



TGW SERIES

203-1



Designed for high pressure applicaitons.
 Poppet Valve closing system.
 BSP, NPTF threads and other upon request.

• **Materials**

Carbon Steel *EN -10277-3*, *AISI 316* and *AISI 303*

Seals: NBR, Viton or EPDM

Back-up-ring: PTFE

Springs: *Carbon Steel DIN 17233/84(B)*

• **Working temperature (Seals)**

	NBR	Viton	EPDM
	+100°C	+200°C	+150°C
	-30°C	-10°C	-40°C

• **Applications:** Designed for Oil hydraulic Applications according to European Directive 97.23.EC Special for American market

• **Equivalence**

GROMELLE 6000
 TUTHILL 6000

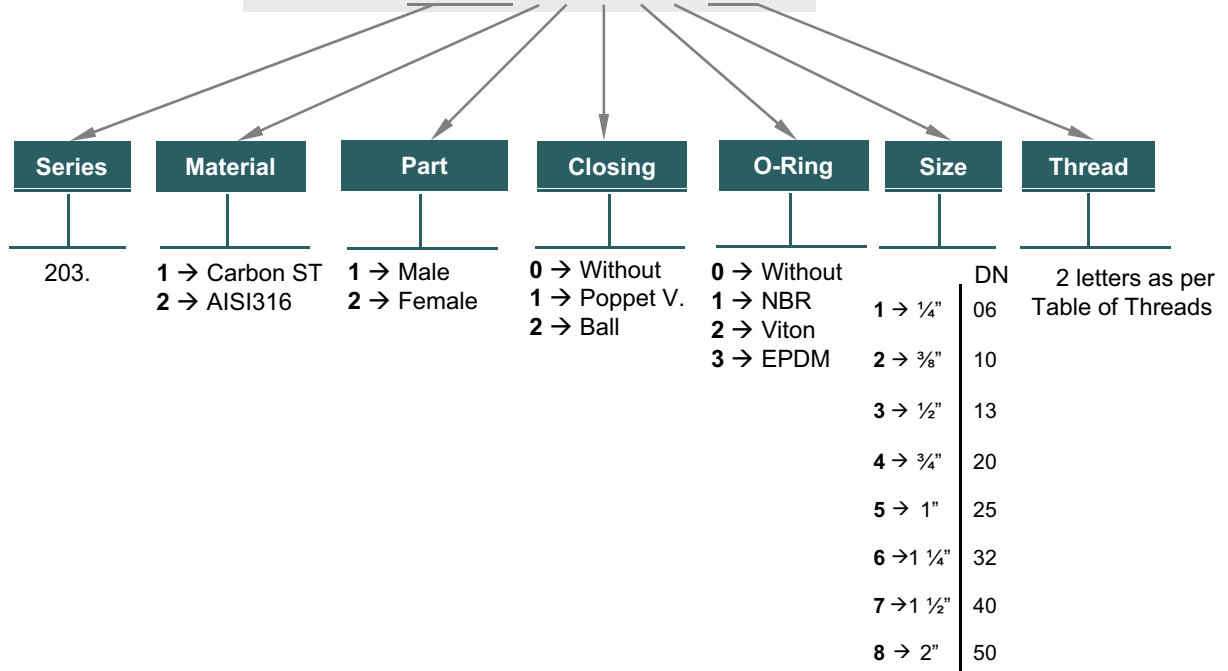
• **Sectors:** Industrial



MODEL STRUCTURE

Example;

203.11115 AF



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TGW SERIES



MALE					
DN	E/C	C	ØF	ØG	L
06	19	36	14,90	M27x1,5	72
10	22	40,50	18,95	M30x1,5	81
13	27	46	22	M35x1,5	92
20	35	56	28,95	M45x1,5	112
25	41	63	36	M54x1,5	126
32	58	75	49,80	M70x2	150
40	61	83,50	55	M78x2	167
50	71	118	69,40	M92x2	237

