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SCREW COUPLINGS



MANAGEMENT SYSTEM CERTIFICATE

Número de certificado:/Certificate No.:
282929-2019-AQ-IBE-ENAC

Fecha Inicial de Certificación:/Initial date:
22 febrero 2016

Validez:/Valid:
19 febrero 2019 - 19 febrero 2022

Se certifica que el sistema de gestión de/This is to certify that the management system of

INDUSTRIAS TECNICAS DE VALVULERIA,SA

C/ Berguedà,14-16 (Esq.Empordà), Pol. Ind. Can Bernardes - Subirà, 08130, Santa Perpetua de Mogoda, Barcelona, Spain

es conforme a la Norma del Sistema de Gestión de Calidad/
has been found to conform to the Quality Management System standard:

ISO 9001:2015

Este certificado es válido
para el siguiente campo de aplicación:

**Diseño, fabricación y comercialización de
acoples rápidos, válvulas antirretorno y
válvulas de cierre esférico.**

This certificate is valid
for the following scope:

**Design, manufacture and sales of quick
couplings, check valves and ball valves.**

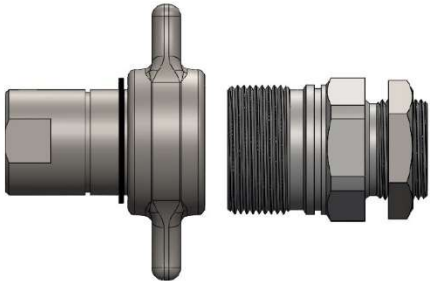
Lugar y fecha/Place and date:
Barcelona, 19 febrero 2019



Oficina de emisión/
For the Certification Body
DNV GL – Business Assurance
Gran Vía de les Corts Catalanes, 130-
136, Pl. 9 08038 Barcelona, Spain


Ana del Rio Salgado
Representante de la dirección/
Management Representative

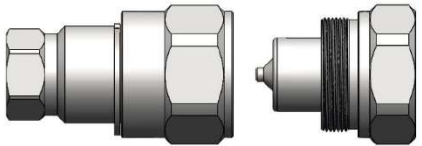
201 VCR Series



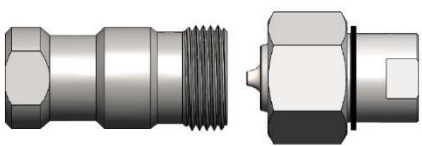
202 HPA Series



203 TGW Series



204 AEV Series



205 STG Series



206 SRK Series



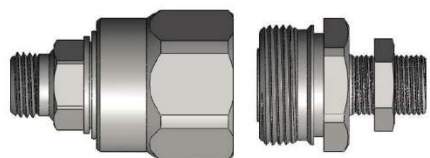
207 CAT Series



231..... VPR Series



122 AGR Series



INDEX

SCREW COUPLINGS





DIRECTIONS FOR USE

CPR Flat Face



WARNINGS!

❌ **Avoid contaminating the system.** In this way, we avoid the waste inclusion that can damage the sealing elements. Contaminating the hydraulic fluid that leads to leakages and malfunctions.



If dirt enters in **Zone 1**, **internal sealing components can be damaged** (O-Ring, Back-up Ring)



Dirt is the main cause of a malfunction on this part of the coupling.



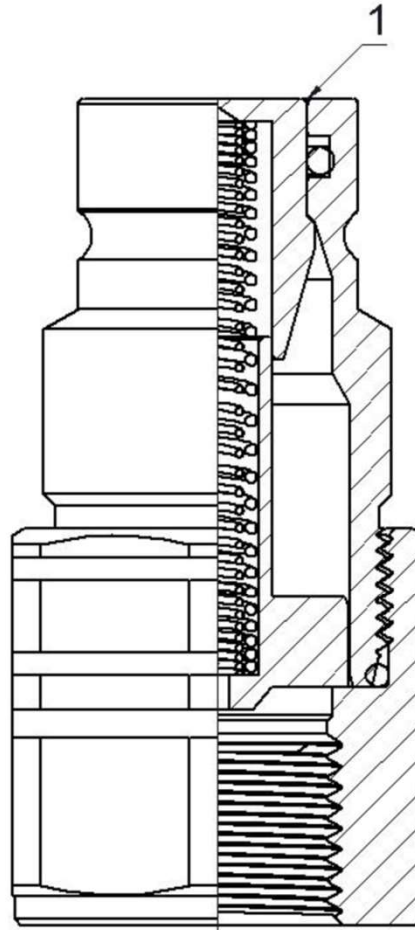
Recommendations...

- ✅ Before installing, **clean-up the hoses and pipes.**
- ✅ Before connecting: **clean-up** carefully the flat faces either on male and female coupling.
- ✅ While disconnecting: never leave the couplings on the ground, use **our dust caps/plugs** to protect from contaminating and external damages.
- ❌ **Do not damage the flat side of the male coupling, Zone 1.** This can lead to damages on internal sealing components of the female half while connecting both parts.
- ❌ **Do not overload the coupling.** Fix the hoses by flexible supports.
- ❌ **Avoid rotations** between both couplings male and female.



While connected it is difficult to detect leakages!

If the **sealing components** (O-Ring, Back-up Ring) of the male coupling are damaged, **in most of the cases the leakage cannot be detected.** While connecting, the damaged seal is exposed and leakages appear on the sleeves of the female coupling. Generally the female coupling as an individual element isn't damaged.



Do never use a SCREWDRIVER for moving the flat valves back, forcing the opening of these and relieve the residual pressure trapped in the circuit, running the risk to **damage the seals by sliding on the smooth surface on the flat front.**

V160421



DIRECTIONS FOR USE

CPR Flat Face



WARNINGS!

⚠ **Avoid contaminating the system.** In this way, we avoid the waste inclusion that can damage the sealing elements. Contaminating the hydraulic fluid that leads to leakages and malfunctions.



If dirt enters in Zone 1, 2 or 3, following failures can appear:

1. **Male half and female half cannot be engaged.**
2. **Dirt can damage internal component 4.** When connected, female leaks.
3. **If dirt enters in Zone 5 it can affect the back movement of the sleeve what leads to an inappropriate connection between both halves.**
4. **Ensure pulling the sleeve totally down for a safety disconnection.**

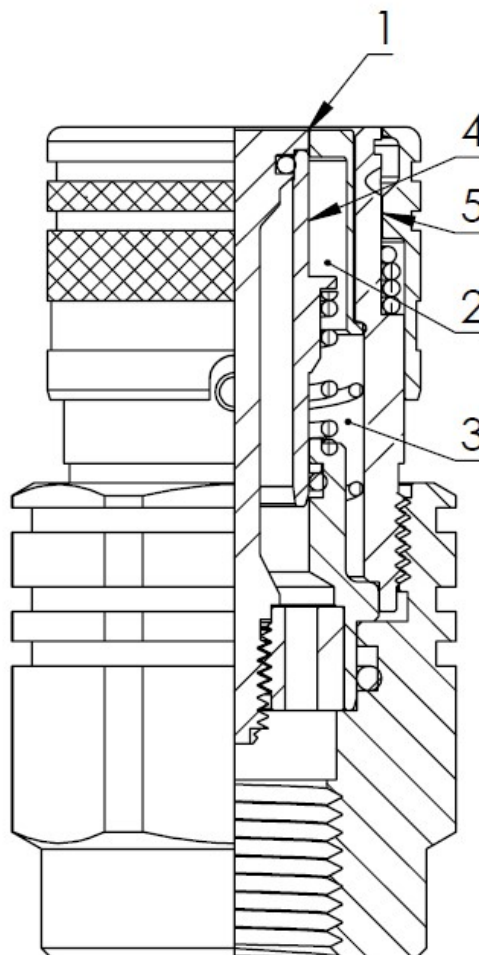


Dirt is the main cause of a malfunction on this part of the coupling.



Recommendations...

- ✓ Before installing, **clean-up the hoses and pipes.**
- ✓ Before connecting: **clean-up** carefully the flat faces either on male and female coupling.
- ✓ While disconnecting: never leave the couplings on the ground, use **our dust caps/plugs** to protect from contaminating and external damages.



Decompression...

If female coupling is pressurized and pressure cannot be relieved by a control unit, the decompression of the female coupling is not possible.

V160421





122 SERIES

AGR

DIN 2353
DIN3852 / BSP

Designed to connect hydraulic systems of tractor and trailer.
BSP, DIN3852, SAE/ORB thread, other available upon request

• Materials

Carbon Steel EN 10277-3
O-ring: NBR, Viton or EPDM
Balls: AISI 316W 14401
Springs: Carbon Steel DIN 17233/84(B)

• Working temperature (O-ring)

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

• **Applications:** Designed to connect hydraulic systems of a tractor and a trailer. Designed for Oil hydraulic.

• **Sectors:** Agricultural



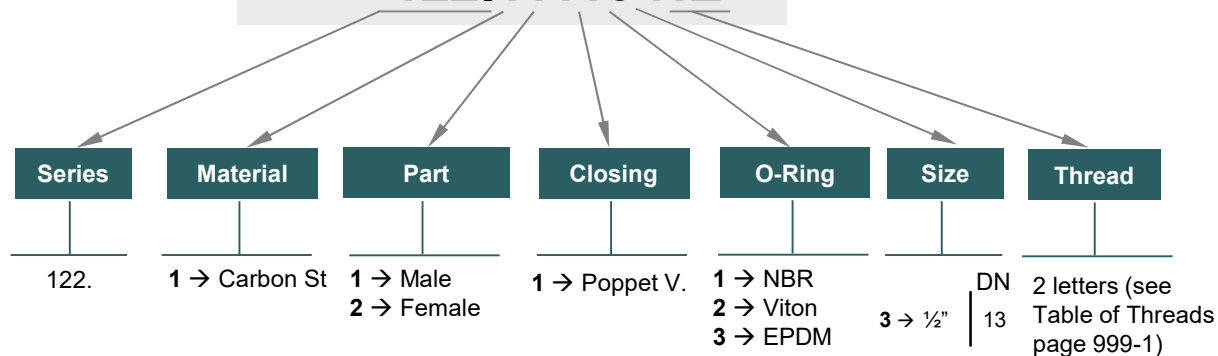
• Equivalence

GROMELLE K-8000

MODEL STRUCTURE

Example:

122.11113 NE



122-1



122 SERIES

AGR

DIN 2353
DIN3852 / BSP

• Manufactured according to ISO 5676 / ISO/TC23 NFU 16006 norms.

MALE										
DN	ØA	ØT	CH1	CH2	C	ØA2	E	L	REF.	
13	M18x1,5	12L	36	24	50,50	36	23	*	122.11113JE	
	M20x1,5	Ø13,5		27					122.11113KFA	
	M22x1,5	15L							122.11113JG	

• The nut is included in the Bulkhead version

MALE										
DN	ØA		CH1	C	ØA2	E	L	REF.		
13	½" BSP M		36	42,50	M36x2	15	*	122.11113AO	250Bar	

MALE										
DN	ØA		CH1	CH2	C	ØA2	L	REF.		
13	½" BSP H		36	30	54	M36x2	*	122.11113AD	250Bar	

FEMALE											
DN	ØA	CH2	CH4	B	L	REF.					
13	M18x1,5	24	41	58,50	*	122.12113NE	250Bar				

• The METAL PARKING is included in all female parts.

FEMALE											
DN	ØA	CH2	CH4	B	L	REF.					
13	½" BSP M	24	41	42,50	*	122.12113AOA	250Bar				
	Without 60° cone										

• The METAL PARKING is included in all female parts.

SPECIAL OPTIONS:

Male with plastic cap
120.5433AC included,
add to base code 010.
(Min. quantity: 250units)

122-2

INTEVA reserves the right to make modifications in its products without prior notice.
Any external or internal alteration in our products will automatically void the warranty.

