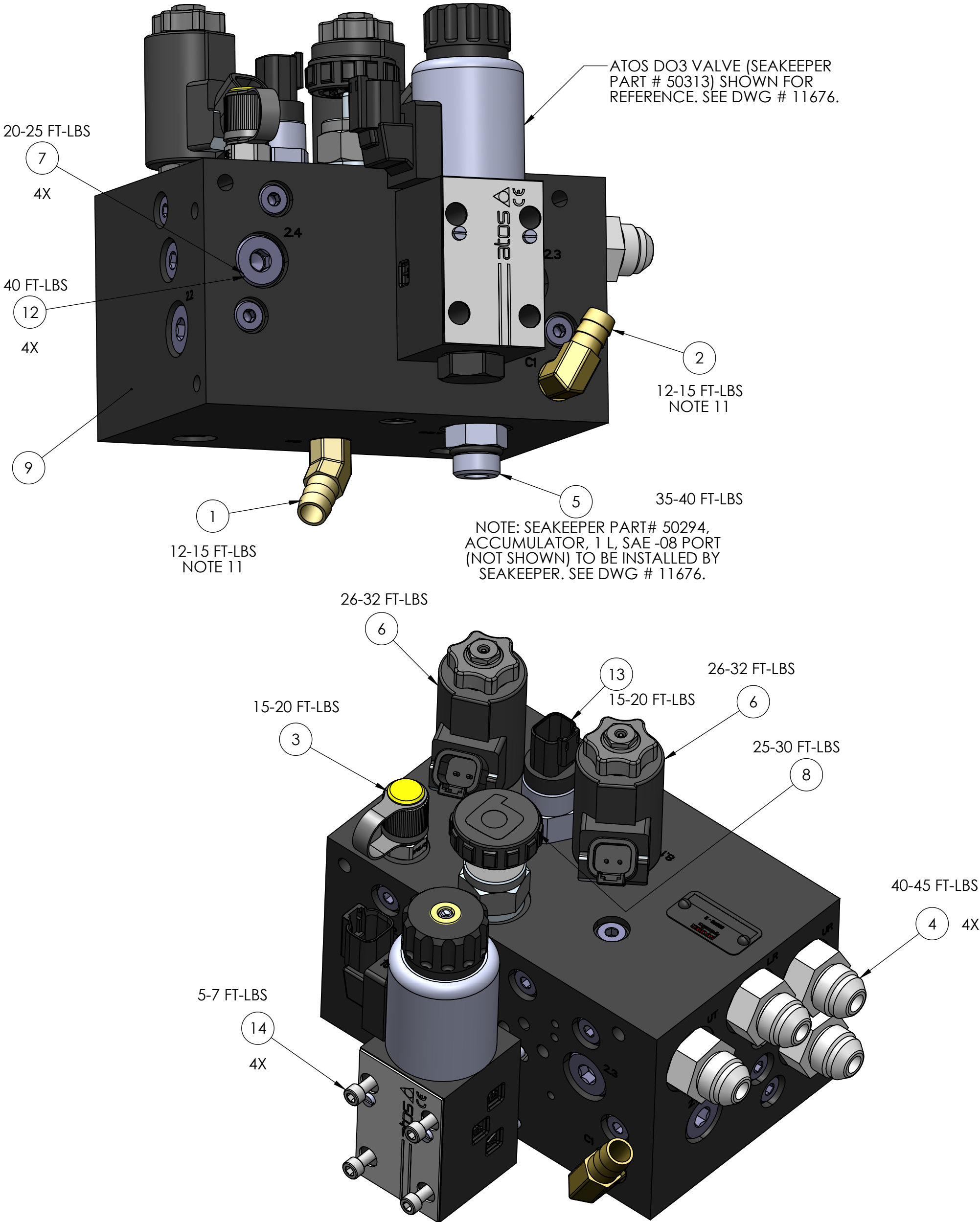


- NOTES: 1) MANIFOLD IS PROVIDED TO SEAKEEPER AS A COMPLETE, TESTED ASSEMBLY WITHOUT GLYCOL COOLANT.  
- MANIFOLD IS PROVIDED TO SEAKEEPER WITH ATOS VALVE INSTALLED BY BUCHER.  
2) THE MANIFOLD BLOCK IS CUSTOM MACHINED, DE-BURRED, CLEANED AND PRESSURE TESTED BY VENDOR.  
3) MANIFOLD BLOCK FINISH: STANDARD BLACK HARD COAT.  
4) ALL EXTERIOR COMPONENTS TO BE ZINC-NICKEL PLATED FOR 750+ SALT SPRAY LIFE.  
5) ALL OPEN PORTS AND ELECTRICAL CONNECTIONS SHALL HAVE PROTECTIVE PLUGS OR CAPS INSTALLED PRIOR TO SHIPMENT.  
6) FALLING PRESSURE SETPOINT **165 PSI ± 15 PSI** (INTENDED SYSTEM CHARGE PRESSURE 350 PSI).  
7) REPLACEMENT COIL FOR ITEM 8, PROPORTIONAL VALVE: ATOS PART# COZEK-6DC / SEAKEEPER #50258.  
8) REPLACEMENT COIL FOR ITEM 6, SOLENOID: BUCHER HYDRAULICS PART# 400280152 / SEAKEEPER #50342.