STANDARD MODELS				
DN	ØA	MALE	FEMALE	
06	1/4" BSP	203.11111AB	203.12111AB	950Bar
	1/4" NPTF	203.11111BB	203.12111BB	
10	3/8" BSP	203.11112AC	203.12112AC	750Bar
	3/8" NPTF	203.11112BC	203.12112BC	
13	1/2" BSP	203.11113AD	203.12113AD	650Bar
	1/2" NPTF	203.11113BD	203.12113BD	
20	3/4" BSP	203.11114AE	203.12114AE	450Bar
	3/4" NPTF	203.11114BE	203.12114BE	
25	1" BSP	203.11115AF	203.12115AF	300Bar
	1" NPTF	203.11115BF	203.12115BF	
32	1 1/4" BSP	203.11116AG	203.12116AG	
	1 1/4" NPTF	203.11116BG	203.12116BG	
40	1 1/2" BSP	203.11117AH	203.12117AH	
	1 1/2" NPTF	203.11117BH	203.12117BH	
50	2" BSP	203.11118AI	203.12118AI	
	2" NPTF	203.11118BI	203.12118BI	

FEMALE				
DN	E/C	B	CH1	L
06	19	59	32	72
10	22	67	36	81
13	27	73,50	41	92
20	35	89,50	50	112
25	41	105,50	65	126
32	58	130,50	80	150
40	61	143,50	85	167
50	71	203,50	105	237



TGW SERIES

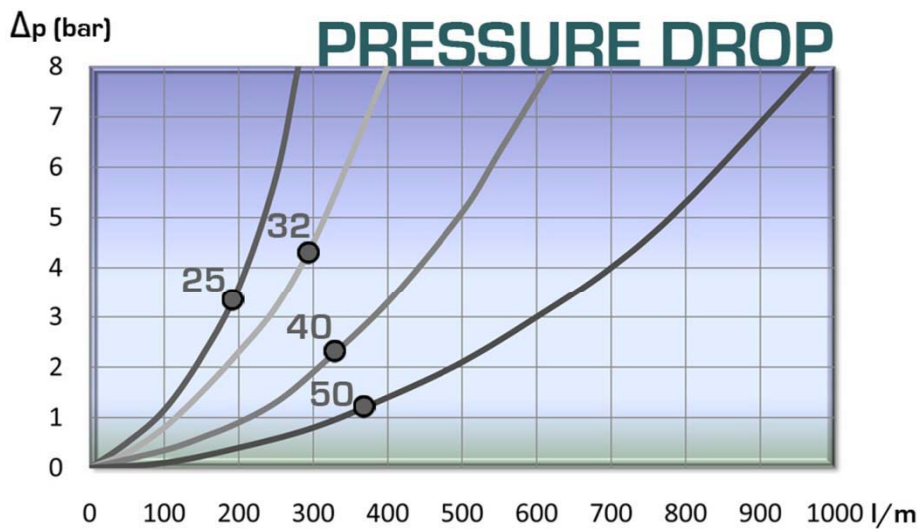
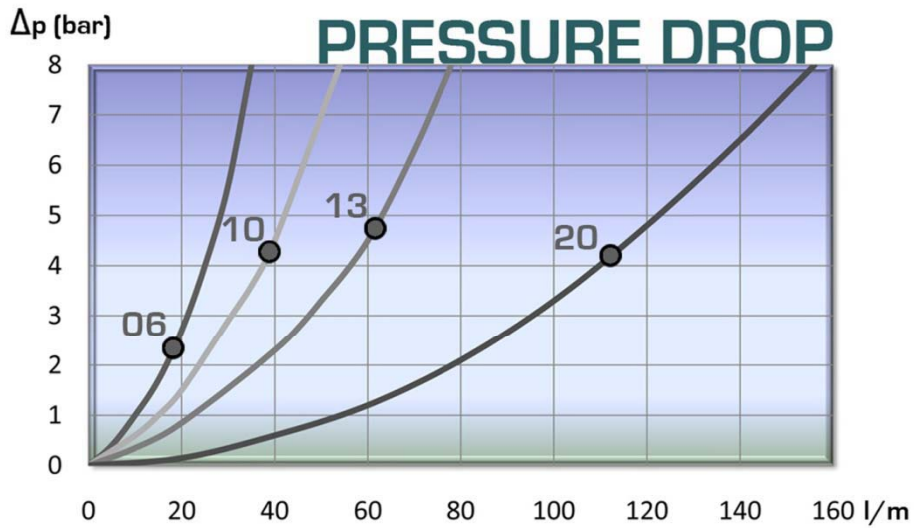
203-3