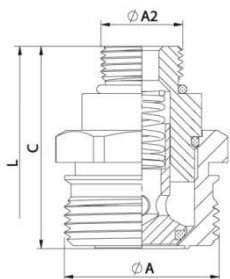




122 SERIES

AGR

DIN 2353
SAE/ORB



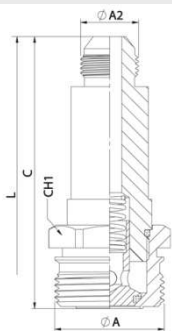
MALE

DN	ØA2	CH1	C	ØA	L	REF.	
13	3/4 "-16UNF M Without 37° cone	36	47	M36x2	*	122.11113HFA	250Bar



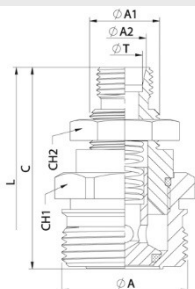
SPECIAL OPTIONS:

Male with plastic cap
120.5433AC included,
add to base code 010.
(Min. quantity: 250units)



MALE

DN	ØA2	CH1	C	ØA	L	REF.	
13	3/4 "-16UNF M Prolonged	36	89,50	M36x2	*	122.11113GFA	250Bar

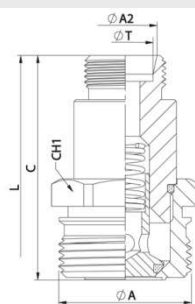


MALE

DN	ØA1	ØA2	ØT	CH1	CH2	C	ØA	L	REF.	
13	M16x1,5	M20x1,5	10L	36	27	53,50	M36x2	*	122.11113JDA	250Bar



• The nut is included in the Bulkhead version

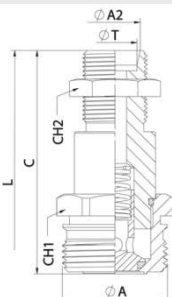


MALE

DN	ØA2	ØT	CH1	C	ØA	L	REF.	
13	M22x1,5 Prolonged	10L	36	61	M36x2	*	122.11113JGA	250Bar



• The nut is included in the Bulkhead version



MALE

DN	ØA2	ØT	CH1	CH2	C	ØA	L	REF.	
13	M16x1,5 Prolonged Bulkhead	10L	36	27	77	M36x2	*	122.11113LGA	250Bar



• The nut is included in the Bulkhead version

122-3



122 SERIES

AGR CAPS

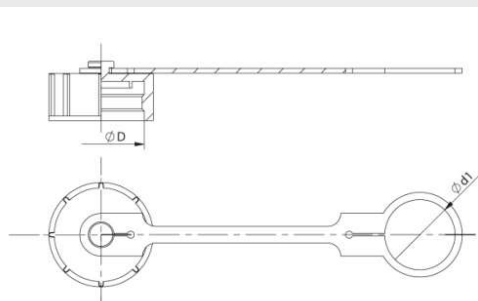
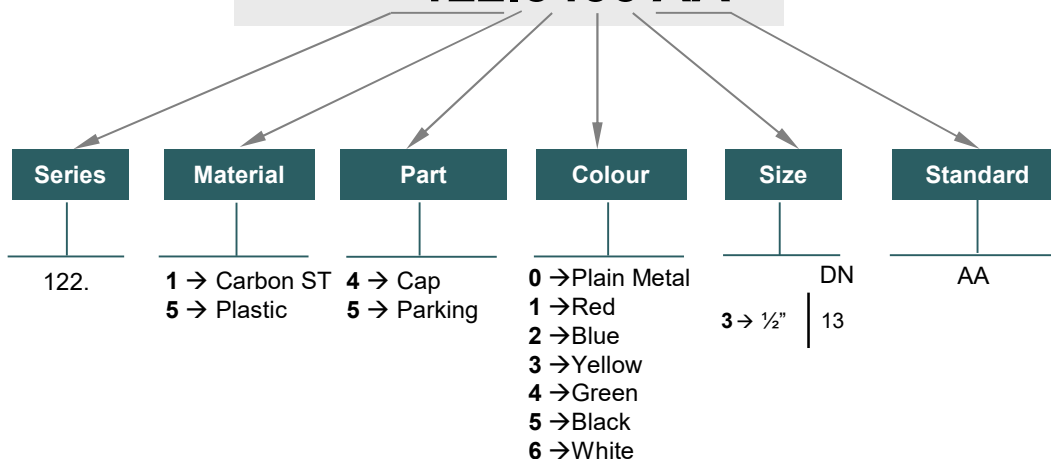
AGR SERIES CAPS have been designed to protect FEMALE parts during disconnection.

MODEL STRUCTURE

For caps and parking parts

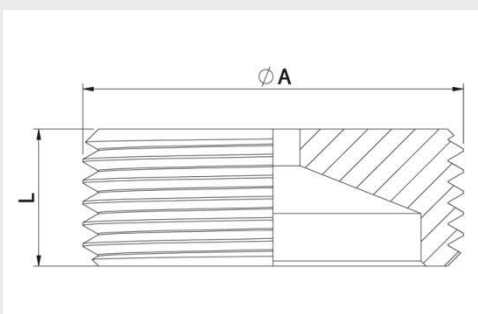
Example:

122.5433 AA



DN	REF.	ØD	ØD1
13	122.5433AA	M36x2	30

Standard in yellow



DN	REF.	L	ØA
13	122.5533AA	17	29,80



201 SERIES VCR



Designed for elevation systems on trucks.
Reduced drop pressure.
Poppet Valve closing system.

- **Materials**

Carbon Steel EN10277-3

O-ring: NBR, Viton or EPDM

Springs: Carbon Steel DIN 17233/84(B)

- **Working temperature (O-ring)**

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

- **Applications:** Designed for Oil hydraulic Applications
Hammer Application

- **Equivalence:** FASTER CVE
EDBRO

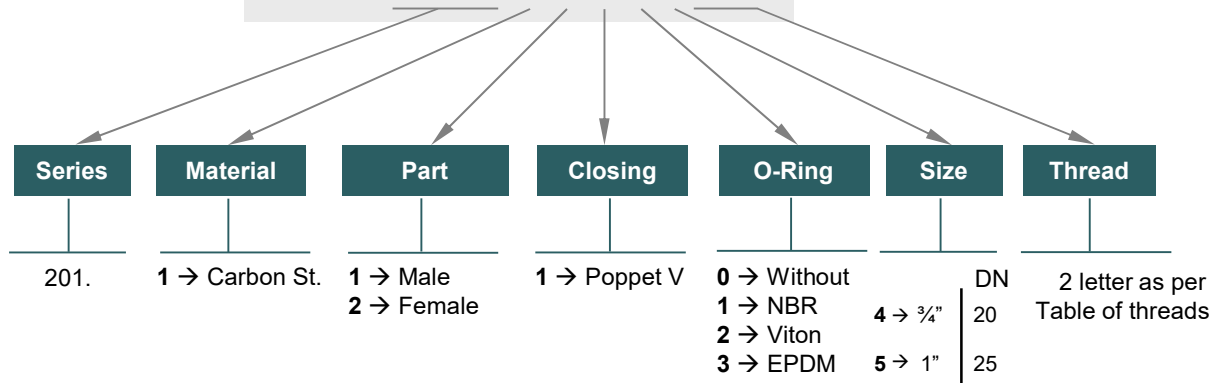
- **Sectors:** Industrial



MODEL STRUCTURE

Example:

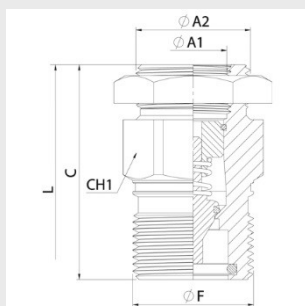
201.11114 AE



201-1

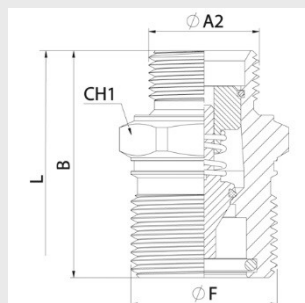


201 SERIES VCR



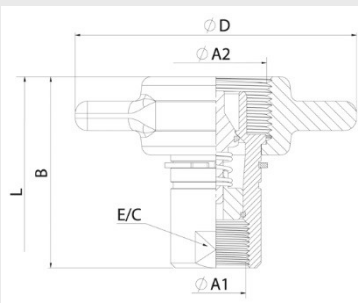
MALE

DN	ØA1	ØA2	CH1	C	ØF	L	REF.	
20	3/4" BSP	1 1/4"	46	78	44	138	201.11114AE	350 Bar
25	1" BSP	BSP	55	83	53,60	148	201.11115AF	300 Bar



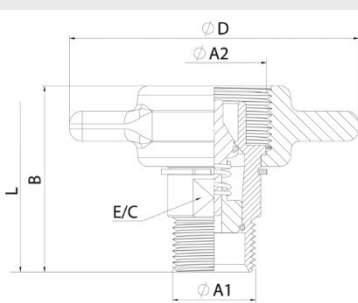
MALE

DN	ØA2	CH1	B	ØF	L	REF.	
20	1" BSP	46	68	44	118,50	201.11114AQ	350 Bar



FEMALE

DN	ØA1	ØA2	E/C	B	ØD	L	REF.	
20	3/4" BSP	41,50	33	78	115	138	201.12114AE	350 Bar
25	1" BSP	51	40	83	115	148	201.12115AF	300 Bar



FEMALE

DN	ØA1	E/C	ØA2	B	ØD	L	REF.	
20	1" BSP	33	41,50	74	115	118,50	201.12114AQ	350 Bar



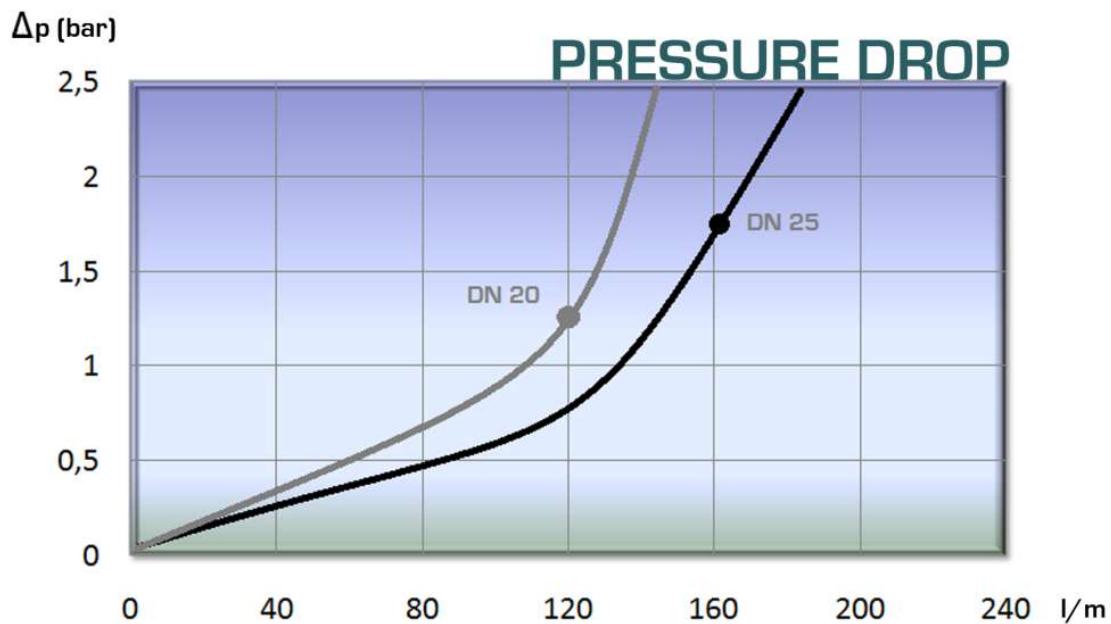
201 SERIES VCR



TECHNICAL DATA

DN	Rated Flow	Min Burst Pressure (bar)			Max. Working Pressure
		Male	Female	Coupled	
20	120 l/m	1100	1300	1325	350 bar
25	160 l/m	1200	900	1325	300 bar