REV NO.	ECN NO.	ZONE	DESCRIPTION	DATE	APPRVD.
2	0827		REMOVED ADAPTOR PLATE, 50290ADPT; RELOCATED THE ACCUMULATOR PORT; CORRECTED THE ACCUMULATOR FITTING; (4X) SHCS LENGTH CHANGED FROM 1.75IN (#92196A252) TO 1.25IN (#92196A249) AND BUCHER DWG. #520-9-004470 CHANGED FROM REV C TO REV D	5/15/2020	WMG
3	0876	---	REPLACED INCORRECT PART# 50239 WITH 50278 ADAPTOR FITTING; SINCE WE REMOVED THE ADAPTOR PLATE, 50290ADPT, THE PLUG , MORB, SAE-02 AND O-RING, SIZE 012, 1/16" WD, DUROMETER 90 NO LONGER NEEDED	2/24/2021	TMD
4	1102	F8, E2, A3	CHANGED SWITCH SETPOINT, WAS 150 PSI. ADDED NOTE 13. CHANGED BUCHER DWG REV. ADDED WEIGHT.	10/17/2023	AMP
5	1102		REMOVED PART MARK NOTE. CHANGED PRESSURE SWITCH P/N, WAS 50343.	04DEC2023	AMP



PORT SCHEDULE		
NAME	SIZE	ITEM NO.
C1	NPTF 06	2
C2	NPTF 06	1
CHG	SAE #4	3
ACC	SAE #8	5
PS	SAE #4	14
UT	SAE #8	4
LR	SAE #8	4
UR	SAE #8	4
LT	SAE #8	4
2.1	SAE #8	7, 13
2.2	SAE #8	7, 13
2.3	SAE #8	7, 13
2.4	SAE #8	7, 13
3.1	SAE #8	9
8.1	SAE #8	6
8.2	SAE #8	6

14	---	SCREW, SOCKET HD, 10-24 X 1.25"	18-8 SS	4	
13	50408	PRESSURE SWITCH, 165 PSI	ZnNi PLTD	1	NOTE 6
12	50341	PLUG, SKT HEX, SAE ORB -08, ZN-NI PLATED	ZINC NICKEL PLATED STEEL	4	
11	50340	PLUG, SKT HEX, SAE ORB -06, ZN-NI PLATED	ZINC NICKEL PLATED STEEL	5	TORQUE TO 35 FT-LBS
10	50339	PLUG, SKT HEX, SAE ORB -04	ZINC NICKEL PLATED STEEL	12	TORQUE TO 10 FT-LBS
9	50338	SK6 RECTIFIED MANIFOLD BLOCK	AL 6061-T6, ANODIZED	1	NOTE 3
8	50335	FLOW CONTROL NEEDLE	ZnNi PLTD	1	SEAL KIT P/N: 5207300005
7	50292	CHECK VALVE, SIZE 08, 0.2 BAR	---	4	INSTALLED IN MANIFOLD
6	50291	2 WAY SOLENOID BLOCKING VALVE W/ REVERSE FLOW CHECK, 12VDC	ZnNi PLTD	2	NOTE 8
5	50278	ADAPTOR FITTING, -08 MORB X -08 MORB UNION	ZINC NICKEL PLTD	1	
4	50226	ADAPTOR, -08 SAEORB TO -08 JIC MALE STRAIGHT, ZN-NI PLATED	ZINC NICKEL PLTD	4	
3	50006	TEST PORT FITTING W/ PLASTIC CAP	STEEL/PLASTIC	1	
2	40298	ELBOW, 90 DEG BARBED FTG. 1/2" HOSE ID X 3/8" NPT MALE	BRASS	1	NOTE 11
1	40257	ELBOW, 45 DEG BARBED FTG 1/2" HOSE ID X 3/8" NPT MALE	BRASS	1	NOTE 11
ITEM NO.	PART NO.	DESCRIPTION	MATERIAL	QTY.	NOTE

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3rd ANGLE PROJECTION

WEIGHT - LBS : 17.5

MATERIAL: ---

**SEAKEEPER**

Seakeeper Inc., 45310 Abell House Lane, Suite 350 California, MD 20619

**DESCRIPTION:**

SEAKEEPER 6 RECTIFIED MANIFOLD ASSEMBLY, D03 VALVE, BUCHER

**DRAWING NO:** 50290-SP

**REV NO:** 5

**SCALE:** 1:2

**SHEET NO:** 1 OF 1