
Various tube stub pressure ratings and sizes to meet customer needs.

FUNCTIONAL DESIGN SPECIFICATION

Maximum Allowable Working Pressure	10,000 PSI
Cracking Pressure	60 PSI +/- 10% (54-66 PSI)
Flow Coefficient (Cv)	2
Hydrostatic Proof Pressure	15,000 PSI
Operating Temperature Range	0 °F to 250 °F
Mounting Restrictions	None
US Patent	7,225,831
Maximum Operating Depth	15,000 ft

BILL OF MATERIALS

Item Number*	Description	Material
1	BODY, SEAT, 1/2" POPPET, Ø.630 X Ø.500 BUTT WELD, PSL3	25 Cr Duplex SS
2	SEAL RING, 1/2" POPPET CHECK VALVE, PSL3	B446 NO6625 (INCONEL 625)
3	POPPET, 1/2" POPPET CHECK VALVE, PSL3	UNS R30016 (STELLITE 6B)

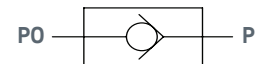
BILL OF MATERIALS (CONT.)

Item Number*	Description	Material
4	COMPRESSION SPRING, PSL3	UNS R30003 (ELGILOY SPRING WIRE)
5	BODY, RETAINER, 1/2" POPPET, Ø.630 X Ø.500 BUTT WELD, PSL3	25 Cr Duplex SS
6	PIN, SPRING, .125 OD X .500 LG, 316 SS	316 SS

Part Numbers	Description
25146-40A	VALVE, CHECK, 10K, 1/2" POPPET, 0.602 x 0.500 BUTT WELD, PINNED, PSL3, PR2
25146-41A	VALVE, CHECK, 10K, 1/2" POPPET, 0.750 x 0.438 BUTT WELD, PINNED, PSL3, PR2
25146-42A	VALVE, CHECK, 10K, 1/2" POPPET, 0.630 x 0.500 BUTT WELD, PINNED, PSL3, PR2
25146-43A	VALVE, CHECK, 10K, 1/2" POPPET, 0.672 x 0.500 BUTT WELD, PINNED, PSL3, PR2
29146-44	1/2" POPPET, Ø.630 X Ø.500 BUTT WELD, 10K CHECK VALVE, PSL3, PR2
29146-47	1/2" POPPET, Ø.620 X Ø.500 BUTT WELD, 10K CHECK VALVE, PSL3, PR2

*Other configurations not listed are available upon request

15,000 psi Supply
PR2 PSL3



Part Number Shown #25146-45

Available Configurations:
Various tube stub pressure ratings and sizes to meet customer needs.

FUNCTIONAL DESIGN SPECIFICATION

Maximum Allowable Working Pressure	15,000 PSI
Cracking Pressure	60 PSI +/- 10% (54-66 PSI)
Flow Coefficient (Cv)	2
Hydrostatic Proof Pressure	22,500 PSI
Operating Temperature Range	0 °F to 250 °F
Mounting Restrictions	None
US Patent	7,225,831
Maximum Operating Depth	15,000 ft

BILL OF MATERIALS

Item Number*	Description	Material
1	BODY, SEAT, 1/2" POPPET, Ø.760 X Ø.500 BUTT WELD, PSL3	25 Cr Duplex SS
2	SEAL RING, 1/2" POPPET CHECK VALVE, PSL3	B446 NO6625 (INCONEL 625)
3	POPPET, 1/2" POPPET CHECK VALVE, PSL3	UNS R30016 (STELLITE 6B)

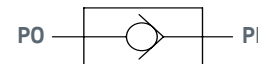
BILL OF MATERIALS (CONT.)

Item Number*	Description	Material
4	COMPRESSION SPRING, PSL3	UNS R30003 (ELGILOY SPRING WIRE)
5	BODY, RETAINER, 1/2" POPPET, Ø.760 X Ø.500 BUTT WELD, PSL3	25 Cr Duplex SS
6	PIN, SPRING, .125 OD X .500 LG, 316 SS	316 SS

Part Numbers	Description
25146-45	1/2" POPPET, Ø.760 X Ø.500 BUTT WELD, 15K CHECK VALVE, PSL3, PR2
25146-46	1/2" POPPET, Ø.570 X Ø.375 BUTT WELD, 15K CHECK VALVE, PSL3, PR2
25146-48	1/2" POPPET, Ø.750 X Ø.482 BUTT WELD, 15K CHECK VALVE, PSL3, PR2

*Other configurations not listed are available upon request

20,000 psi Supply
PR2 PSL3



Part Number Shown #247759

FUNCTIONAL DESIGN SPECIFICATION

Maximum Allowable Working Pressure	20,000 PSI
Cracking Pressure	60 PSI +/- 10% (54-66 PSI)
Flow Coefficient (Cv)	2
Hydrostatic Proof Pressure	30,000 PSI
Operating Temperature Range	0 °F to 250 °F
Mounting Restrictions	None
US Patent	7,225,831
Maximum Operating Depth	15,000 ft

Available Configurations:
Various tube stub pressure ratings and sizes to meet customer needs.

BILL OF MATERIALS

Item Number*	Description	Material
1	BODY, RETAINER, 1/2"-20K POPPET, Ø.750 X .362 BUTT WELD	25 Cr Duplex SS
2	BODY, SEAT, 1/2"-20K POPPET, Ø.750 X .362 BUTT WELD	25 Cr Duplex SS
3	SEAL RING, 1/2" POPPET CHECK VALVE, PSL3	B446 N06625 (INCONEL 625)

BILL OF MATERIALS (CONT.)

Item Number*	Description	Material
4	COMPRESSION SPRING, PSL3	UNS R30003 (ELGILOY SPRING WIRE)
5	POPPET, 1/2" POPPET CHECK VALVE, PSL3	UNS R30016 (STELLITE 6B)
6	PIN, SPRING, .125 OD X .500 LG, 316 SS	316 SS

Part Numbers Description

247759	1/2" POPPET, Ø.750 X Ø.362 BUTT WELD, 10K CHECK VALVE, PSL3, PR2
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*Other configurations not listed are available upon request