

LUBRICATION SCIENTIFICS, LLC

THE RIGHT PRODUCTS. THE RIGHT VALUES. THE RIGHT CHOICE.



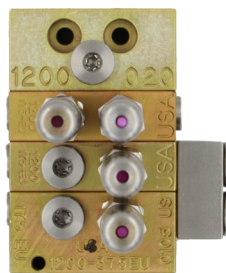
**FACTORY BUILT ORFL VALVE
ASSEMBLIES**

INDEX

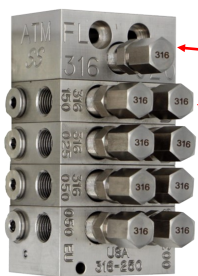
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FOR HOSES, FITTINGS AND ALL OTHER ACCESSORIES PLEASE REFER TO OUR FULL ACCESSORIES BROCHURE (BULLETIN: LSM032)





MORE VERSATILE THAN MONO BLOCKS



INLET ALTERNATE FILL PORT

IN THE EVENT OF PUMP FAILURE, THE ENTIRE SYSTEM CAN BE MANUALLY LUBRICATED USING THIS FILL PORT

INLET FILL PORT KITS

FOR 1200 (CRS) AND 1202 (SS303) SERIES, ORDER 1202-431 (INCLUDES FILL FITTING AND 100 MESH FILTER SCREEN)

FOR FL316 SERIES, ORDER FL316-431 (INCLUDES FILL FITTING AND 100 MESH FILTER SCREEN)

FRONT OUTLET FILL FITTING PORTS

USE THESE PORTS FOR PRE-FILLING LUBE POINT LINES DURING INSTALLATION IDEAL FOR TROUBLE SHOOTING AND THEN CLEARING BLOCKAGES IN LUBE POINT LINES

FRONT OUTLET FILL FITTINGS

FOR 1200 (CRS) AND 1202 (SS303) SERIES, ORDER L90471-ORS-303

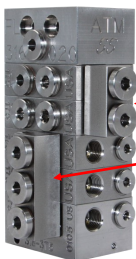
FOR FL316 SERIES, ORDER L90471-ORS-316

(CAUTION: DO NOT USE FILTER SCREENS ON FRONT OUTLETS)



THE ORFL VALVE'S FRONT OUTLETS AND COMPACT FOOTPRINT ALLOWS VALVE ASSEMBLY INSTALLATION, EVEN IN THE TIGHTEST SPACES

*PICTURED ASSEMBLY INSTALLED IN JOHN DEERE 344K WHEEL LOADERS ON BACK OF TILT ARM



SIDE AND FRONT CROSSPORT KITS PROVIDE SYSTEM DESIGN OPTIONS UNAVAILABLE IN ANY MONO BLOCK VALVE

FOR SIDE AND FRONT CROSSPORT KITS, SEE PAGE 8



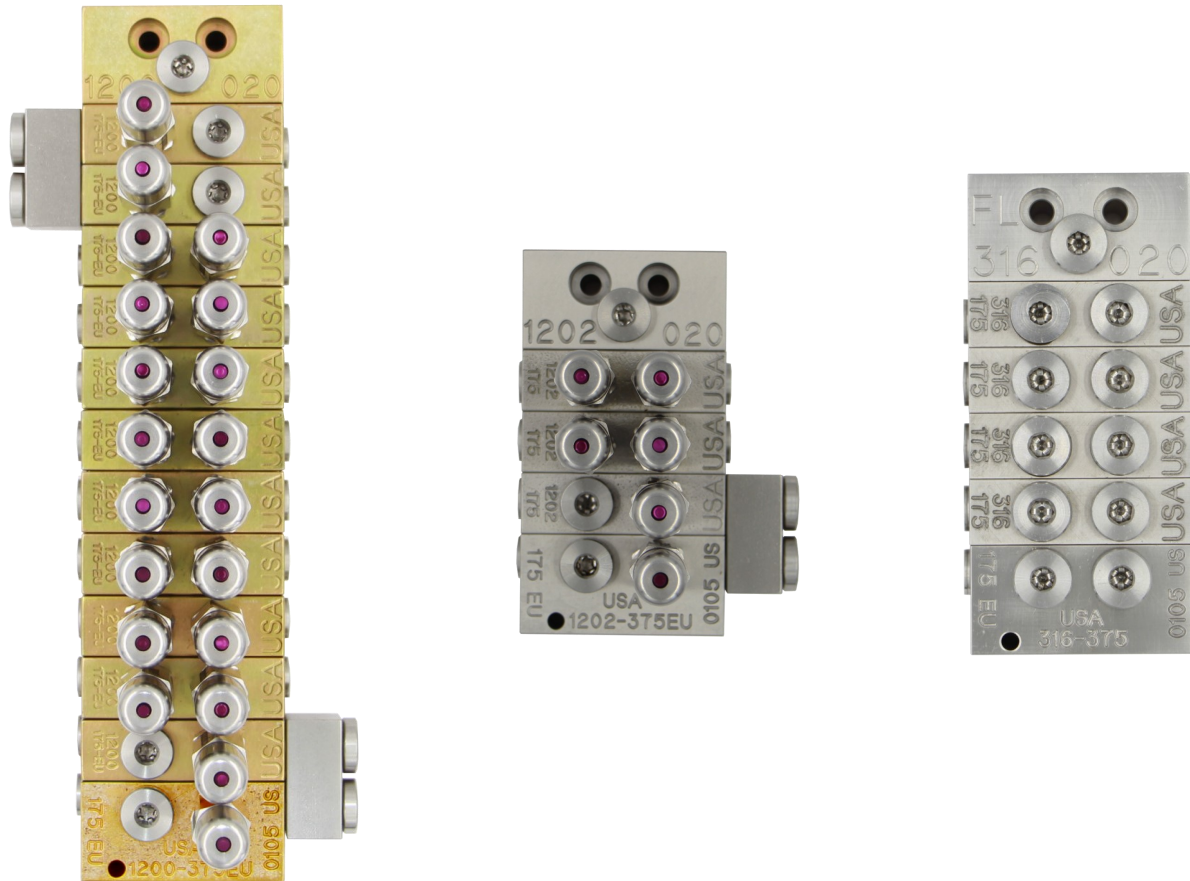
ORFL ASSEMBLIES ACCEPT ALL SERIES PROGRESSIVE SYSTEM TROUBLE SHOOTING ACCESSORIES FOR INFORMATION ON ALL PERFORMANCE AND TROUBLE SHOOTING ACCESSORIES, REFER TO OUR **PRODUCT BULLETIN LSM002**