Test performed according to ISO 18869





201 SERIES VCR

PLUGS &
CAPS

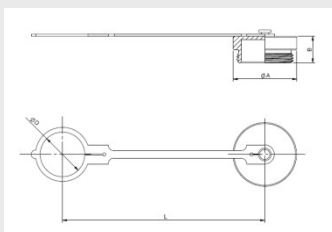
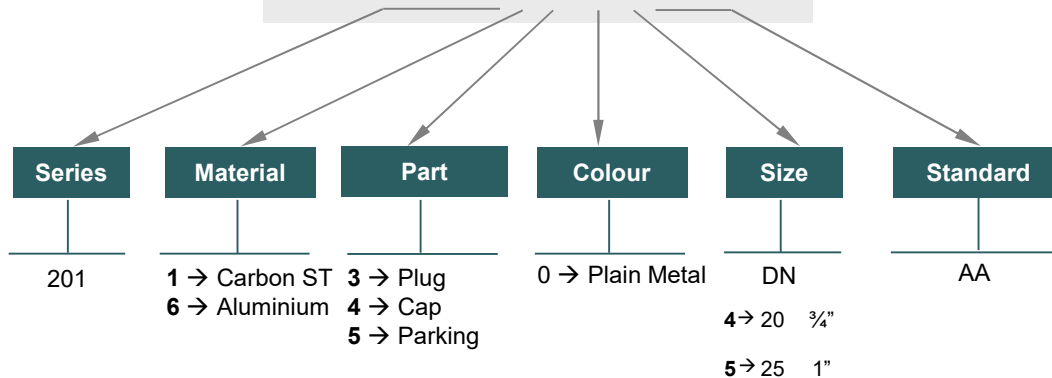
INTEVA

MODEL STRUCTURE

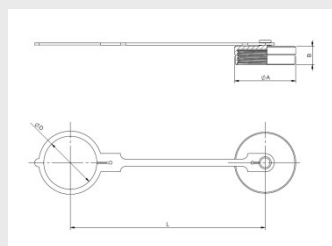
For plugs/caps and parking parts

Example:

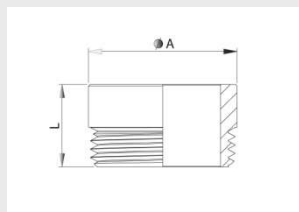
201.6304 AA



DN	REF.	ØA	L	B	ØD
20	201.6304AA	50	200	25	37,5
25	201.6305AA	60	191	25	42



DN	REF.	ØA	L	B	ØD
20	201.6404AA	48	191	13	42
25	201.6405AA	60	191	18	52



DN	REF.	ØA	L
20	201.1504AA	45	25
25	201.1505AA	55	25

201-4



202 SERIES HPA

Manufactured according to the standard ISO 14540.
Designed for cylinders, hand pumps and similar high hydraulic applications.
Ball or Poppet valve closing system available.
NPTF Threads. Other threads upon request.

• Materials

	CARBON STEEL	STAINLESS STEEL
Body	Carbon Steel EN-10277-3	AISI 316L
O-ring	NBR, Viton or EPDM	NBR, Viton or EPDM
Balls	AISI 1010/1015	AISI 1010/1015
Springs	Carbon Steel DIN 17233/84(B)	AISI302 DIN 17224

• Working temperature (O-ring)

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

• Applications: Designed for Oil hydraulic Applications

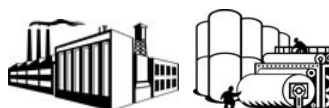
• Equivalence:

ENERPAC C-604

CEJN 230

PARKER 3000

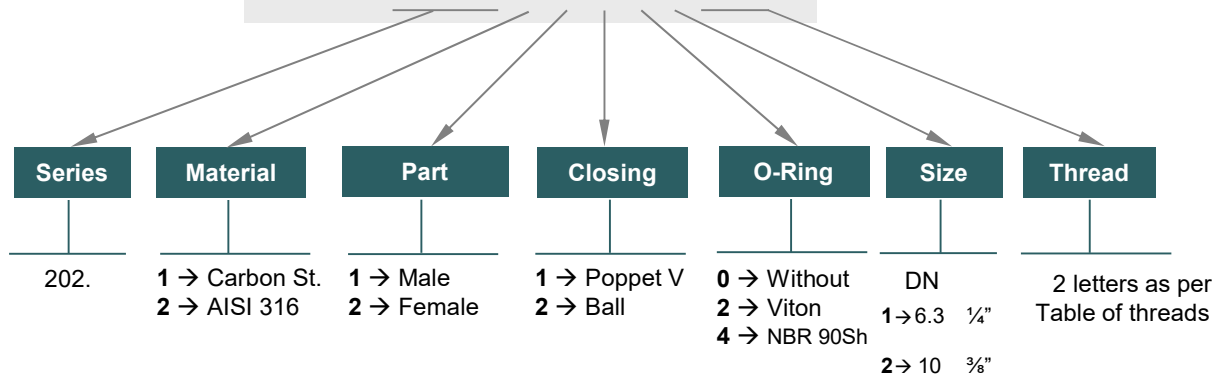
• Sectors: Industrial



MODEL STRUCTURE

Example:

202. 12242 BN



202-1

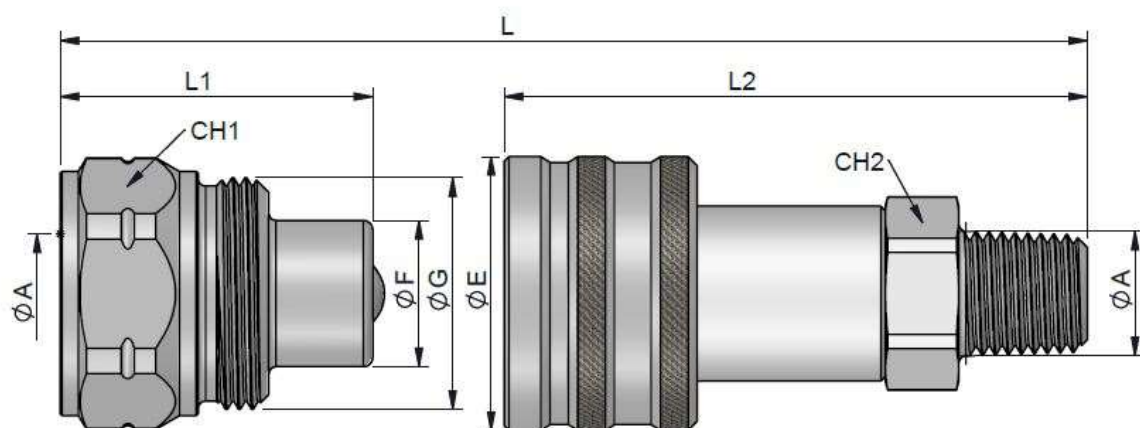


202 SERIES

HPA BALL VALVE



DN6.3



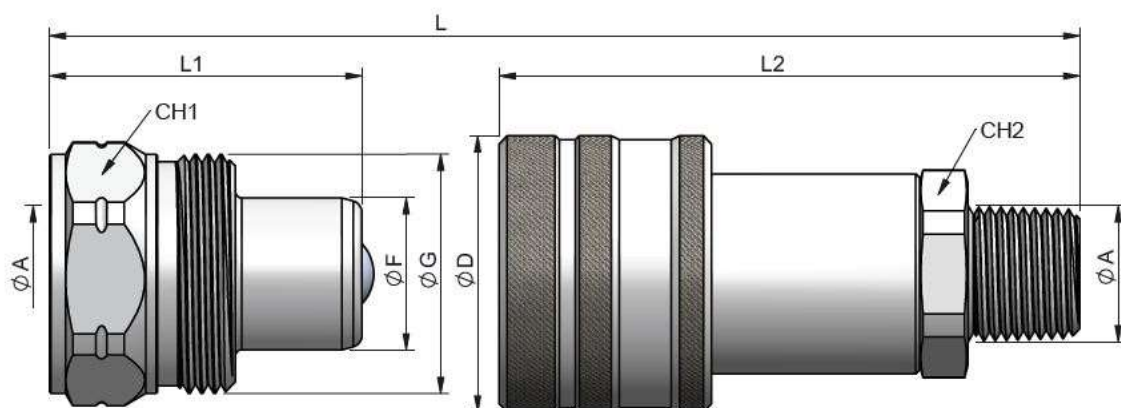
MALE STANDARD MODELS

DN	ØA	REF.		CH1	ØG	L1	ØF	L
6.3	1/4" NPTF	202.11201BB	700Bar	27	1" UN	34	15.90	78.5
	1/4" NPTF	202.21201BB						

FEMALE STANDARD MODELS

DN	ØA	REF.		CH2	L2	ØD	L
6.3	1/4" NPTF M.	202.12241BM	700Bar	19	63.5	29.8	78.5
	1/4" NPTF M.	202.22221BM					

DN10



MALE STANDARD MODELS

DN	ØA	REF.		CH1	ØG	L1	ØF	L
10	3/8" NPTF	202.11202BC	700Bar	30	1 3/16" UN	39	19	87.27
	3/8" NPTF	202.21202BC						

FEMALE STANDARD MODELS

DN	ØA	REF.		CH2	L2	ØD	L
10	3/8" NPTF M.	202.12242BN	700Bar	24	72.5	34.5	87.27
	3/8" NPTF M.	202.22222BN					

L = lenght while quick coupling is connected.