TECHNICAL DATA

DN	Rated Flow	Min Burst Pressure (bar)			Max. Working Pressure
		Male	Female	Coupled	
06	18 l/m	3650	3500	3800	950 bar
10	38 l/m	3000	2900	3000	750 bar
13	62 l/m	2950	3000	3000	750 bar
20	116 l/m	2520	2500	2600	650 bar
25	194 l/m	1800	1650	1800	450 bar
32	290 l/m	1700	1650	1800	450 bar
40	318 l/m	1100	1250	1200	300 bar
50	365 l/m	1100	1100	1200	300 bar

* Safety factor 1:4
Carbon Steel Models





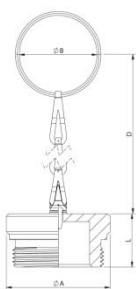
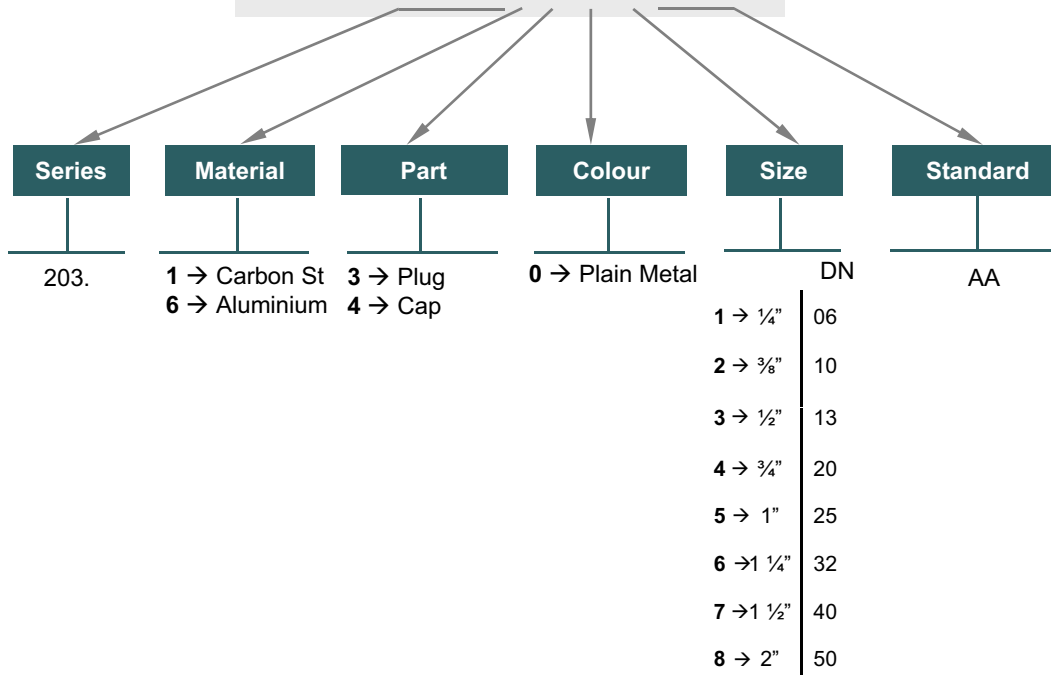
TGW SERIES PLUGS & CAPS

TGW SERIES PLUGS, CAPS and have been designed to protect FEMALE (coupler) or MALE (nipple) parts while they are disconnected.

MODEL STRUCTURE

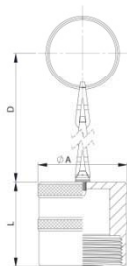
Example;

203.1404 AA



PLUG

DN	REF.	ØA	L	ØB
06	203.1301AA	32	18,50	25
10	203.1302AA	35	20,50	30
13	203.1303AA	40	20,50	30
20	203.1304AA	50	25,50	42
25	203.1305AA	60	27	50
32	203.1306AA	75	39	50
40	203.1307AA	85	41	50
50	203.1308AA	99	43	50



CAP

DN	REF.	ØA	L	ØB
06	203.1401AA	32	30	25
10	203.1402AA	35	37	30
13	203.1403AA	40	38	30
20	203.1404AA	50	46	42
25	203.1405AA	60	55	50
32	203.1406AA	75	77	50
40	203.1407AA	85	74	50
50	203.1408AA	100	121	50