



VALVE NOTES:
 ALL SIZES: FULL PORT
 1000 PSI WORKING PRESSURE 1/2" to 2"
 800 PSI WORKING PRESSURE 2-1/2" TO 4"
 BLOW-OUT PROOF STEM, ADJUSTABLE PACKING WITH V-RING
 VITON STEM O-RING
 TEMPERATURE: -40°F - 440° F
 FOR CARBON STEEL: USE 'C3FDM' INSTEAD OF 'S3FDM'
 (SEE ORDERING MATRIX FOR ADD. OPTIONS)

DOUBLE ACTING- STAINLESS/CARBON STEEL							
PART #	ACTUATOR SIZE (mm)***	A	B	C	D	E	THREAD
PD/S3FDM-2	32	2.51	4.20	5.10	2.02	0.39	1/4 NPT
PD/S3FDM-3	32	2.51	4.20	5.10	2.02	0.39	3/8 NPT
PD/S3FDM-4	32	2.57	4.20	5.10	2.02	0.59	1/2 NPT
PD/S3FDM-6	32	3.11	4.85	5.10	2.02	0.78	3/4 NPT
PD/S3FDM-8	52	3.38	5.86	5.88	2.82	0.98	1 NPT
PD/S3FDM-10	52	4.13	5.97	5.88	2.82	1.25	1 1/4 NPT
PD/S3FDM-12	63	4.68	7.33	6.61	3.29	1.49	1 1/2 NPT
PD/S3FDM-16	75	5.23	8.10	7.32	3.73	1.96	2 NPT
PD/S3FDM-20	75	6.46	8.59	7.32	3.73	2.55	2 1/2 NPT
PD/S3FDM-24	85	7.19	9.26	9.47	4.17	3.15	3 NPT
PD/S3FDM-32	100	9.28	11.61	10.83	4.84	4.04	4 NPT

DEFAULT OPEN/CLOSE- STAINLESS STEEL (S3FDM)							
PART #	ACTUATOR SIZE (mm)***	A	B	C	D	E	THREAD
P*/S3FDM-2	52	2.51	5.29	5.88	2.82	0.39	1/4 NPT
P*/S3FDM-3	52	2.51	5.29	5.88	2.82	0.39	3/8 NPT
P*/S3FDM-4	52	2.57	5.29	5.88	2.82	0.59	1/2 NPT
P*/S3FDM-6	63	3.11	6.11	6.61	3.29	0.78	3/4 NPT
P*/S3FDM-8	75	3.38	6.98	7.32	3.73	0.98	1 NPT
P*/S3FDM-10	75	4.13	7.09	7.32	3.73	1.25	1 1/4 NPT
P*/S3FDM-12	85	4.68	7.34	10.83	4.84	1.49	1 1/2 NPT
P*/S3FDM-16	100	5.23	8.78	10.83	4.84	1.96	2 NPT
P*/S3FDM-20	115	6.46	10.67	13.11	5.39	2.55	2 1/2 NPT
P*/S3FDM-24	125	7.19	11.50	14.65	5.83	3.15	3 NPT
P*/S3FDM-32	140	9.28	12.98	17.13	6.46	4.04	4 NPT

* O = Fail Open
 * C = Fail Close



DRAWING NAME:
 PNEUMATIC ACTUATED 2-WAY CARBON STEEL/STAINLESS STEEL
 3-PIECE 2-WAY FULL PORT VALVES

MATERIAL:	A	DRAWING NUMBER: ACT-S3FDM	REV. 3
SCALE: N.T.S.	NAME: MCH	DATE: 8-15-17	

THIS DOCUMENT IS PROPERTY OF UNIVERSAL COMPONENTS, INC.
 ANY REPRODUCTION, DISCLOSURE, OR USE OF THIS DOCUMENT IS
 EXPRESSLY PROHIBITED UNLESS OTHERWISE AGREED UPON IN WRITING.
 ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.