202-2



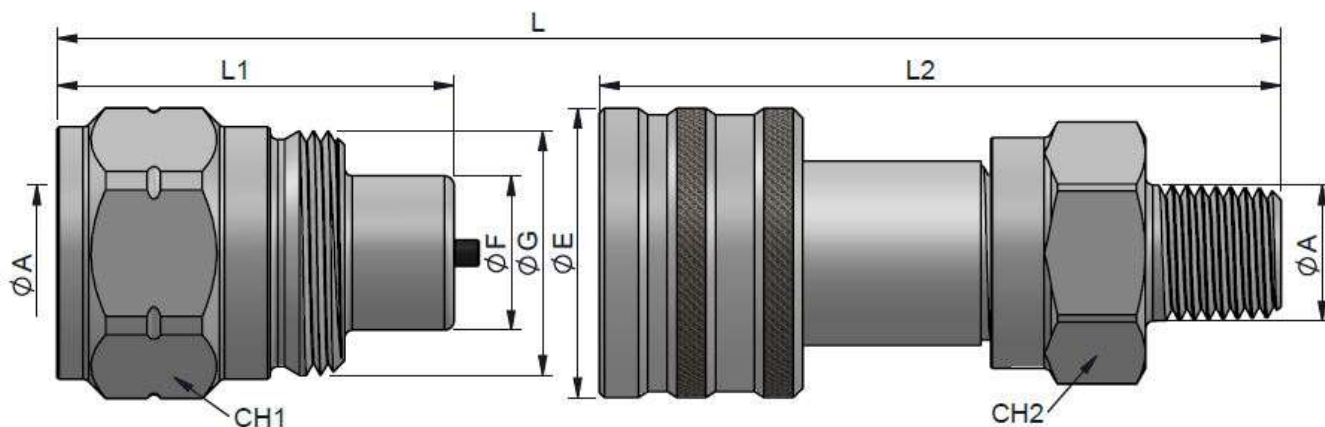
202 SERIES

HPA

POPPET VALVE



DN6.3



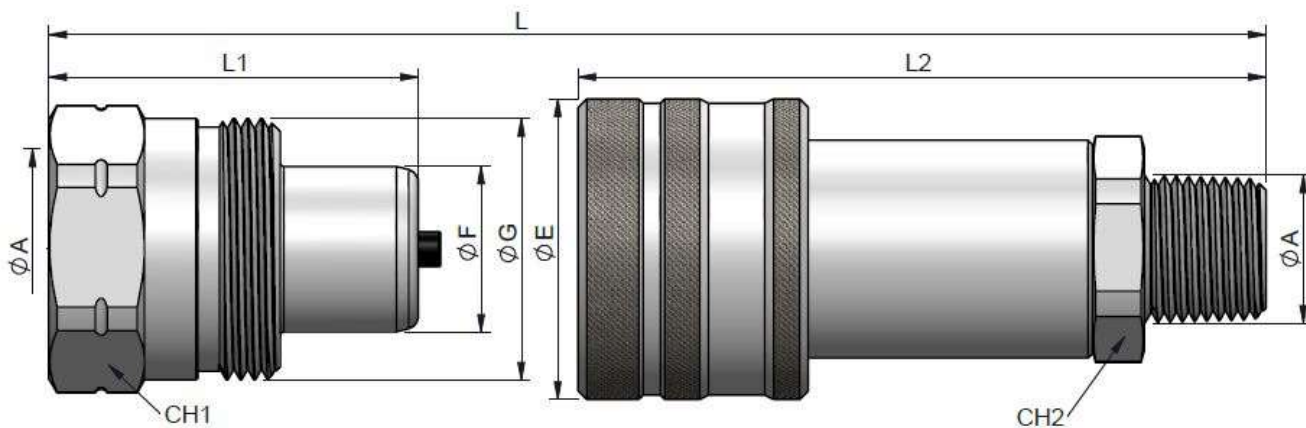
MALE STANDARD MODELS

DN	ØA	REF.		CH1	ØG	L1	ØF	L
6.3	1/4" NPTF	202.11141BB	1200Bar	27	1" UN	41	15.90	92.40
	1/4" NPTF	202.21121BB						

FEMALE STANDARD MODELS

DN	ØA	REF.		CH2	L2	ØD	L
6.3	1/4" NPTF M.	202.12141BM	1200Bar	23.8	70.4	29.8	92.40
	1/4" NPTF M.	202.22121BM					

DN10



MALE STANDARD MODELS

DN	ØA	REF.		CH1	ØG	L1	ØF	L
10	3/8" NPTF	202.11142BC	1200Bar	30	1 3/16" UN	42.5	19	97.5
	3/8" NPTF	202.21122BC						

FEMALE STANDARD MODELS

DN	ØA	REF.		CH2	L2	ØD	L
10	3/8" NPTF M.	202.12142BN	1200Bar	24	79.2	34.5	97.5
	3/8" NPTF M.	202.22122BN					

L= lenght while quick coupling is connected.

202-3



202 SERIES HPA

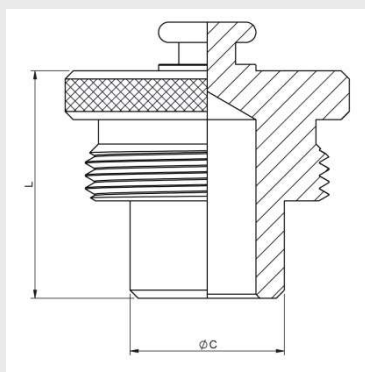
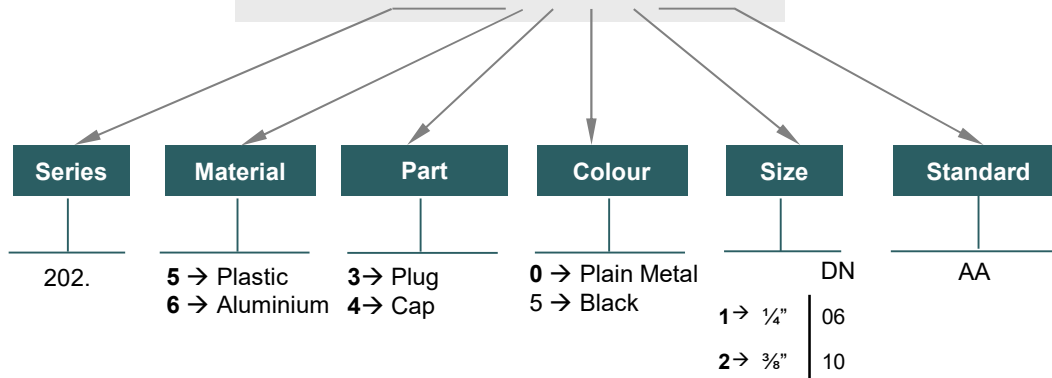
PLUGS
& CAPS

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

MODEL STRUCTURE

Example:

202.6302 AA

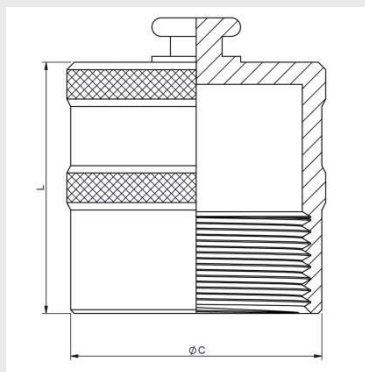


METAL PLUG

DN	ALUMINUM	AISI 316	ØC	L
6.3	202.6301AA	202.2301AA	15,85	24
10	202.6302AA	202.2302AA	19	28

PLASTIC PLUG

DN	PLASTIC	ØC	L
6.3	202.5351AA	15,7	24
10	202.5352AA	19	28



METAL CAP

DN	ALUMINUM	AISI 316	ØC	L
6.3	202.6401AA	202.2401AA	29	28
10	202.6402AA	202.2402AA	34	34

PLASTIC CAP

DN	PLASTIC	ØC	L
6.3	202.5451AA	29	25
10	202.5452AA	34	34



202 SERIES HPA

TECHNICAL DATA

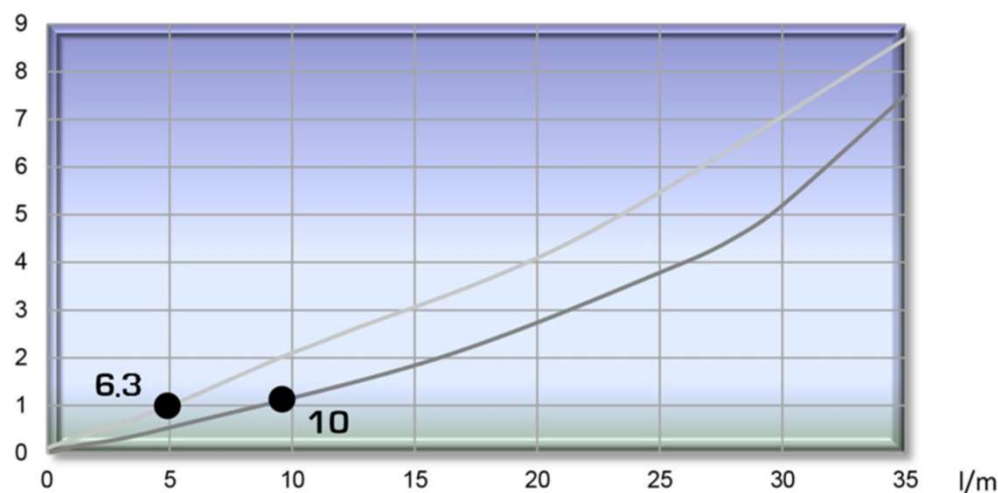
BALL VALVE

Carbon Steel and Stainless Steel AISI316

DN	Rated Flow	Min Burst Pressure (bar)			Max. Working Pressure	Spillage
		Male	Female	Coupled		Max.
6.3	5 l/m	1500	2000	2200	700 Bar	0.2
10	9 l/m	1500	2000	2200	700 Bar	0.6

Test performed according to ISO 18869

Δp (bar)



TECHNICAL DATA

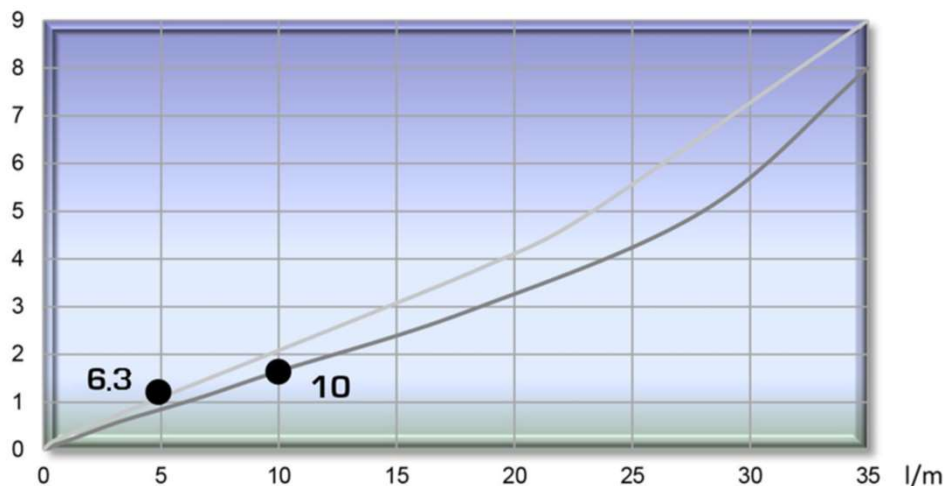
POPPET VALVE

Carbon Steel and Stainless Steel AISI316

DN	Rated Flow	Min Burst Pressure (bar)			Max. Working Pressure	Spillage
		Male	Female	Coupled		Max.
6.3	5 l/m	1500	2400	2400	1200 Bar	0.5
10	9 l/m	1500	2400	2800	1200 Bar	1.5

Test performed according to ISO 18869

Δp (bar)



202-5



203 SERIES TGW

CARBON STEEL/AISI 316

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

• Materials

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

O-ring: NBR, Viton or EPDM

Back-up-ring: PTFE

Springs: Carbon Steel DIN 17233/84(B)

• Working temperature (O-ring)

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

• Sectors: Industrial



• **Applications:** Designed for Oil hydraulic Applications
Hammer Application

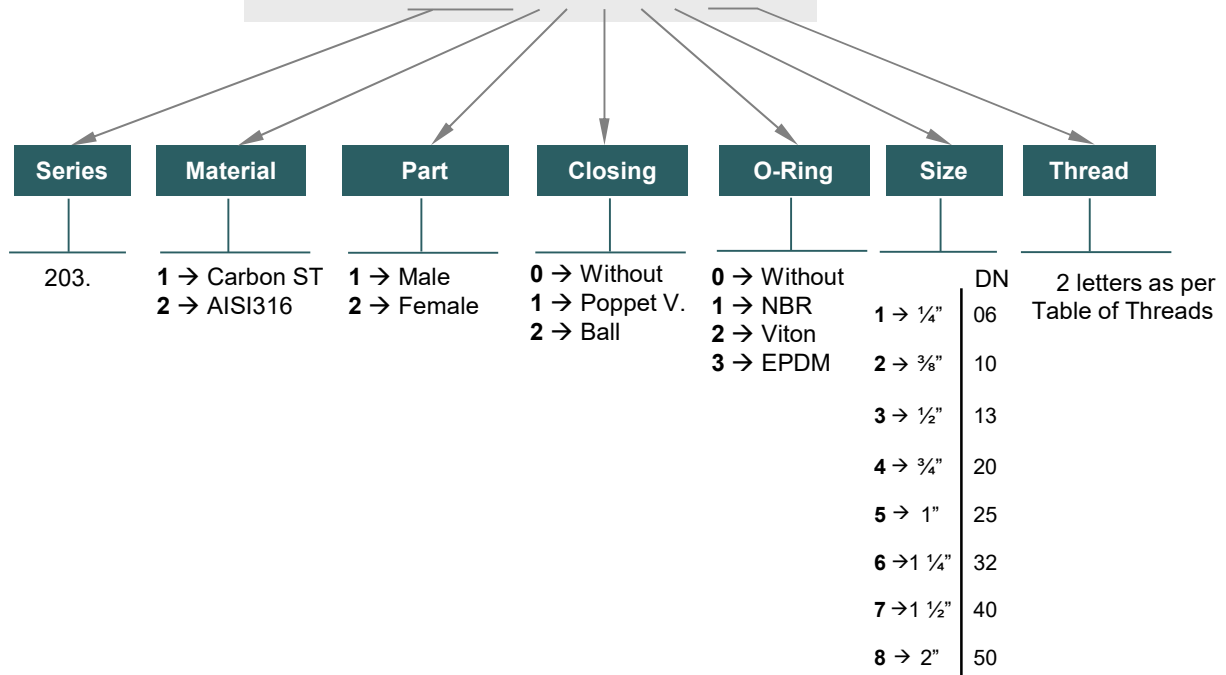
• Equivalence

GROMELLE 6000
TUTHILL 6000

MODEL STRUCTURE

Example:

