



TESTING OF VALVE  
VALVE ( STANDARDS FOR BS 12266 PART-1 )

TYPE	PRESSURE (BAR)
HYDRO SHELL	78
HYDRO SEAT	58
PNEUMATIC SEAT	6.2

60° V-PORT CV CHART			
%	DN15	DN20	DN25
0%	0.00	0.00	0.00
10%	0.05	0.08	0.09
20%	0.28	0.35	0.68
30%	0.73	0.93	1.74
40%	1.11	1.46	2.78
50%	1.83	2.42	5.13
60%	2.92	3.85	8.00
70%	4.29	5.64	11.88
80%	7.00	9.21	18.71
90%	9.43	12.41	23.22
100%	12.78	16.28	32.84

SIZE	RATING	A	B	C	$\phi D$	$\phi E$	F	$\phi G$	H PCD	$\phi J$
DN15 (1/2")	#300	140	12.7	2	$\phi 35$	$\phi 95$	31.5	$\phi 16$	$\phi 66.7$	$\phi 13$
DN20 (3/4")	#300	152	14.3	2	$\phi 42.9$	$\phi 115$	40	$\phi 19$	$\phi 82.6$	$\phi 19$
DN25 (1")	#300	165	15.9	2	$\phi 50.8$	$\phi 125$	54.2	$\phi 19$	$\phi 88.9$	$\phi 25$

SR. NO.	ITEM DESCRIPTION	QTY.	MODEL / MATERIAL	MAKE
6	CABLE GLAND	02	1 x M20 x 1.5 & 1 x M16 x 1.5	LAPP KABEL
5	DIN/ISO 5211 PLATE	01	SS304	PEREGRINE
4	COUPLING	01	SS410	PEREGRINE
3	ACTUATOR MOUNTING STUD	02	M.S, NICKLE/CHROME PLATED	PEREGRINE
2	ELECTRIC ACTUATOR	01	ERQT 1530, 230VAC / 0(4)-20mA	PEREGRINE
1	FLANGED END V-PORT VALVE	01	ASTM A216 WCB/SS316/CFT /#300	PEREGRINE

**BILL OF MATERIAL**

NR	NEW RELEASE			DATE	SIGN.	
MOD.NO.	REF.	MODIFICATION			DATE	SIGN.
MATERIAL :		CLASSIFICATION OF CHARACTERISTICS		DRN.	21.06.2016	DJD
AS MENTIONED IN BOM		CRITICAL.....	● KEY INSTRUCTION.....▲	CHD.		
TREATMENT : -		MAJOR.....	● MINOR.....NONE	APPD.		
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		CUSTOMER'S NAME :		QTY. -	WT.(kg)-	
				SCALE :		
				NTS		
		TITLE:		DRG.No.		
		G. A. DRAWING OF CLASS 300 MOTORIZED 'V' PORT VALVE WITH FLANGED ENDS(300#)		164050E2230208		
		MODEL:		SIZE	A4 MOD.NO. NR	

