



**NOTES:**

**CARBON STEEL VALVE NOTES:**

- MATERIALS:**
- BODY AND CAP: ASTM A216 WCB
  - BALL AND STEM: 316 SS
  - SEAT:TFM
  - PACKING: TFM/GRAPHITE

**STAINLESS STEEL VALVE NOTES:**

- MATERIALS:**
- BODY AND CAP: ASTM A351 CF8M
  - BALL AND STEM: 316 SS
  - SEAT:TFM
  - PACKING: TFM/GRAPHITE

ALL VALVES HAVE 3-SEAT DESIGN AND TRUNION STEM SUPPORT

**ACTUATOR NOTES:**  
80-120 PSI OPERATING AIR PRESSURE  
LIMIT SWITCHES AND SOLENOID VALVES AVAILABLE  
(SEE CATALOG FOR OPTIONS).

ANSI CLASS 150 - (PNEUMATIC DOUBLE ACTING)										
PART #	SIZE	ACT.	A	B	C	D	E	F	G	BRACKET/COUPLER
PD/**2FF150T*-6	3/4"	DA83	6.65	8.47	6.81	3.29	0.63 x 4	3.33	2.75	BK1050A
PD/**2FF150T*-8	1"	DA75	7.30	8.98	7.32	3.73	0.63 x 4	3.65	3.12	BK1050A
PD/**2FF150T*-12	1 1/2"	DA85	7.17	9.28	9.47	4.17	0.63 x 4	3.57	3.88	BK1050B
PD/**2FF150T*-16	2"	DA100	8.66	10.18	10.83	4.84	0.75 x 4	5.99	4.75	BK2075C
PD/**2FF150T*-24	3"	DA115	11.26	11.89	13.11	5.39	0.75 x 4	6.83	6.00	BK3075D
PD/**2FF150T*-32	4"	DA140	13.66	15.40	17.13	6.46	0.75 x 8	6.83	7.50	BK3075D
PD/**2FF150T*-48	6"	DA230	16.77	23.32	27.17	12.80	0.88 x 8	8.38	9.50	BK3125D
PD/**2FF150T*-64	8"	DA270	20.94	27.33	27.80	11.58	0.88 x 8	10.47	11.75	BK4270EL

ANSI CLASS 150 - (PNEUMATIC FAILSAFE)										
PART #	SIZE	ACT.	A	B	C	D	E	F	G	BRACKET/COUPLER
PS/**2FF150T*-6	3/4"	SR100	6.65	9.93	10.83	4.84	0.63 x 4	3.33	2.75	BK1063A
PS/**2FF150T*-8	1"	SR115	7.30	10.75	13.11	5.39	0.63 x 4	3.65	3.12	BK1075A
PS/**2FF150T*-12	1 1/2"	SR115	7.17	11.09	13.11	5.39	0.63 x 4	3.57	3.88	BK1075B
PS/**2FF150T*-16	2"	SR140	8.66	15.40	17.13	6.46	0.75 x 4	4.33	4.75	BK2075C
PS/**2FF150T*-24	3"	SR180	11.26	16.34	16.69	7.32	0.75 x 4	5.62	6.00	BK3125D
PS/**2FF150T*-32	4"	SR230	13.66	21.70	21.17	9.78	0.75 x 8	6.83	7.50	BK3125D

**OPTIONS:**  
\*\* S = STAINLESS STEEL  
C = CARBON STEEL

T\* : TL = L PORT  
TT = T PORT

CONSULT ORDERING MATRIX FOR OPTIONS AND MATERIALS

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.\*



DRAWING NAME:

**PNEUMATIC ACTUATED VALVES:  
C2FF - S2FF 150 3-WAY**

MATERIAL:	<b>A</b>	DRAWING NUMBER:	P-ACT-C2FF S2FF 150 TTTL-Series	REV.	<b>4</b>
SCALE: N.T.S.	NAME: MCH	DATE:	9-21-21		