



PNEUMATIC DOUBLE ACTING									
	IN/[MM]								
A	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
B	4-21/32 [118.2]	4-23/32 [136.4]	4-31/32 [126.2]	5-3/16 [131.7]	6-1/32 [153.1]	7-51/64 [198]	9-7/32 [234.1]	9-17/32 [242]	10-27/64 [264.6]
C	1-49/64 [44.8]	1-49/64 [44.8]	1-49/64 [44.8]	1-49/64 [44.8]	2-51/64 [71]	2-51/64 [71]	3-5/32 [80.1]	3-5/32 [80.1]	3-23/32 [94.4]
D	5-1/8 [130.1]	6-1/8 [154.5]	6-1/2 [165.1]	7 [177.8]	8 [203.2]	8-3/4 [222.2]	11-7/8 [301.7]	11-7/8 [301.7]	11-7/8 [301.7]
E	4-21/64 [109.9]	4-21/64 [109.9]	4-21/64 [109.9]	4-21/64 [109.9]	5-31/64 [139.4]	5-31/64 [139.4]	6-3/8 [161.9]	6-3/8 [161.9]	8-7/64 [207]
ACT.	DA1	DA1	DA1	DA1	DA2	DA2	DA3	DA3	DA4
WEIGHT (lbs)	1.52	1.86	2.29	3.30	5.03	6.98	15.92	16.34	25.07

PNEUMATIC SPRING RETURN									
	IN/[MM]								
A	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
B	5-7/32 [12.7]	5-17/32 [140.7]	5-35/64 [140.9]	5-3/4 [146]	6-31/64 [164.5]	6-47/64 [171.1]	9-37/64 [243.5]	9-23/32 [247.1]	12-35/64 [319]
C	2-51/64 [71]	2-51/64 [71]	2-51/64 [71]	2-51/64 [71]	3-11/64 [80.5]	3-11/64 [80.5]	4-53/64 [122.9]	4-53/64 [122.9]	5-25/64 [136.9]
D	5-1/8 [130.1]	6-1/8 [154.5]	6-1/2 [165.1]	7 [177.8]	8 [203.2]	8-3/4 [222.2]	11-7/8 [301.7]	11-7/8 [301.7]	11-7/8 [301.7]
E	5-31/64 [139.4]	5-31/64 [139.4]	5-31/64 [139.4]	5-31/64 [139.4]	6-3/8 [161.9]	6-3/8 [161.9]	10-11/16 [271.5]	10-11/16 [271.5]	12-29/32 [327.9]
ACT.	SR2	SR2	SR2	SR2	SR3	SR3	SR6	SR6	SR7
WEIGHT (lbs)	3.12	3.46	3.89	4.90	6.68	8.63	27.07	27.49	41.82

ELECTRIC ACTUATOR INCHES/[MM]														
A	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"					
B	6-13/64 [157.7]	7-5/64 [180]	6-33/64 [165.4]	7-13/32 [188.1]	6-17/32 [165.8]	7-13/32 [188.1]	6-3/4 [157.7]	7-39/64 [193.2]	170.3 [200.6]	7-33/64 [191.2]	9-13/32 [238.7]	12-7/8 [326.8]	13-13/16 [350.7]	
C	4 [101.6]	4-1/4 [107.9]	4 [101.6]	4-1/4 [107.9]	4 [101.6]	4-1/4 [107.9]	4 [101.6]	4-1/4 [107.9]	4 [101.6]	4-1/4 [107.9]	4-1/4 [107.9]	7 [177.8]	7 [177.8]	
D	5-1/8 [130.3]	6-1/8 [155.5]	6-1/2 [165.1]	7 [177.8]	8 [203.2]	8-3/4 [222.2]	11-7/8 [301.7]	11-7/8 [301.7]	12-15/16 [328.6]					
E	5-5/8 [143]	6-7/8 [174.7]	5-5/8 [143]	6-7/8 [174.7]	5-5/8 [143]	6-7/8 [174.7]	5-5/8 [143]	6-7/8 [174.7]	6-7/8 [174.7]	6-7/8 [174.7]	7 [177.8]	7 [177.8]		
F	2-5/16 [58.6]	2-27/64 [61.7]	2-5/16 [58.6]	2-27/64 [61.7]	2-5/16 [58.6]	2-27/64 [61.7]	2-5/16 [58.6]	2-27/64 [61.7]	2-5/16 [58.6]	2-27/64 [61.7]	2-3/8 [60.3]	2-3/8 [60.3]		
ACT.	U11	V12	U11	V12	U11	V12	U11	V12	U12	V12	U13	V13	U15	V15
WEIGHT (lbs)	5.47	9.47	5.81	9.81	6.24	10.24	7.25	11.25	7.73	11.73	11.68	13.68	19.62	21.62

Ⓢ = CRITICAL DIMENSION
STANDARD TOLERANCES UNLESS NOTED:
ALL DECIMAL DIMENSIONS ± .005
ALL ANGLES ± 1°

DATE	NAME	PBV SERIES AUTOMATED BALL VALVE - TWO WAY PLASTIC	MATERIAL	
DWN BY				FINISH
CHKD				DWYER INSTRUMENTS, INC. MICHIGAN CITY, INDIANA 46360 U.S.A.
APPD				
NO.	CHANGES	BY/DATE	ACAD2002	
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