FOR TROUBLESHOOTING PROCEDURES, REFER TO OUR **TECHNICAL GUIDE LSG008**

COMPETITIVE LOW COST

ORFL FACTORY BUILT TO COMPETITORS EQUIVALENT

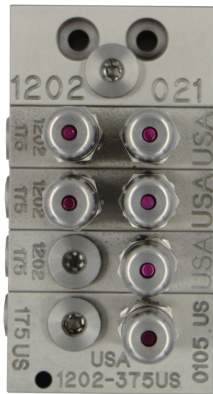
EU, M10 INLET AND M10 OUTLETS



EU NUMBER OF OUTLETS	CARBON STEEL M10 INLET M10 OUTLETS NO CIP	CARBON STEEL M10 INLET M10 OUTLETS WITH CIP	303 STAINLESS M10 INLET M10 OUTLETS NO CIP	303 STAINLESS M10 INLET M10 OUTLETS WITH CIP	316 STAINLESS M10 INLET M10 OUTLETS NO CIP	316 STAINLESS M10 INLET M10 OUTLETS WITH CIP
3-6	1200-27121-1	1200-27122-1	1202-27121-1	1202-27122-1	FL316-27121-1	FL316-27122-1
4-8	1200-26396-2	1200-26646-2	1202-26396-2	1202-26646-2	FL316-26396-2	FL316-26646-2
5-10	1200-26844-1	1200-26845-2	1202-26844-1	1202-26845-2	FL316-26844-1	FL316-26845-2
6-12	1200-26398-2	1200-26648-2	1202-26398-2	1202-26648-2	FL316-26398-2	FL316-26648-2
7-14	1200-29400-1	1200-28899-1	1202-29400-1	1202-28899-1	FL316-29400-1	FL316-28899-1
8-16	1200-29401-1	1200-28900-1	1202-29401-1	1202-28900-1	FL316-29401-1	FL316-28900-1
9-18	1200-28864-1	1200-28901-1	1202-28864-1	1202-28901-1	FL316-28864-1	FL316-28901-1
10-20	1200-28865-1	1200-28902-1	1202-28865-1	1202-28902-1	FL316-28865-1	FL316-28902-1
11-22	1200-28866-1	1200-28875-1	1202-28866-1	1202-28875-1	FL316-28866-1	FL316-28875-1
12-24	1200-99024-1	1200-99024-2	1202-99024-1	1202-99024-2	FL316-99024-1	FL316-99024-2

* IF LIMIT SWITCH IS DESIRED IT MUST BE PURCHASED SEPARATELY. SEE PAGE 12 FOR LIMIT SWITCH KIT PART NUMBERS

ORFL FACTORY BUILT TO COMPETITORS EQUIVALENT
US, 1/8 NPSF INLET AND 1/8 NPSF OUTLETS



US NUMBER OF OUTLETS	CARBON STEEL 1/8 NPTF INLET 1/8 NPTF OUTLETS NO CIP	CARBON STEEL 1/8 NPTF INLET 1/8 NPTF OUTLETS WITH CIP	303 STAINLESS 1/8 NPTF INLET 1/8 NPTF OUTLETS NO CIP	303 STAINLESS 1/8 NPTF INLET 1/8 NPTF OUTLETS WITH CIP	316 STAINLESS 1/8 NPTF INLET 1/8 NPTF OUTLETS NO CIP	316 STAINLESS 1/8 NPTF INLET 1/8 NPTF OUTLETS WITH CIP
3-6	1200-27121-1US	1200-27122-1US	1202-27121-1US	1202-27122-1US	FL316-27121-1US	FL316-27122-1US
4-8	1200-26396-2US	1200-26646-2US	1202-26396-2US	1202-26646-2US	FL316-26396-2US	FL316-26646-2US
5-10	1200-26844-1US	1200-26845-2US	1202-26844-1US	1202-26845-2US	FL316-26844-1US	FL316-26845-2US
6-12	1200-26398-2US	1200-26648-2US	1202-26398-2US	1202-26648-2US	FL316-26398-2US	FL316-26648-2US
7-14	1200-29400-1US	1200-28899-1US	1202-29400-1US	1202-28899-1US	FL316-29400-1US	FL316-28899-1US
8-16	1200-29401-1US	1200-28900-1US	1202-29401-1US	1202-28900-1US	FL316-29401-1US	FL316-28900-1US
9-18	1200-28864-1US	1200-28901-1US	1202-28864-1US	1202-28901-1US	FL316-28864-1US	FL316-28901-1US
10-20	1200-28865-1US	1200-28902-1US	1202-28865-1US	1202-28902-1US	FL316-28865-1US	FL316-28902-1US
11-22	1200-28866-1US	1200-28875-1US	1202-28866-1US	1202-28875-1US	FL316-28866-1US	FL316-28875-1US
12-24	1200-99024-1US	1200-99024-2US	1202-99024-1US	1202-99024-2US	FL316-99024-1US	FL316-99024-2US

* IF LIMIT SWITCH IS DESIRED IT MUST BE PURCHASED SEPARATELY. SEE PAGE 12 FOR LIMIT SWITCH KIT PART NUMBERS

EU SERIES OUTLET FITTINGS, PLUGS & OUTLET CHECK VALVES

TUBE NUTS, M10 X 4/6MM TUBING

DESCRIPTION	SS303	SS316	STD PACK
TUBE NUT, M10 BY 4MM	1202-401-4	FL316-401-4	10
TUBE NUT, M10 BY 6MM	1202-401-6	FL316-401-6	10