203.11115 AF



203-1

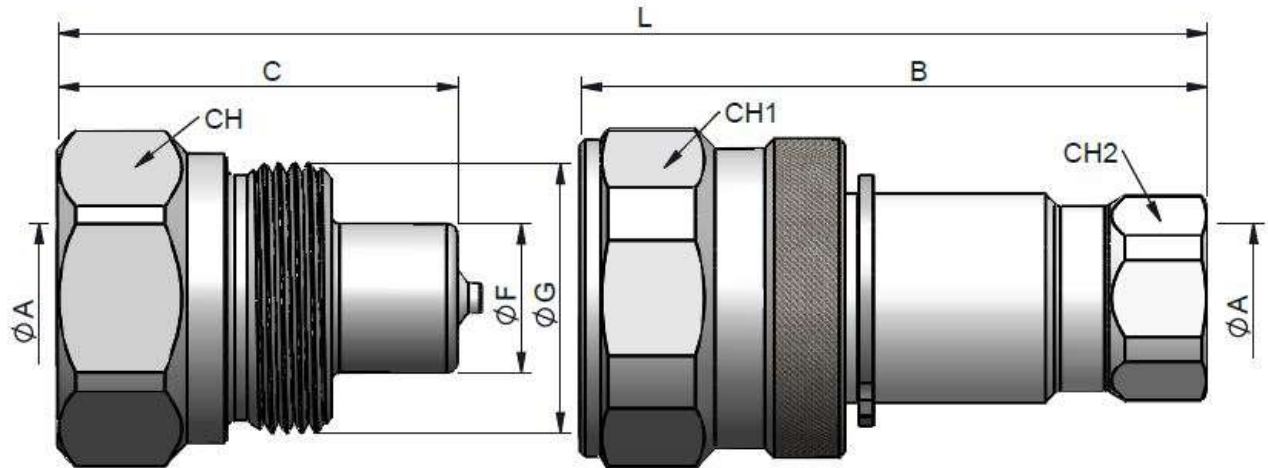


SERIE 203 TGW

CARBON STEEL

INTEVA

DN06

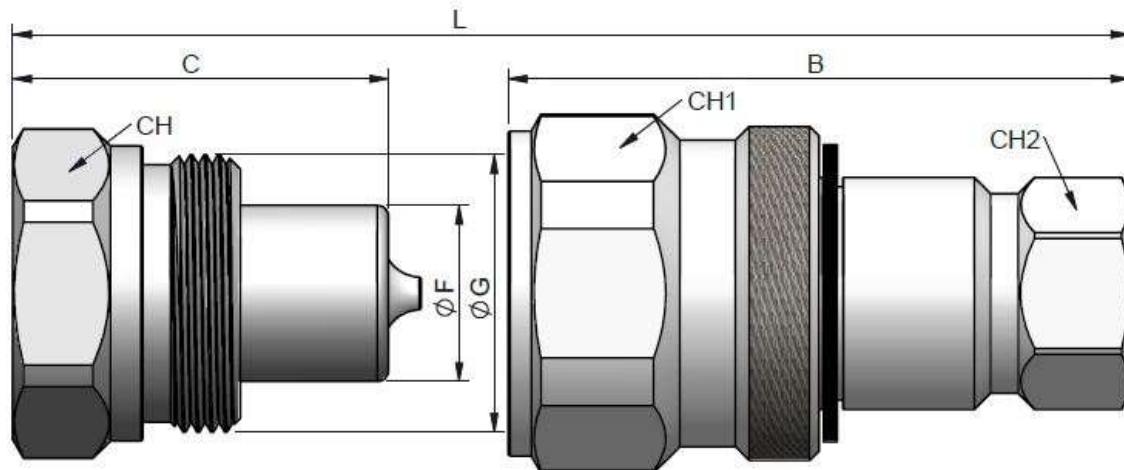


STANDARD MALE MODELS

STANDARD FEMALE MODELS

DN	ØA	REF.		CH	C	ØF	ØG	L	DN	ØA	REF.		CH2	B	CH1	L
06	1/4" BSP	203.11111AB	950Bar	30	40	19.90	M27x1.5	80	06	1/4" BSP	203.12111AB	950Bar	19	62.75	32	80
	1/4" NPTF	203.11111BB								1/4" NPTF	203.12111BB					

DN10



STANDARD MALE MODELS

STANDARD FEMALE MODELS

DN	ØA	REF.		CH	C	ØF	ØG	L	DN	ØA	REF.		CH2	B	CH1	L
10	3/8" BSP	203.11112AC	750Bar	32	40.50	18.95	M30x1.5	81	10	3/8" BSP	203.12112AC	750Bar	22	67	36	81
	3/8" NPTF	203.11112BC								3/8" NPTF	203.12112BC					

203-2

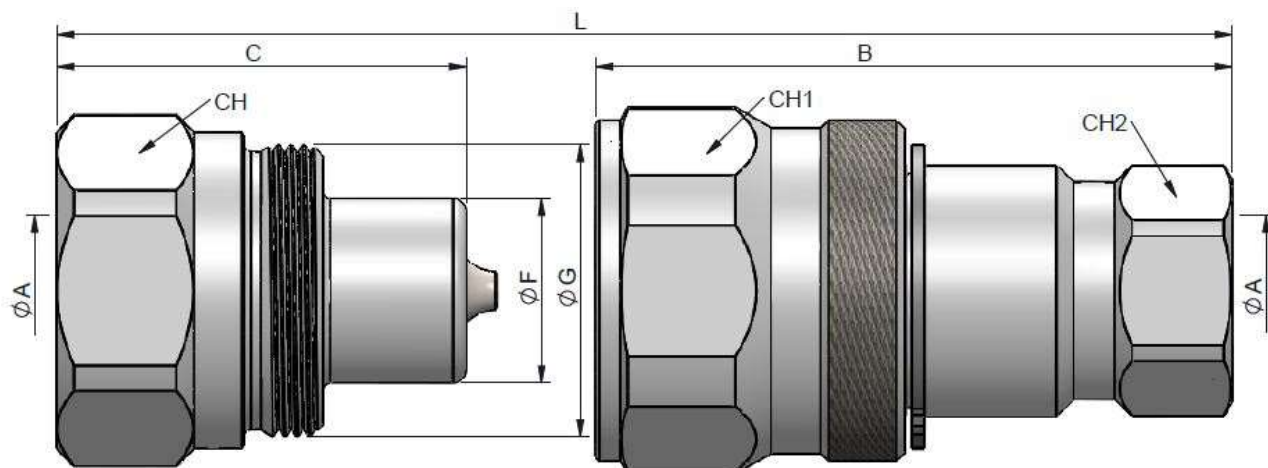


SERIE 203 TGW

CARBON STEEL

INTEVA

DN13

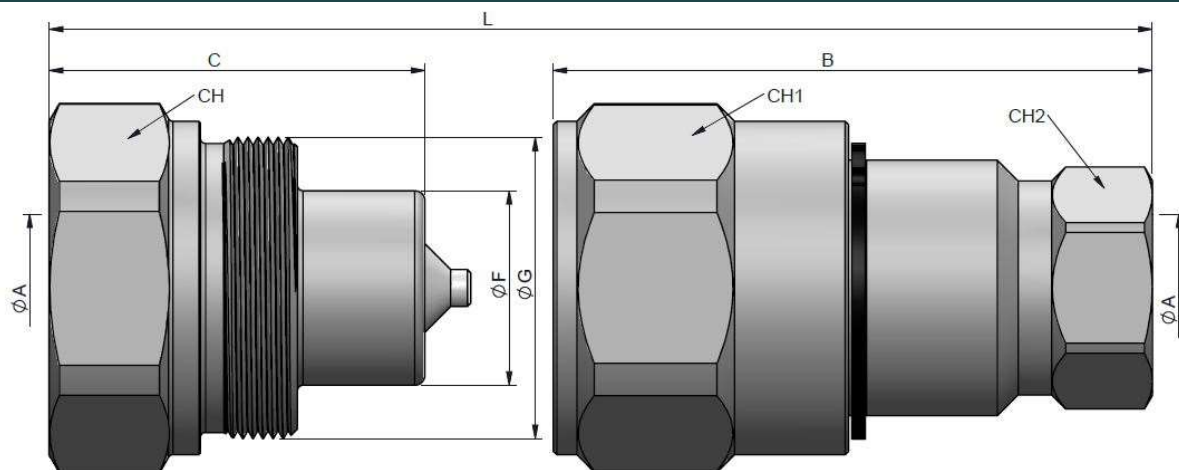


STANDARD MALE MODELS

STANDARD FEMALE MODELS

DN	ØA	REF.		CH	C	ØF	ØG	L	DN	ØA	REF.		CH2	B	CH1	L
13	1/2" BSP	203.11113AD	750Bar	38	49	19.90	M35x1.5	98	13	1/4" BSP	203.12113AD	750Bar	27	76.20	41	98
	1/2" NPTF	203.11113BD								1/4" NPTF	203.12113BD					

DN20



STANDARD MALE MODELS

STANDARD FEMALE MODELS

DN	ØA	REF.		CH	C	ØF	ØG	L	DN	ØA	REF.		CH2	B	CH1	L
20	3/4" BSP	203.11114AE	650Bar	50	56	28.95	M45x1.5	112	20	3/4" BSP	203.12114AE	650Bar	32	89.30	50	112
	3/4" NPTF	203.11114BE								3/4" NPTF	203.12114BE					

