



# STRAIGHTWAY TAPER PLUG VALVES

CAST STEEL CLASS 150  
VENTURI PATTERN  
RECTANGULAR PORT

Class	Max. CWP	Test Pressure	Pattern	Connections	Port	Materials		Operation
						Body & Cover	Plug	
150	285 Psi	Shell 450 Psi Seat 315 Psi	Straightway Venturi	Flanges R.F. or R.J. ASME B 16.5 Face to Face ASME B 16.10	Rectangular	Cast Steel ASTM A 216 Grade WCB Cover: EN 10025 S355J0 S355J2G3	Cast Iron ASTM A 126 Class B	Manual
							Steel	

	WRENCH TYPE 8 K	GEAR TYPE C	GEAR TYPE D
Plug	DN 1 1/2" - 4"	DN 1 1/2" - 36"	DN 8" - 36"
Cast Iron	5-AT 70124 N	5-AT 70124 C	5-AT 70124 D
Steel	5-AT 70127 N	5-AT 70127 C	5-AT 70127 D

DN	A	B	C	D	E	F	H	I	L	M	N	O	P	Q	R	V	V
1 1/2"	44	97	128	160	24	30	45	16	101	104	32			38	127	*165	*178
2"	60	102	144	176	24	30	150	101	137	181	47			51	152	178	191
2 1/2"	76	115	171	214	32	36	150	101	155	181	47			64	178	*210	*222
3"	69	119	192	248	42	50	150	101	163	181	47			76	191	203	216
4"	92	164	224	274	47	55	150	101	192	195	65			102	229	229	241
6"	106	179					150	101	222	195	71			152	279	394	406
8"	145	232					200	101	338	268	85	46	461	203	343	457	470
10"	146	245					200	101	370	268	85	46	493	254	406	533	546
12"	170	270					300	101	406	293	95	70	530	305	483	610	622
14"	174	313					300	101	430	293	95	70	554	337	533	686	699
16"	193	347					300	101	520	361	135	69	654	387	597	762	775
18"	220	340					300	101	590	400	160	108	724	438	635	864	876
20"	245	385					300	101	617	400	160	108	751	489	699	914	927
24"	280	460					350	101	700	423	175	130	834	541	813	1067	1080
30"	350	590					350	101	827	483	196	192	965	*743	*984	*1295	*1308
36"	425	625					350	101	839	501	200	210	973	*895	*1168	*1600	*1613

Note: \* Not included in the standards.