TUBE FERRULES, 4/6MM TUBING

DESCRIPTION	BRASS	STD PACK
BRASS FERRULE, DBL CONE, 4MM	LFR104-215	10
BRASS FERRULE, DBL CONE, 6MM	LFR-106-215	10



TUBE NUTS & FERRULE KITS, 4MM

DESCRIPTION	SS303	SS316	STD PACK
FERRULE SETS, 4MM (10 NUTS & FERRULES)	1202-401-4MK	FL316-401-4MK	10



TUBE NUTS & FERRULE KITS, 6MM

DESCRIPTION	SS303	SS316	STD PACK
FERRULE SETS, 6MM (10 NUTS & FERRULES)	1202-401-6MK	FL316-401-6MK	10



OUTLET PLUGS, ALL

DESCRIPTION	SS303	SS316	STD PACK
PLUG, M10 X 1	1202-400	FL316-400	10



OUTLET CHECK VALVE

DESCRIPTION	SS303	SS316	STD PACK
OUTLET CHECK, M10 X 1	1202-425	FL316-425	10



US SERIES OUTLET FITTINGS, PLUGS & OUTLET CHECK VALVES

OUTLET FITTINGS, 1/8 NPTF X 1/4 TUBE, MAX 2800 PSI

DESCRIPTION	SS303	STD PACK
BRASS TUBE FITTING, 1/8 NPTF X 1/4 TUBE	LTF-4-2N-BR	10



TAPERED PIPE FITTINGS

DESCRIPTION	ALLOY	SS316	STD PACK
PLUG, 1/8-27 NPTF	A-125N-A	A-125N-316	10

ALLOY

SS316



FILL FITTINGS

DESCRIPTION	SS303	SS316	STD PACK
FILL FITTING, 1/8-27 ORS	L90471-ORS-303	L90471-ORS-316	1
LEAK PROOF FILL STUD W/ INTERNAL CHECK 1/8—27 NPS O-RING SEALED	L90471-ORS-LP-303	L90471-ORS-LP-316	1
LEAK PROOF FILL STUD W/ INTERNAL CHECK 1/8—27 NPS O-RING SEALED	L90471-ORS-LP-303	L90471-ORS-LP-316	1
1/8-27 NPTF	L90471-NPTF-303	L90471-NPTF-316	1
FILL STUD W/ INTERNAL CHECK 1/8—27 NPSTF	L90471-NPTF-LP-303	L90471-NPTF-LP-316	1
#4 JIC X 1/8-27NPTF	L90471-JIC-303	L90471-JIC-316	1
INLET FILL FITTING W/100 MESH SCREEN	1202-431	FL316-431	1



*FOR PROPER USE OF THIS ACCESSORY PLEASE SEE PAGE 15

TUBE FITTINGS

DESCRIPTION	BRASS	SS303	STD PACK
TUBE FITTING 1/4" TUBE X 1/8" NPT BRASS	LTF-4-2N-BRASS	LTF-4-2N	10

ORDERING INFORMATION & PART NUMBERS

THE ONLY MINIATURE DIVIDER VALVE IN EXISTENCE THAT ACCEPTS PERFORMANCE INDICATORS

PERFORMANCE RESET INDICATORS W/ MEMORY

STANDARD PACK: 5 EACH	1/8 NPSF O-RING CONNECTION	
	303 STAINLESS	316 STAINLESS
ITEM DESCRIPTION		
1,000 PSI 69 BAR	303-P1000	316-P1000
1,500 PSI 103 BAR	303-P1500	316-P1500
2,000 PSI 138 BAR	303-P2000	316-P2000
2,500 PSI 172 BAR	303-P2500	316-P2500
3,000 PSI 207 BAR	303-P3000	316-P3000
3,500 PSI 241 BAR	303-P3500	316-P3500
5,000 PSI 345 BAR	303-P5000	316-P5000



NOTE: FOR MORE INFORMATION REGARDING PERFORMANCE INDICATORS, REFER TO BULLETIN LSM002

ORDERING INFORMATION & PART NUMBERS

BLOWOUT FITTINGS

STANDARD PACK: 5 EACH	1/8" O-RING SEAL OR 1/8" NPTF THREADS	
ITEM DESCRIPTION	303 STAINLESS	316 STAINLESS
LOW PRESSURE 1/8" NPSF PLAIN NUT W/ 1/4" APERTURE	BOF-LP-303-NPTF BOF-LP-303-ORS	BOF-LP-316-NPTF BOF-LP-316-ORS
LOW PRESSURE 1/8" NPSF SPUD NUT W/ 1/4" APERTURE	BOF-LP-303R-NPTF BOF-LP-303R-ORS	BOF-LP-316R-NPTF BOF-LP-316R-ORS
HIGH PRESSURE 1/8" NPSF PLAIN NUT W/ 1/8" APERTURE	BOF-HP-303-NPTF BOF-HP-303-ORS	BOF-HP-316-NPTF BOF-HP-316-ORS
HIGH PRESSURE 1/8" NPSF SPUD NUT W/ 1/8" APERTURE	BOF-HP-303R-NPTF BOF-HP-303R-ORS	BOF-HP-316R-NPTF BOF-HP-316R-ORS



RUPTURE DISCS

STANDARD PACK: 25 EACH				
DISC COLOR	DISK DIAMETER	LOW PRESSURE BURST (PSI) (1/4" APERTURE FITTING)	HIGH PRESSURE BURST (PSI) (1/8" APERTURE FITTING)	PART NUMBER
BLACK	3/8"	900	NOT OBSERVED	A509-276-000
GREEN	3/8"	1,175	NOT OBSERVED	A509-277-000
RED	3/8"	1,750	4,600	A509-279-000
ORANGE	3/8"	2,050	5,500	A509-280-000
ALUMINUM	3/8"	2,350	N/R	A509-281-000
PINK	3/8"	2,650	6,400	A509-282-000
BLUE	3/8"	2,950	7,300	A509-283-000
PURPLE	3/8"	3,250	8,200	A509-284-000