203-3



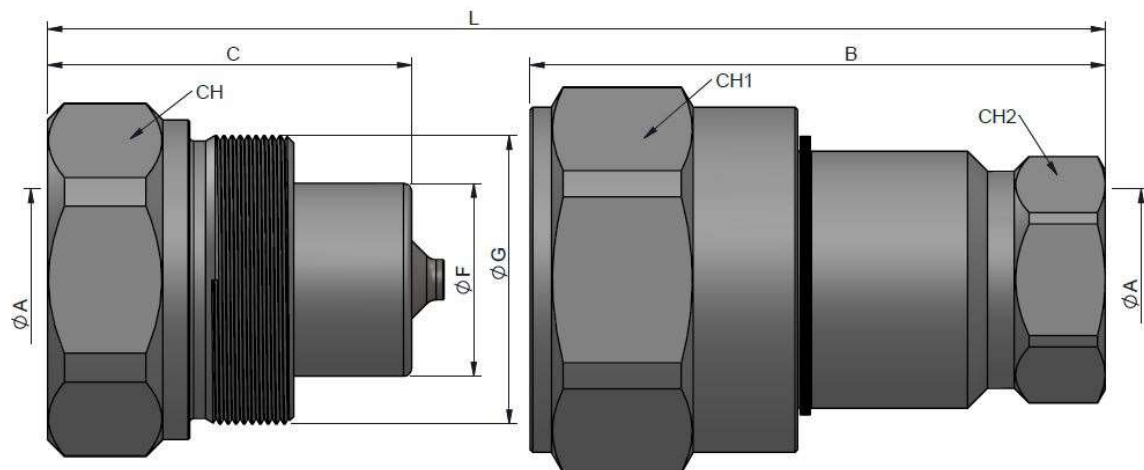
SERIE 203

TGW

CARBON STEEL

INTEVA

DN25

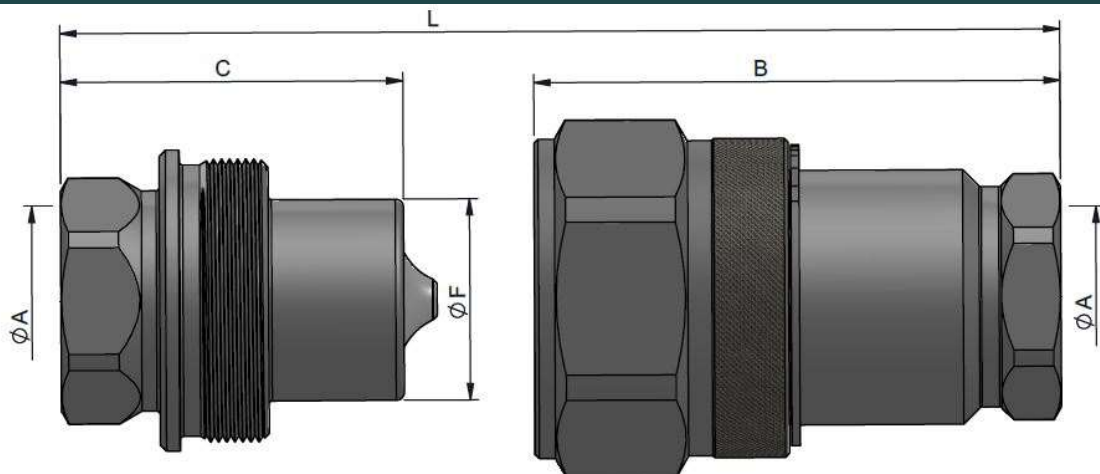


STANDARD MALE MODELS

STANDARD FEMALE MODELS

DN	ØA	REF.		CH	C	ØF	ØG	L	DN	ØA	REF.		CH2	B	CH1	L
25	1" BSP	203.11115AF	450Bar	60	68	36	M54x1.5	136	25	1" BSP	203.12115AF	450Bar	41	107.5	65	136
	1" NPTF	203.11115BF									203.12115BF					

DN32



STANDARD MALE MODELS

STANDARD FEMALE MODELS

DN	ØA	REF.		CH	C	ØF	ØG	L	DN	ØA	REF.		CH2	B	CH1	L
32	1 1/4" BSP	203.11116AG	450Bar	75	85	49.80	M70x2	160	32	1 1/4" BSP	203.12116AG	450Bar	55	130.50	80	160
	1 1/4" NPTF	203.11116BG									203.12116BG					

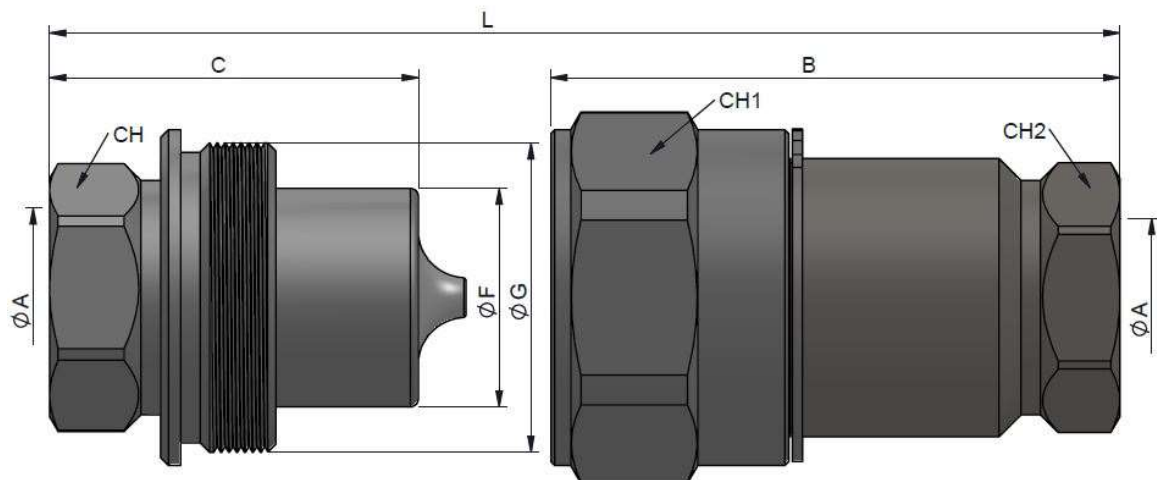


SERIE 203 TGW

CARBON STEEL

INTEVA

DN40

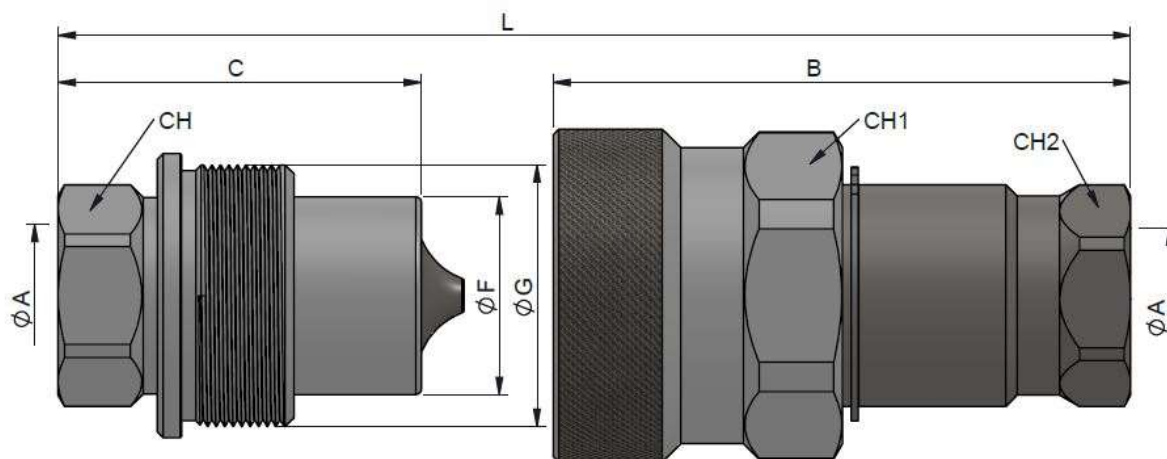


STANDARD MALE MODELS

STANDARD FEMALE MODELS

DN	ØA	REF.		CH	C	ØF	ØG	L	DN	ØA	REF.		CH2	B	CH1	L
40	1 1/2" BSP	203.11117AH	300Bar	60	93	55	M78x1.5	176.5	40	1 1/2" BSP	203.12117AH	300Bar	60	143.50	85	176.5
	1 1/2" NPTF	203.11117BH									203.12117BH					

DN50



STANDARD MALE MODELS

STANDARD FEMALE MODELS

DN	ØA	REF.		CH	C	ØF	ØG	L	DN	ØA	REF.		CH2	B	CH1	L
50	2" BSP	203.11118AI	300Bar	70	128	69.40	M93x3	247	50	2" BSP	203.12118AI	300Bar	70	203.50	105	247
	2" NPTF	203.11118BI									203.12118BI					

203-5



203 SERIES TGW

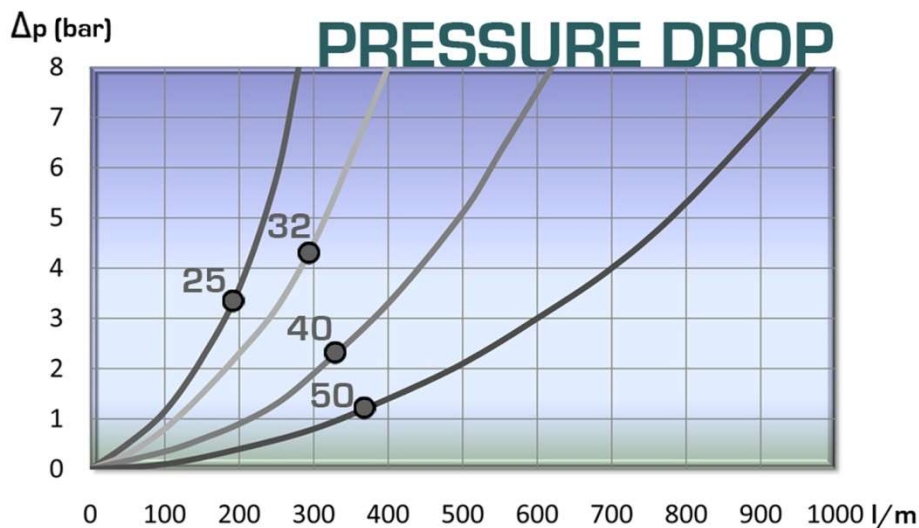
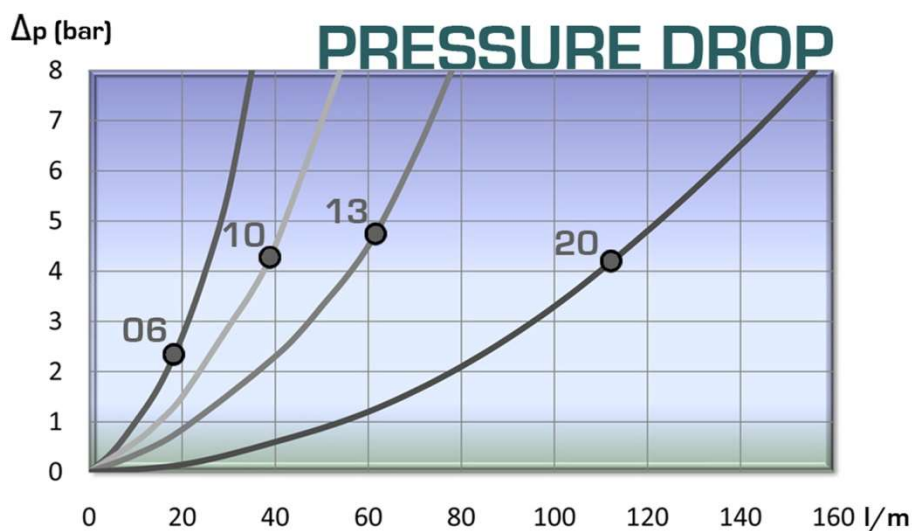
CARBON STEEL



TECHNICAL DATA

DN	Rated Flow	Min Burst Pressure (bar)			Max. Working Pressure
		Male	Female	Coupled	
06	18 l/m	1960	1960	1960	950 Bar
10	38 l/m	1500	1500	1500	750 Bar
13	62 l/m	1500	1500	1500	750 Bar
20	116 l/m	1300	1300	1300	650 Bar
25	194 l/m	900	900	900	450 Bar
32	290 l/m	900	900	900	450 Bar
40	450 l/m	600	600	600	300 Bar
50	630 l/m	600	600	600	300 Bar

