



# STRAIGHTWAY TAPER PLUG VALVES

CAST STEEL CLASS 900  
VENTURI PATTERN  
RECTANGULAR PORT

Class	Max. CWP	Test Pressure	Pattern	Connections	Port	Materials		Operation
						Body & Cover	Plug	
900	2220 Psi	Shell 3350 Psi Seat 2442 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 L	GEAR TYPE C	GEAR TYPE D
Plug	DN 1 1/2" - 4"	DN 1 1/2" - 24"	DN 4" - 24"
Cast Iron	5-AT 70174 N	5-AT 70174 C	5-AT 70174 D
Steel	5-AT 70177 N	5-AT 70177 C	5-AT 70177 D

DN	A	B	C	D	E	F	H	I	L	M	N	O	P	Q	R	V	V
1 1/2"	64	104	130	162	24	30	150	101	122	181	47			35	178	*305	*305
2"	64	115	145	177	24	30	150	101	137	181	47			48	216	*368	*371
2 1/2"	85	149	186	229	42	50	150	101	158	195	71			57	245	*419	*422
3"	95	169	202	245	42	50	150	101	173	195	71			73	241	*381	*384
4"	100	173	225	275	47	55	200	101	258	268	85			98	292	457	460
6"	114	211					200	101	302	268	85	46	424	146	381	610	613
8"	145	284					300	101	350	293	95	70	473	191	470	737	740
10"	157	290					300	101	435	361	135	69	569	238	546	838	841
12"	184	331					300	101	504	400	160	108	638	283	610	965	968
14"	192	353					300	101	510	400	160	108	644	311	641	*1029	*1038
16"	223	384					350	101	584	423	175	130	718	356	705	1130	1140
18"	238	407					350	101	597	423	175	130	731	400	787	*1219	*1232
20"	273	471					350	101	638	460	176	168	772	445	857	1321	1334
24"	310	535					350	101	760	483	196	192	894	533	1041	*1549	*1569

Note: \* Not included in the standards.