NOTE: ALL DISKS HAVE A RUPTURE TOLERANCE OF +500 PSI

ORDERING INFORMATION & PART NUMBERS




ADDITIONAL ACCESSORIES FOR VERIFYING LUBRICATION SYSTEM FUNCTION

ATMOSPHERIC RESET INDICATORS

PART NUMBER	DESCRIPTION
L5081000-ORS	ATMOSPHERIC RESET INDICATOR, 1000 PSI, 1/8 ORS
L5081500-ORS	ATMOSPHERIC RESET INDICATOR, 1500 PSI, 1/8 ORS
L5082000-ORS	ATMOSPHERIC RESET INDICATOR, 2000 PSI, 1/8 ORS
L5082500-ORS	ATMOSPHERIC RESET INDICATOR, 2500 PSI, 1/8 ORS
L5083000-ORS	ATMOSPHERIC RESET INDICATOR, 3000 PSI, 1/8 ORS
L5081000-316-ORS	316 ATMOSPHERIC RESET INDICATOR, 1000 PSI, 1/8 ORS
L5081500-316-ORS	316 ATMOSPHERIC RESET INDICATOR, 1500 PSI, 1/8 ORS
L5082000-316-ORS	316 ATMOSPHERIC RST INDICATOR, 2000 PSI, 1/8 ORS
L5082500-316-ORS	316 ATMOSPHERIC RST INDICATOR, 2500 PSI, 1/8 ORS
L5083000-316-ORS	316 ATMOSPHERIC RST INDICATOR, 3000 PSI, 1/8 ORS



OUTLET FITTINGS, CLOSURE PLUGS & O-RING KITS

STANDARD PACK: 10 EACH				
PART DESCRIPTION	FITTING STYLE	303 STAINLESS STEEL	316 STAINLESS STEEL	PICTURES
ORFL A/O PLUG W/ O-RING	ALTERNATE OUTPUT PLUG	A-002-S	A-002-S316	
ORFL PISTON BORE PLUG	PISTON PLUG	1202-429	FL316-429	
INTERNAL CHECK KIT	CAP O-RING BALL SPRING	1202-430	FL316-430	
O-RING KIT	ALL INLET SECTIONS	1202-426	N/A	N/A
O-RING KIT	O-RING KIT - ALL VALVE SECTIONS	1202-427	N/A	N/A

ORFL WORKING END SECTIONS W/ CIP

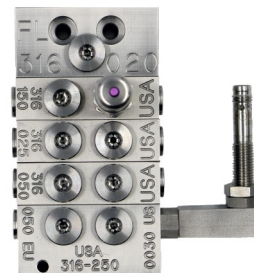
FOR PLC/CONTROLLER FEEDBACK SIGNAL, USE WITH ORFL PROXIMITY KITS BELOW

ORFL PROXIMITY SWITCH KITS

KIT INCLUDES ADAPTER & PROXIMITY SWITCH

CABLE MUST BE ORDERED SEPARATELY

STANDARD PACK: 1 EACH		
DESCRIPTION	303 STAINLESS STEEL	316 STAINLESS STEEL
PROXIMITY KIT, PNP TYPE	1202-501	FL316-501
PROXIMITY KIT, NPN TYPE	1202-502	FL316-502



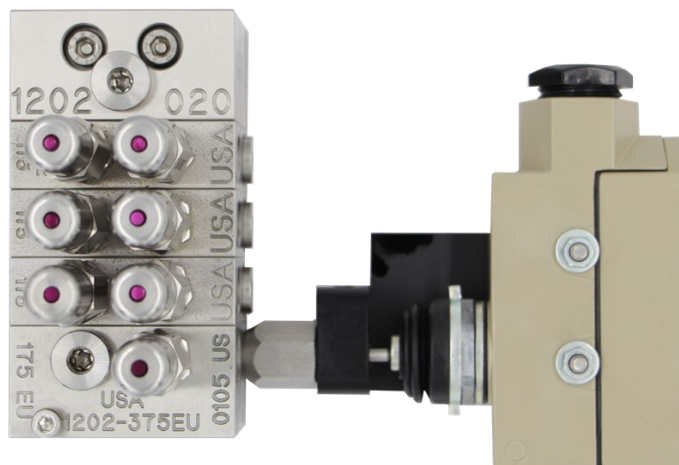
PROXIMITY SWITCH CABLES

STANDARD PACK: 1 EACH			
DESCRIPTION	LENGTH	CONNECTOR TYPE	PART NUMBER
3 WIRE PICO M8 CORDSET, 24 AWG, NICKEL PLATED BRASS COUPLING NUT	16.4 FEET 5 METERS	RIGHT ANGLE	PSC-16
3 WIRE PICO M8 CORDSET, 24 AWG, NICKEL PLATED BRASS COUPLING NUT	32.8 FEET 10 METERS	RIGHT ANGLE	PSC-32

ORFL CYCLE INDICATOR SWITCH KITS FOR INDUSTRIAL APPLICATIONS

STANDARD PACK: 1 EACH	
DESCRIPTION	PART NUMBER
LIMIT SWITCH ASSEMBLY, SPDT KIT	LSW-001
LIMIT SWITCH ASSEMBLY, DPDT KIT	LSW-002

