

GENERAL SPECIFICATION	
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PDS RANGE	
1	2
3	4
5	6
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9	10
11	12
13	14
15	16
17	18
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95	96
97	98
99	100

MODEL	ISO 5211	OUTPUT TORQUE (Nm)		OUTPUT TORQUE (lb-in)		SPRING END TORQUE (Nm)		SPRING END TORQUE (lb-in)		MAX STEM DIA (mm)	MAX STEM HEIGHT (mm)	OVER TRAVEL (Degree)
		MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX			
PDS-45	F05/F07	5	40	44	354	5	15	44	133	SQ-11x11	15	±5°
PDS-50	F05/F07	10	80	89	708	10	30	89	266	SQ-11x11	15	
PDS-55	F05/F07	15	110	133	974	12	40	106	354	SQ-17x17	20	
PDS-70	F05/F07	30	220	266	1947	25	80	221	708	SQ-17x17	20	
PDS-75	F07/F10	50	330	443	2921	35	120	310	1062	SQ-22x22	30	
PDS-85	F05/F07	60	410	531	3629	45	160	398	1416	SQ-17x17	25	
PDS-100	F07/F10	100	650	885	5753	75	260	664	2301	SQ-22x22	30	
PDS-125	F10/F12	180	1250	1593	11063	150	460	1328	4071	SQ-27x27	35	
PDS-160	F10/F14	360	2400	3186	21242	300	1000	2655	8851	SQ-36x36	60	
PDS-200	F12/F16	675	4600	5974	40713	550	2000	4868	17701	SQ-46x46	60	

CONFIGURATIONS	
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PD	DOUBLE ACTING-PNEUMATIC
PS	SPRING RETURN-PNEUMATIC
SR-FC	SPRING RETURN - FAIL CLOSE
SR-FO	SPRING RETURN - FAIL OPEN

OPERATING CONDITIONS	
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PRESURE RANGE	3.5 Bar to 8 Bar
MEDIA	INSTRUMENT AIR
TEMPERATURE RANGE - STANDARD	-20° C TO 80° C

COMPLIANCES	
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TORQUE BASE	MOUNTING DIMENSIONS AS PER ISO 5211
ACCESSORIES	LSB,SOV,Volume Booster,AFR & Positioners
TESTING	EN 15714-3-2009
INGRESS PROTECTION	IP-67
SAFETY	ATEX, SIL-3 & PED