



# STRAIGHTWAY TAPER PLUG VALVES

CAST STEEL CLASS 2500  
VENTURI PATTERN  
RECTANGULAR PORT

Class	Max. CWP	Test Pressure	Pattern	Connections	Port	Materials		Operation
						Body & Cover	Plug	
2500	6170 Psi	Shell 9275 Psi Seat 6787 Psi	Straightway Venturi	Flanges R.F. or R.J. ASME B 16.5 Face to Face ASME B 16.10 Regular Pattern	Rectangular	Cast Steel ASTM A 216 Grade WCB Cover: EN 10025 S355J0 S355J2G3	Cast Iron ASTM A 126 Class B  Steel	Manual

	WRENCH TYPE 8 L	GEAR TYPE C	GEAR TYPE D
Plug	DN 1 1/2" - 3"	DN 1 1/2" - 12"	DN 3" - 12"
Cast Iron	5-AT 70194 N	5-AT 70194 C	5-AT 70194 D
Steel	5-AT 70197 N	5-AT 70197 C	5-AT 70197 D

DN	A	B	C	D	E	F	H	I	L	M	N	O	P	Q	R	V	V	Raised Face	Ring Joint
1 1/2"	53	96	137	170	32	36	150	101	128	181	47			29	203	384	387		
2"	85	128	155	187	32	36	150	101	138	195	65			38	235	451	454		
2 1/2"	86	164	191	234	42	50	150	101	157	195	71			48	267	508	514		
3"	103	164	194	237	42	50	200	101	230	268	85	46	352	57	305	578	584		
4"	122	193	223	273	47	55	200	101	256	268	85	46	379	73	356	673	683		
6"	146	280					300	101	313	293	95	70	435	111	483	914	927		
8"	203	313					300	101	398	361	135	69	532	146	553	1022	1038		
10"	229	318					300	101	452	400	160	108	586	184	673	1270	1292		
12"	264	461					350	101	525	423	175	130	659	219	762	1422	1445		