NOTE: FOR ELECTRICAL SPECIFICATIONS SEE PAGE 13

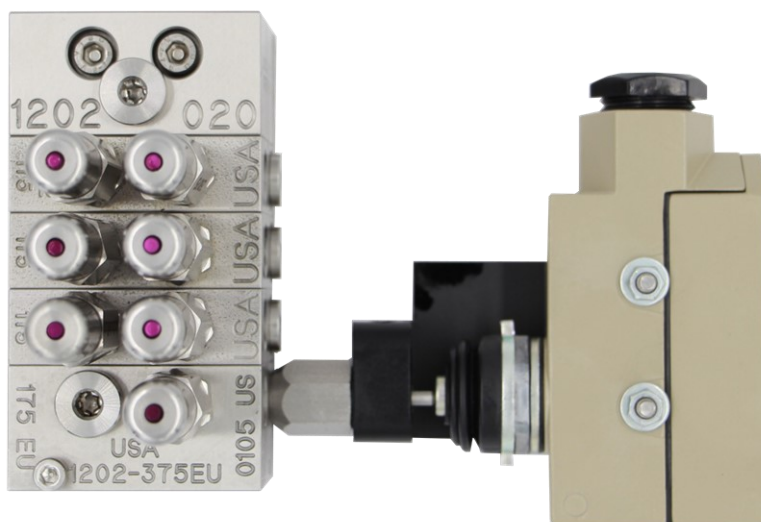


ORFL CYCLE INDICATOR SWITCH ELECTRICAL SPECIFICATIONS

Rated Voltage (V)	Non-inductive Load (A)			Inductive Load (A)		
	Resistive Load	Lamp Load		Inductive Load (A)	Motor Load	
	N.C. N.O.	N.C.	N.O.	N.C. N.O.	N.C.	N.O.
125 VAC	10	3	1.5	10	5	2.5
250 VAC	10	2.5	1.25	10	3	1.5
430 VAC	3	1.5	0.75	2.5	1.5	0.75
8 VDC	10	3	1.5	6	6	5
14 VDC	10	3	1.5	6	6	5
30 VDC	8	3	1.5	6	5	2.5
125 VDC	0.5	0.4		0.05	0.05	
250 VDC	0.25	0.2		0.03	0.03	

NOTES:

1. Inductive load: power factor = 0.4; time constant = 7 msec.
2. Lamp load has an inrush current of 10 times the steady-state current while motor load has an inrush current of 6 times the steady-state current.



ORFL SINGLING INSTRUCTIONS

THE ORFL DIVIDER VALVES COME FACTORY SET AS TWIN VALVES. IF SINGLING A VALVE IS REQUIRED, REFER TO THE FOLLOWING INSTRUCTIONS...

BEFORE STARTING, THE FOLLOWING TOOLS ARE REQUIRED: 5/64" & 3/16" ALLEN WRENCH AND NEEDLE-NOSE PLIERS.

TO SINGLE A VALVE BLOCK, SET SCREW MUST BE REMOVED WITHIN VALVE BLOCK BODY.

STEP 1: REMOVE LEFT **ALTERNATE OUTLET PLUG** TO ACCESS INTERNAL CHECK HARDWARE. USE 3/16" ALLEN. **FIG. 1**

STEP 2: USING NEEDLE-NOSE PLIERS, REMOVE SPRING AND CHECK BALL. **FIG. 1**

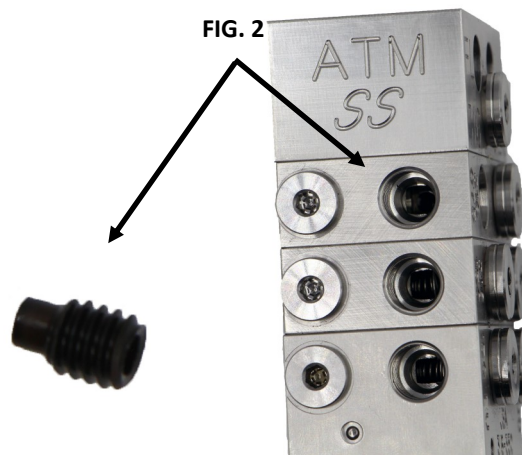
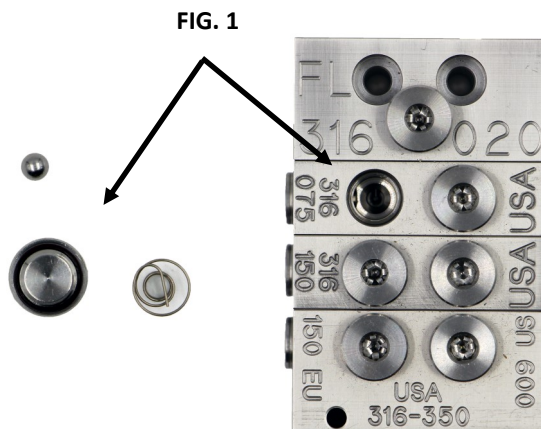
STEP 3: TURN VALVE ON ITS SIDE, LOOK THROUGH OUTLET PORT TO NOTICE A BLACK SET SCREW IN CENTER OF PORT. REMOVE SET SCREW USING 5/64" ALLEN. **FIG. 2**

REMOVING THIS SET SCREW SINGLES THE VALVE BLOCK

STEP 4: REASSEMBLE CHECK HARDWARE BY FIRST DROPPING CHECK BALL BACK INTO ALTERNATE OUTLET PORT, FOLLOWED BY SPRING. USING NEEDLE-NOSE PLIERS INSERT SPRING BELOW THREAD LEVEL.

STEP 5: REPLACE ALTERNATE OUTPUT PLUG USING A 3/16" ALLEN WRENCH.

