



STRAIGHTWAY TAPER PLUG VALVES

CAST STEEL CLASS 900
REGULAR 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 Regular	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" - 3"	DN 1 1/2" - 20"	DN 4" - 20"
Cast Iron	5-AV 70174 N	5-AV 70174 C	5-AV 70174 D
Steel	5-AV 70177 N	5-AV 70177 C	5-AV 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	188	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	244	419	422
3"	95	164	204	256	42	50	150	101	173	195	71			73	241	381	384
4"	105	170	239	329	47	55	200	101	260	268	85	46	383	98	292	*457	*460
6"	150	215					300	101	336	293	95	70	460	146	381	610	613
8"	178	277					300	101	437	361	135	69	571	191	470	737	740
10"	217	325					300	101	467	400	160	108	601	238	546	838	841
12"	250	353					350	101	544	423	175	130	678	282	610	965	968
14"	278	378					350	101	568	423	175	130	702	311	641	*1029	*1038
16"	302	422					350	101	608	460	176	168	742	356	705	*1130	*1140
18"	341	490					450	101	676	501	200	210	810	400	787	*1219	*1232
20"	404	600					450	101	721	568	246	279	855	445	857	*1321	*1334

Note: * Not included in the standards.