



STRAIGHTWAY TAPER PLUG VALVES

CAST STEEL CLASS 300
VENTURI PATTERN
RECTANGULAR PORT

Class	Max. CWP	Test Pressure	Pattern	Connections	Port	Materials		Operation
						Body & Cover	Plug	
300	740 Psi	Shell 1125 Psi Seat 815 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 Steel	Manual

	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 70144 N	5-AT 70144 C	5-AT 70144 D
Steel	5-AT 70147 N	5-AT 70147 C	5-AT 70147 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	155	*191	*203
2"	60	102	144	176	24	30	150	101	137	181	47			51	165	216	232
2 1/2"	71	115	171	214	32	36	150	101	155	181	47			64	191	241	257
3"	69	119	192	248	42	50	150	101	163	181	47			76	210	283	299
4"	98	160	211	265	42	50	150	101	181	195	65			102	254	305	321
6"	106	179					150	101	222	195	71			152	318	403	419
8"	145	232					200	101	338	268	85	46	461	203	381	419	435
10"	146	245					200	101	370	268	85	46	493	254	445	457	473
12"	170	270					300	101	406	293	95	70	530	305	521	502	518
14"	174	313					300	101	430	293	95	70	554	337	584	762	778
16"	193	347					300	101	520	361	135	69	654	387	648	838	854
18"	220	340					300	101	590	400	160	108	724	432	711	914	930
20"	245	385					300	101	617	400	160	108	751	483	775	991	1010
24"	280	460					350	101	700	423	175	130	834	584	914	1143	1165
30"	350	590					350	101	827	483	196	192	965	*737	*1092	1397	1422
36"	425	625					350	101	839	501	200	210	973	*889	*1270	1727	1756

Note: * Not included in the standards.