STEP 6: BE SURE APPROPRIATE OUTLET PLUGS ARE INSTALLED FOR DESIRED OUTPUT



FUNCTION ILLUSTRATION & SPECIFICATIONS

Major Benefits when utilizing ORFL Fill Fittings

Fill Fittings for use in ORFL valve Alternate Inlet & Outlet Port

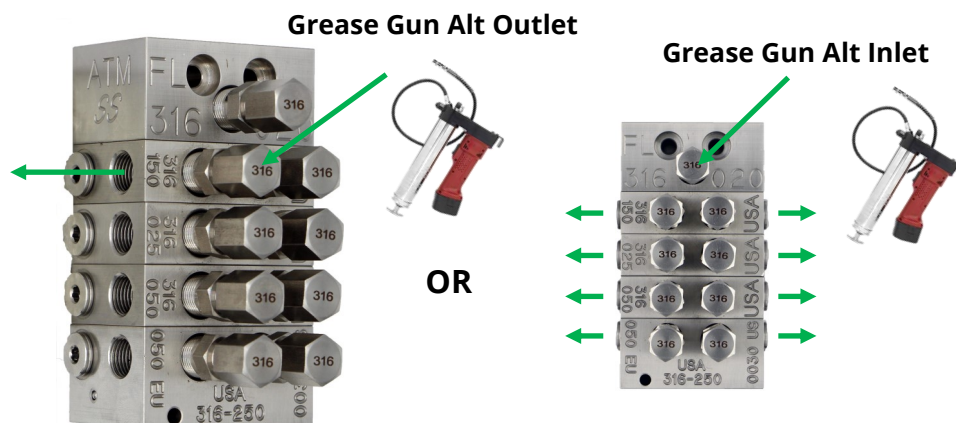
- **FILL FITTINGS THAT CONTAIN NO INTERNAL COMPONENTS**—No damage can be done to valve or downstream machinery from high pressure surge from a grease gun. High surges can blow the guts out of a normal ZERK Fitting
- **FILL FITTINGS ARE ZERO LEAK**—Uses 1/8-27 SAE type O-ring (ORS) connection. This connection cannot damage port threads
- **ORFL VALVES HAVE INTERNAL CHECK VALVES**—Grease Gun Lubrication WILL NOT damage valve or lubrication system.
- **FILL FITTINGS WITH INTERNAL CHECKS**—**TO PREVENT DAMAGE TO CHECKED MANUAL FILL FITTINGS DO NOT EXCEED 3,000PSI MAX MANUAL FILL PUMP PRESSURE!!**

Adding fill fittings to any valve **ALTERNATE INLET** provides maximum design flexibility

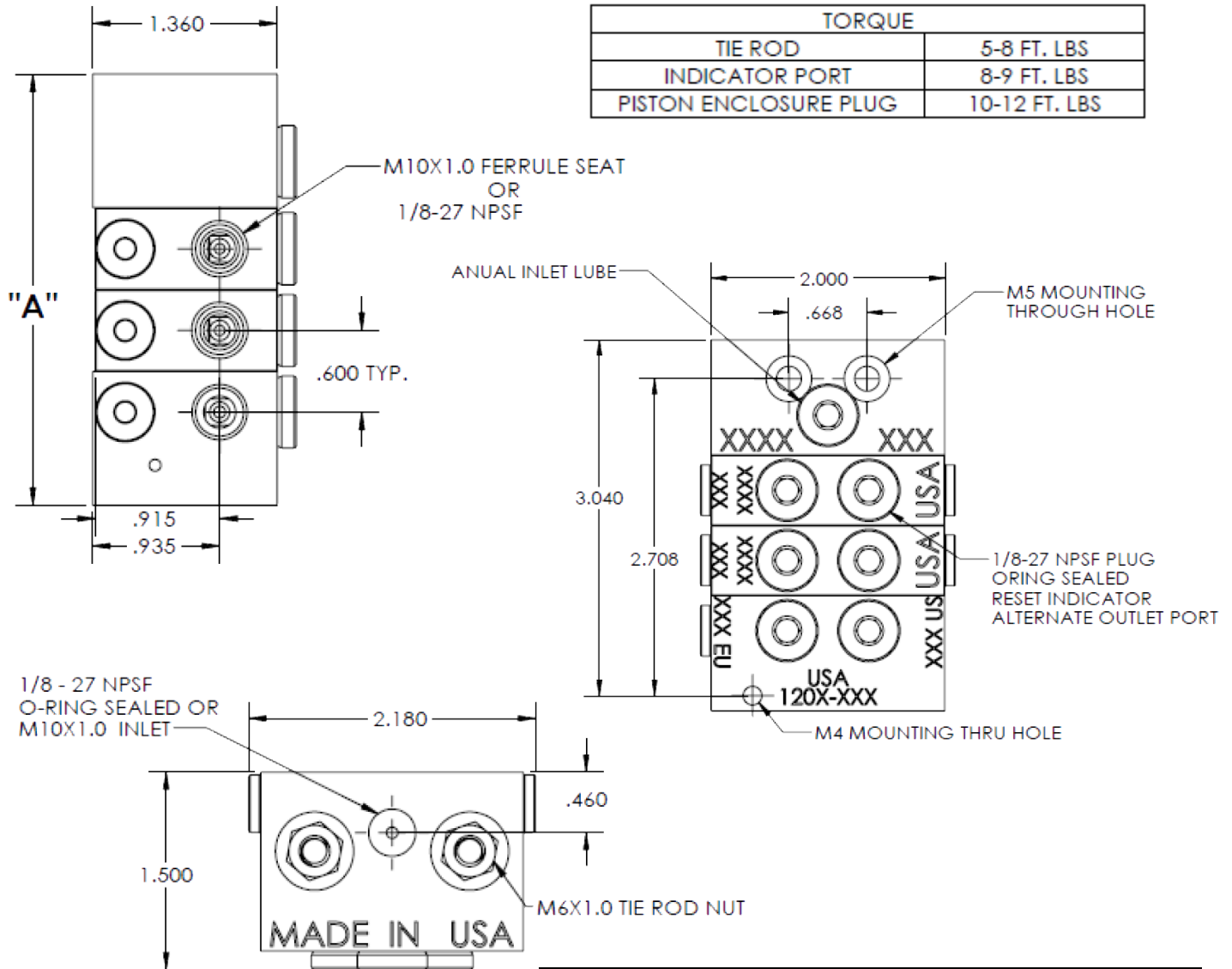
- **MANUAL LUBRICATION SYSTEMS**—With fill fittings installed in ALTERNATE INLET, ENTIRE valve can be cycled with a grease gun. Add an inlet fill screen to prevent contamination during manual lubrication.
- **SYSTEM PUMP FAILURE**—If system pump fails, installing ORFL FILL FITTING in the master valve ALTERNATE INLET WILL ALLOW THE ENTIRE LUBE SYSTEM to be cycled from ONE point. Add an inlet fill screen to prevent contamination during manual lubrication.