Test performed according to ISO 18869



203-3

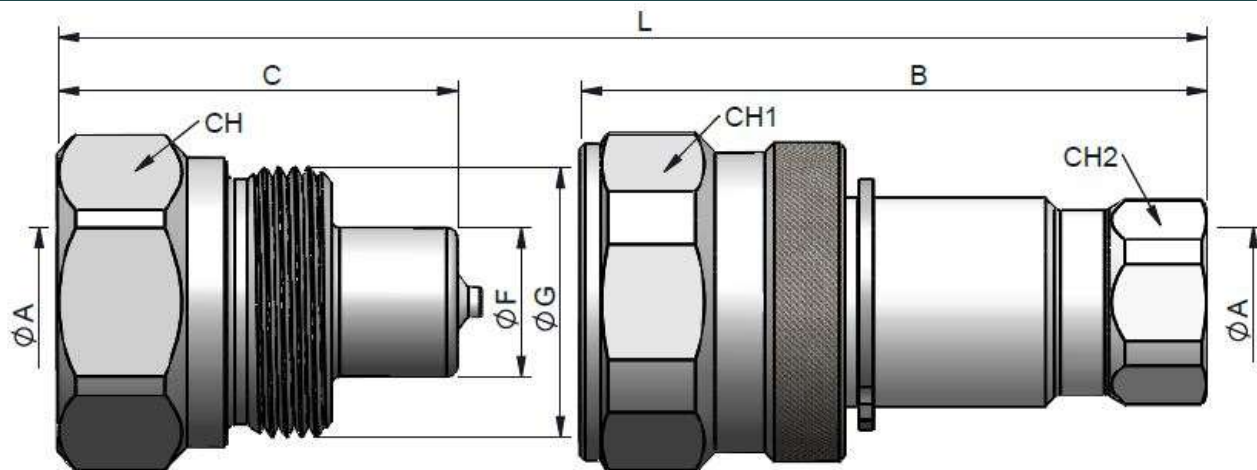


SERIE 203 TGW

AISI 316

INTEVA

DN06

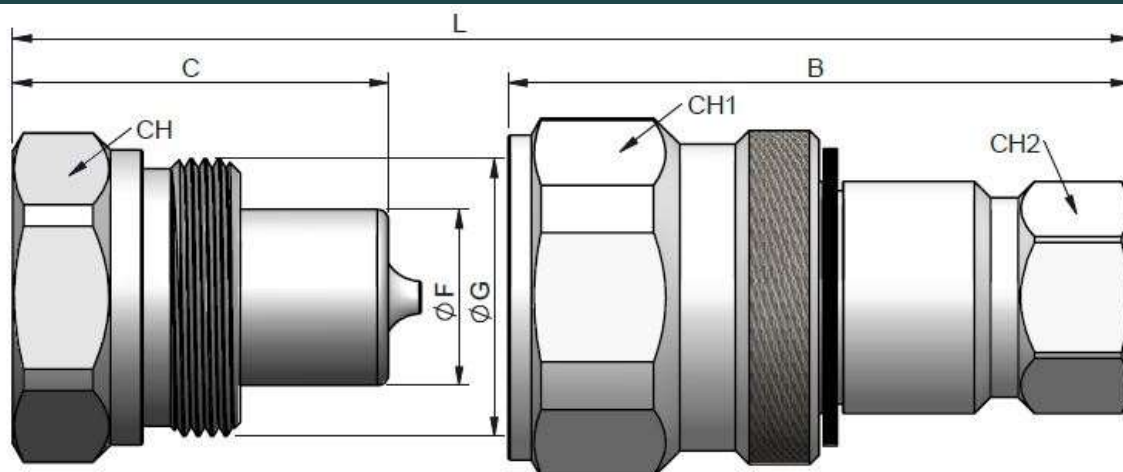


STANDARD MALE MODELS

STANDARD FEMALE MODELS

DN	ØA	REF.		CH	C	ØF	ØG	L	DN	ØA	REF.		CH2	B	CH1	L
06	1/4" BSP	203.21111AB	950Bar	30	40	19.90	M27x1.5	80	06	1/4" BSP	203.22111AB	950Bar	19	62.75	32	80
	1/4" NPTF	203.21111BB								1/4" NPTF	203.22111BB					

DN10



STANDARD MALE MODELS

STANDARD FEMALE MODELS

DN	ØA	REF.		CH	C	ØF	ØG	L	DN	ØA	REF.		CH2	B	CH1	L
10	3/8" BSP	203.21112AC	750Bar	32	40.50	18.95	M30x1.5	81	10	3/8" BSP	203.22112AC	750Bar	22	67	36	81
	3/8" NPTF	203.21112BC								3/8" NPTF	203.22112BC					

203-7

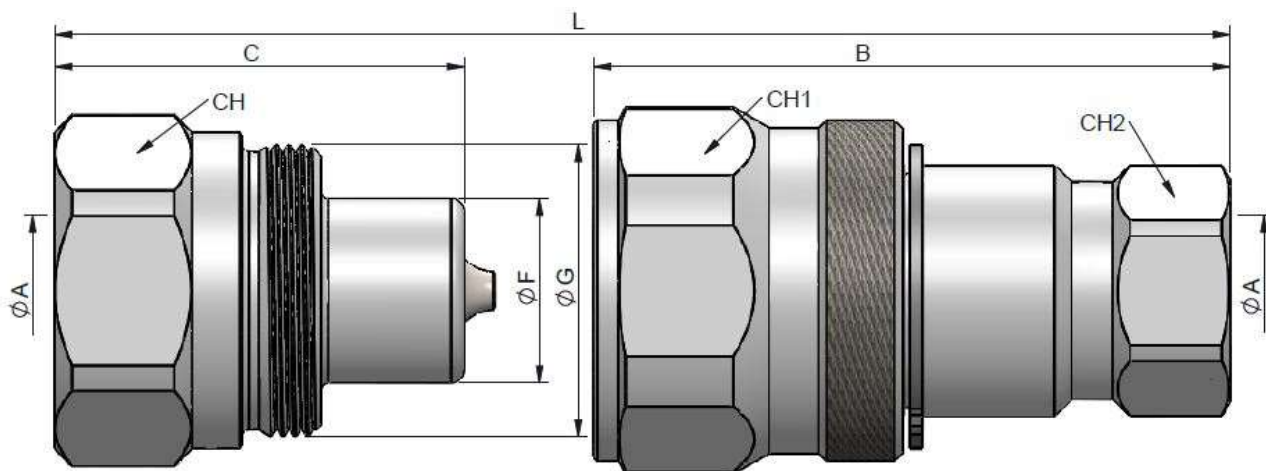


SERIE 203 TGW

AISI 316

INTEVA

DN13

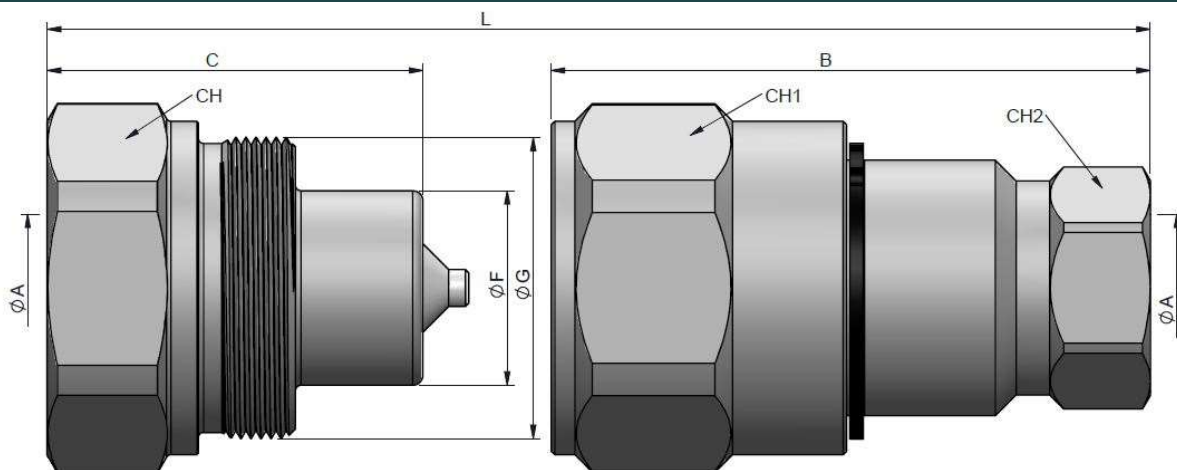


STANDARD MALE MODELS

STANDARD FEMALE MODELS

DN	ØA	REF.		CH	C	ØF	ØG	L	DN	ØA	REF.		CH2	B	CH1	L
13	1/2" BSP	203.21113AD	750Bar	38	49	19.90	M35x1.5	98	13	1/4" BSP	203.22113AD	750Bar	27	76.20	41	98
	1/2" NPTF	203.21113BD								1/4" NPTF	203.22113BD					

DN20



STANDARD MALE MODELS

STANDARD FEMALE MODELS

DN	ØA	REF.		CH	C	ØF	ØG	L	DN	ØA	REF.		CH2	B	CH1	L
20	3/4" BSP	203.21114AE	650Bar	50	56	28.95	M45x1.5	112	20	3/4" BSP	203.22114AE	650Bar	32	89.30	50	112
	3/4" NPTF	203.21114BE								3/4" NPTF	203.22114BE					

203-8

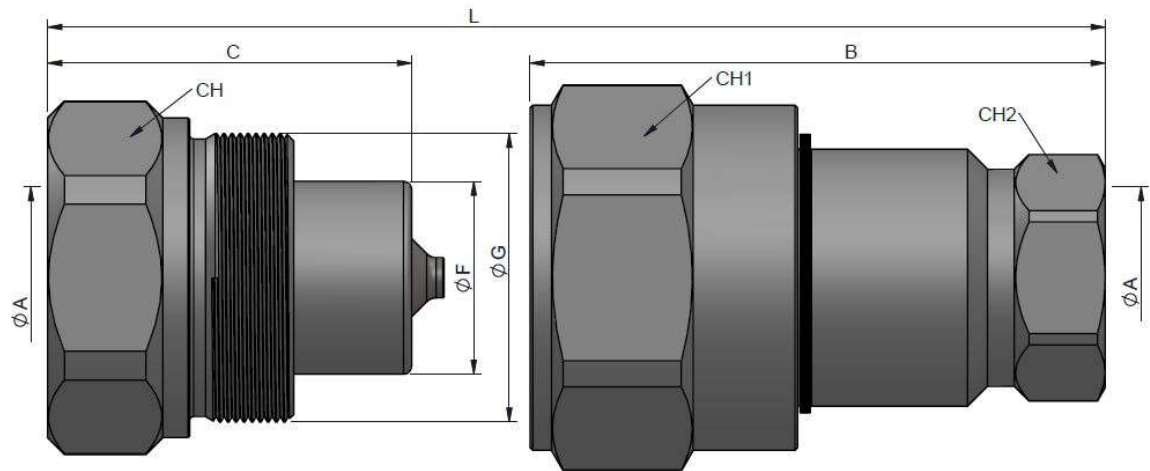


SERIE 203 TGW

AISI 316

INTEVA

DN25

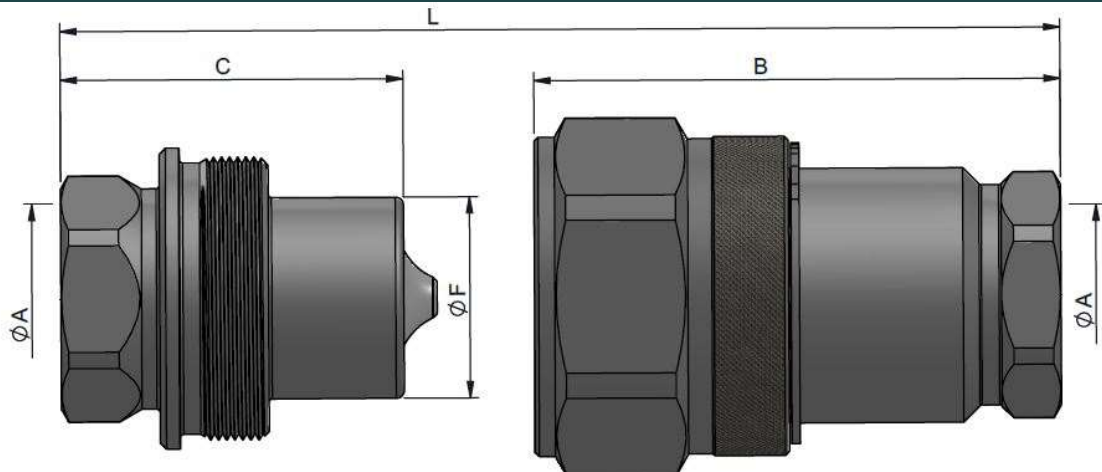


STANDARD MALE MODELS

STANDARD FEMALE MODELS

DN	ØA	REF.		CH	C	ØF	ØG	L	DN	ØA	REF.		CH2	B	CH1	L
25	1" BSP	203.21115AF	450Bar	60	68	36	M54x1.5	136	25	1" BSP	203.22115AF	450Bar	41	107.5	65	136
	1" NPTF	203.21115BF									203.22115BF					

