



STRAIGHTWAY TAPER PLUG VALVES

CAST STEEL CLASS 300
REGULAR 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 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 100254 S355 J0 S355 J2G3	Cast Iron ASTM A 126 Class B Steel	Manual

	WRENCH TYPE 8 K	GEAR TYPE C	GEAR TYPE D
Plug	DN 1 1/2" - 6"	DN 1 1/2" - 24"	DN 6" - 24"
Cast Iron	5-AV 70144 N	5-AV 70144 C	5-AV 70144 D
Steel	5-AV 70147 N	5-AV 70147 C	5-AV 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	167	24	30	45	16	101	104	32			38	156	*191	*203
2"	60	102	148	188	24	30	150	101	137	181	47			51	165	*216	*232
2 1/2"	76	115	171	224	32	36	150	101	155	181	47			64	191	*241	*257
3"	83	148	196	252	42	50	150	101	168	181	47			76	210	*283	*298
4"	98	160	211	265	42	50	150	101	181	195	65			102	254	*305	*321
6"	136	183	294	357	51	65	200	101	315	268	85	46	438	152	318	403	419
8"	151	249					200	101	358	268	85	46	481	203	381	502	517
10"	196	265					300	101	395	293	95	70	519	254	445	568	584
12"	233	299					300	101	500	293	95	70	624	305	521	711	727
14"	264	361					300	101	570	361	135	69	704	337	584	762	778
16"	289	416					300	101	626	400	160	108	760	387	648	838	854
18"	305	440					350	101	642	423	175	130	776	432	711	914	930
20"	338	468					350	101	697	460	176	168	831	483	775	991	1010
24"	414	608					350	101	878	483	196	192	1012	584	914	1143	1165

Note: * Not included in the standards.