INSTALLING FILL FITTINGS IN ALTERNATE OUTLETS REDUCES SYSTEM START UP TIME, PROVIDES TROUBLE-SHOOTING OPTIONS, & OFFERS EFFECTIVE CONTINGENCY OPTIONS WHERE SYSTEM MAINTENANCE ISSUES EXIST

- **PREFILLING LUBRICATION LINES**—All lubrication lines from valve to lube point can be rapidly pre-filled by installing ORFL FILL FITTING into ALTERNATE OUTLET PORT for the line being pre-filled.
- **PURGING LUBRICATION LINES**—In the event that there is a lubricant specification change or incompatible lubricants have been mixed in system, all lines can be easily purged by installing ORFL FILL FITTINGS in all ORFL VALVES, including both Master and secondary valves. Purge from master out to secondary valves and then to individual lube points.
- **SYSTEM TROUBLE SHOOTING**—Starting from lube point feed line and working back to master valve to



DIMENSIONS & MOUNTING INFORMATION



SPECIFICATIONS

CARBON STEEL, 303, 316
 STAINLESS STANDARD
 PRESSURE: MAX 3000 PSI UP
 TO 11 VALVES + 1 WORKING
 END 316 SS INTERNAL CHECK
 HARDWARE USE WITH OIL OR
 GREASE APPLICATIONS

DIMENSIONAL FOOTPRINT

NUMBER OF OUTLETS	"A" OAL LENGTH - IN.	"A" OAL LENGTH - MM
3-6	3.160"	80.264mm
4-8	3.760"	95.504mm
5-10	4.360"	110.744mm
6-12	4.960"	125.984mm
7-14	5.560"	141.224mm
8-16	6.160"	156.464mm
9-18	6.760"	171.704mm
10-20	7.360"	186.944mm
11-22	7.960"	202.184mm
12-24	8.560"	217.424mm

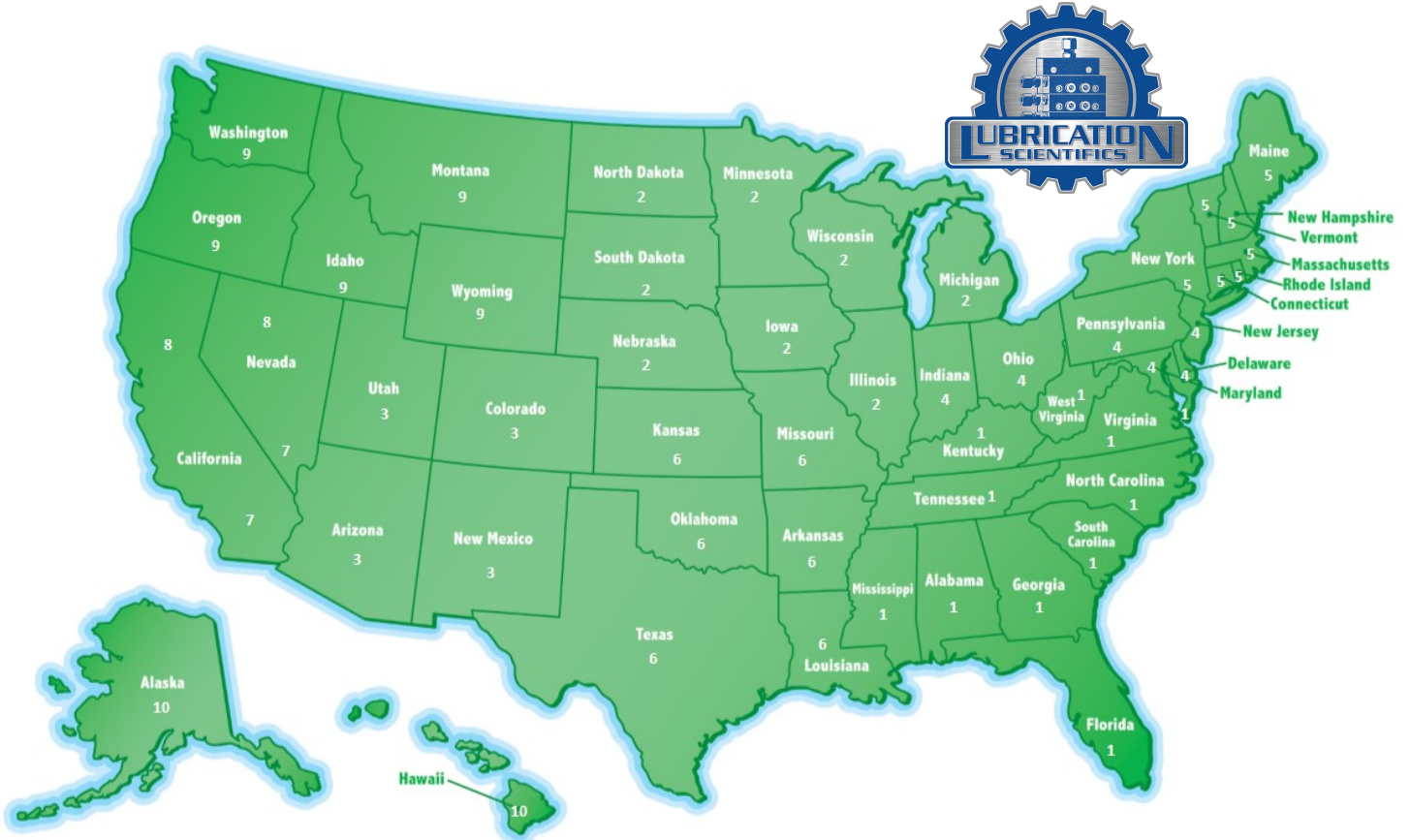
PART NUMBER INTERCHANGE LINCOLN®

LINCOLN® PART NUMBER	LUBRICATION SCIENTIFICS PART NUMBER	PRODUCT DESCRIPTION	LINCOLN® PART NUMBER	LUBRICATION SCIENTIFICS PART NUMBER	PRODUCT DESCRIPTION
619-26473-1	1200-27121-1	CRS, 6 OUTLET, NO CIP	619-27900-1	FL316-26648-2	316, 12 OUTLET, WITH CIP
619-26474-3	1200-27122-1	CRS, 6 OUTLET, WITH CIP	619-27899-1	FL316-26845-2	316, 10 OUTLET, WITH CIP
619-25730-2	1200-26396-2	CRS, 8 OUTLET, NO CIP	619-27900-1	FL316-26648-2	316, 12 OUTLET, WITH CIP
619-25754-4	1200-26646-2	CRS, 8 OUTLET, WITH CIP	619-27121-1	1200-27121-1US	CRS, 6 OUTLET, NO CIP
619-26844-1	1200-26844-1	CRS, 10 OUTLET, NO CIP	619-27122-1	1200-27122-1US	CRS, 6 OUTLET, WITH CIP
619-26842-2	1200-26845-2	CRS, 10 OUTLET, WITH CIP	619-26396-2	1200-26396-2US	CRS, 8 OUTLET, NO CIP
619-25731-2	1200-26398-2	CRS, 12 OUTLET, NO CIP	619-26646-2	1200-26646-2US	CRS, 8 OUTLET, WITH CIP
619-25755-4	1200-26648-2	CRS, 12 OUTLET, WITH CIP	619-26844-1	1200-26844-1US	CRS, 10 OUTLET, NO CIP
619-28862-1	1200-29400-1	CRS, 14 OUTLET, NO CIP	619-26845-2	1200-26845-2US	CRS, 10 OUTLET, WITH CIP
619-28871-1	1200-28899-1	CRS, 14 OUTLET, WITH CIP	619-26398-2	1200-26398-2US	CRS, 12 OUTLET, NO CIP
619-28863-1	1200-29401-1	CRS, 16 OUTLET, NO CIP	619-26648-2	1200-26648-2US	CRS, 12 OUTLET, WITH CIP
619-28872-1	1200-28900-1	CRS, 16 OUTLET, WITH CIP	619-29400-1	1200-29400-1US	CRS, 14 OUTLET, NO CIP
619-28864-1	1200-28864-1	CRS, 18 OUTLET, NO CIP	619-28899-1	1200-28899-1US	CRS, 14 OUTLET, WITH CIP
619-28873-1	1200-28901-1	CRS, 18 OUTLET, WITH CIP	619-29401-1	1200-29401-1US	CRS, 16 OUTLET, NO CIP
619-28865-1	1200-28865-1	CRS, 20 OUTLET, NO CIP	619-28900-1	1200-28900-1US	CRS, 16 OUTLET, WITH CIP
619-28874-1	1200-28902-1	CRS, 20 OUTLET, WITH CIP	619-28864-1	1200-28864-1US	CRS, 18 OUTLET, NO CIP
619-28866-1	1200-28866-1	CRS, 22 OUTLET, NO CIP	619-28901-1	1200-28901-1US	CRS, 18 OUTLET, WITH CIP
619-28875-1	1200-28875-1	CRS, 22 OUTLET, WITH CIP	619-28865-1	1200-28865-1US	CRS, 20 OUTLET, NO CIP
619-27471-1	1202-27122-1	303, 6 OUTLET, WITH CIP	619-28902-1	1200-28902-1US	CRS, 20 OUTLET, WITH CIP
619-27473-1	1202-26646-2	303, 8 OUTLET, WITH CIP	619-27472-1	1202-27122-1US	303, 6 OUTLET, WITH CIP
619-27475-1	1202-26845-2	303, 10 OUTLET, WITH CIP	619-27473-1	1202-26396-2US	303, 8 OUTLET, NO CIP
619-27477-1	1202-26648-2	303, 12 OUTLET, WITH CIP	619-27474-1	1202-26646-2US	303, 8 OUTLET, WITH CIP
619-29063-1	1202-28899-1	303, 14 OUTLET, WITH CIP	619-27476-1	1202-26845-2US	303, 10 OUTLET, WITH CIP
619-29064-1	1202-28900-1	303, 16 OUTLET, WITH CIP	619-27477-1	1202-26648-2US	303, 12 OUTLET, WITH CIP
619-29065-1	1202-28901-1	303, 18 OUTLET, WITH CIP	619-29063-1	1202-28899-1US	303, 14 OUTLET, WITH CIP
619-29066-1	1202-28902-1	303, 20 OUTLET, WITH CIP	619-29064-1	1202-28900-1US	303, 16 OUTLET, WITH CIP
619-27824-1	FL316-27122-1	316, 6 OUTLET, WITH CIP	619-29065-1	1202-28901-1US	303, 18 OUTLET, WITH CIP
619-27825-1	FL316-26646-2	316, 8 OUTLET, WITH CIP	619-29066-1	1202-28902-1US	303, 20 OUTLET, WITH CIP
619-27899-1	FL316-26845-2	316, 10 OUTLET, WITH CIP			

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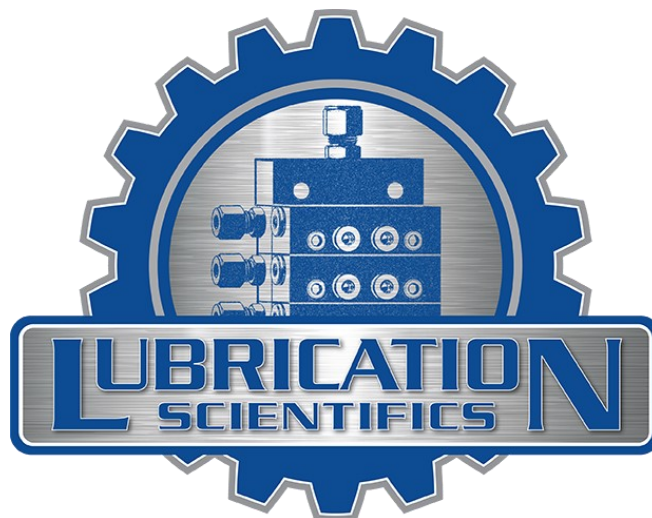
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