DN32



STANDARD MALE MODELS

STANDARD FEMALE MODELS

DN	ØA	REF.		CH	C	ØF	ØG	L	DN	ØA	REF.		CH2	B	CH1	L
32	1 1/4" BSP	203.21116AG	450Bar	75	85	49.80	M70x2	160	32	1 1/4" BSP	203.22116AG	450Bar	55	130.50	80	160
	1 1/4" NPTF	203.21116BG									203.22116BG					

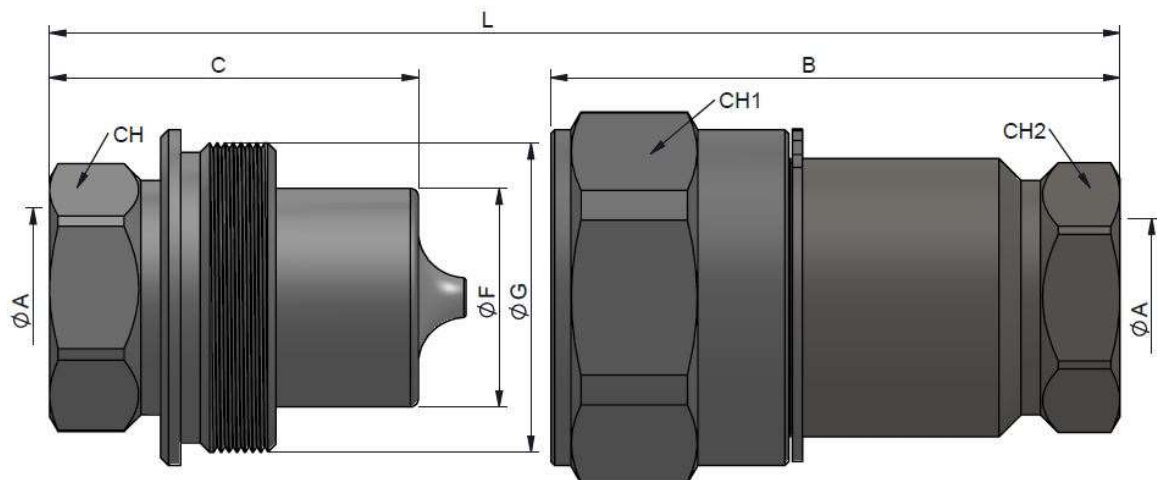


SERIE 203 TGW

AISI 316

INTEVA

DN40

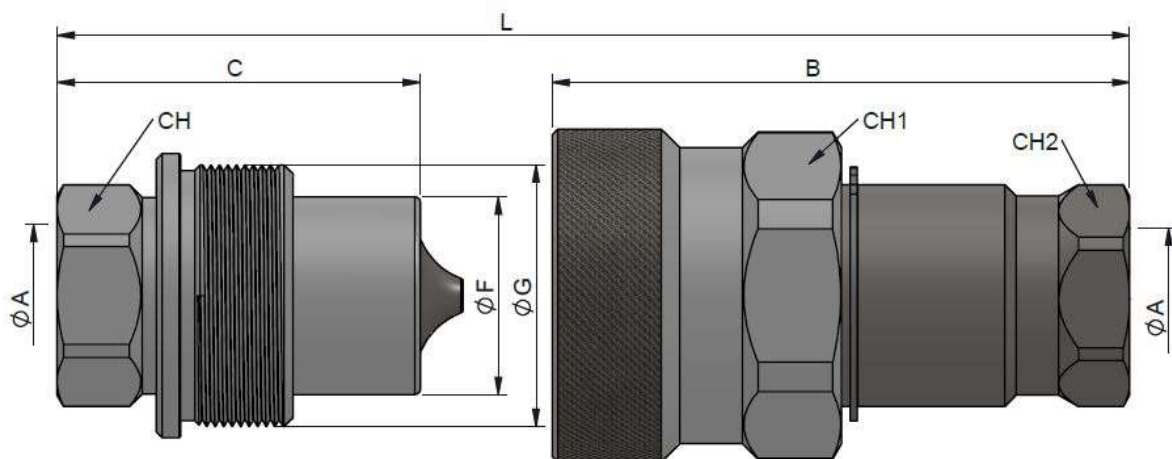


STANDARD MALE MODELS

STANDARD FEMALE MODELS

DN	ØA	REF.		CH	C	ØF	ØG	L	DN	ØA	REF.		CH2	B	CH1	L
40	1 1/2" BSP	203.21117AH	300Bar	60	93	55	M78x1.5	176.5	40	1 1/2" BSP	203.22117AH	300Bar	60	143.50	85	176.5
	1 1/2" NPTF	203.21117BH									203.22117BH					

DN50



STANDARD MALE MODELS

STANDARD FEMALE MODELS

DN	ØA	REF.		CH	C	ØF	ØG	L	DN	ØA	REF.		CH2	B	CH1	L
50	2" BSP	203.21118AI	300Bar	70	128	69.40	M93x3	247	50	2" BSP	203.22118AI	300Bar	70	203.50	105	247
	2" NPTF	203.21118BI									203.22118BI					

203-10



203 SERIES TGW

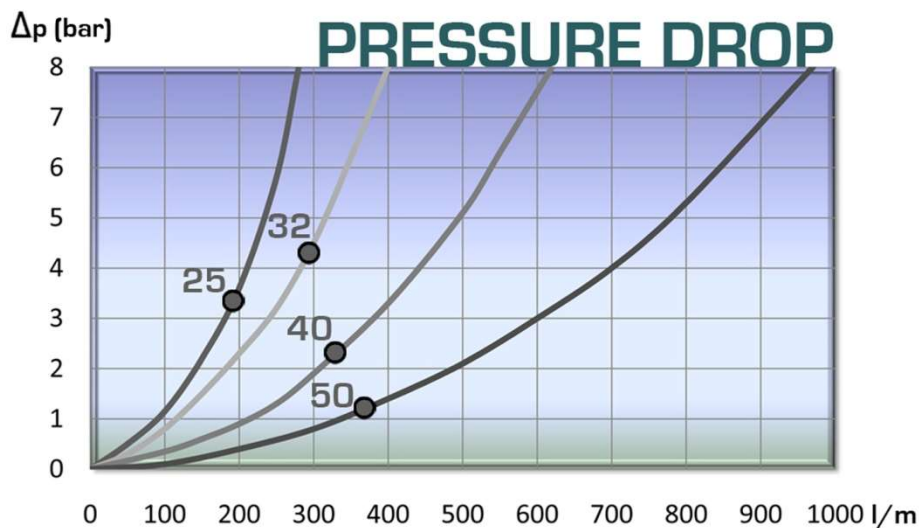
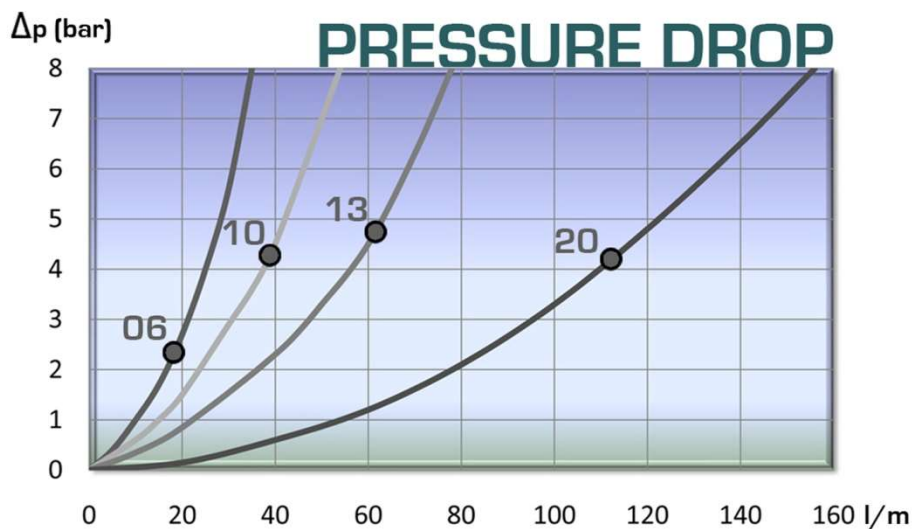
AISI 316

INTEVA

TECHNICAL DATA

DN	Rated Flow	Min Burst Pressure (bar)			Max. Working Pressure
		Male	Female	Coupled	
06	18 l/m	1960	1960	1960	950 Bar
10	38 l/m	1500	1500	1500	750 Bar
13	62 l/m	1500	1500	1500	750 Bar
20	116 l/m	1300	1300	1300	650 Bar
25	194 l/m	900	900	900	450 Bar
32	290 l/m	900	900	900	450 Bar
40	450 l/m	600	600	600	300 Bar
50	630 l/m	600	600	600	300 Bar

Test performed according to ISO 18869





203 SERIES

TGW

PLUGS
& CAPS

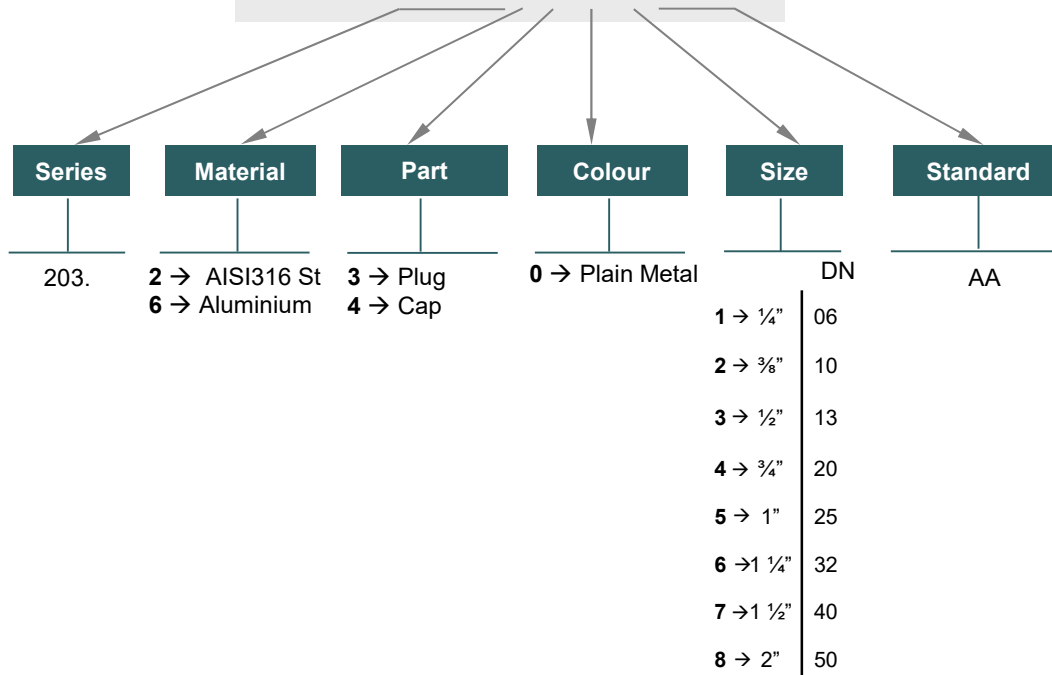


TGW SERIES PLUGS, CAPS and have been designed to protect FEMALE (coupler) or MALE (nipple) parts while they are disconnected.

MODEL STRUCTURE

Example:

203.6404 AA



PLUG

DN	REF.	ØA	ØB	L
06	203.6301AA	M27x1.5	32	24.5
10	203.6302AA	M30x1.5	35	26.5
13	203.6303AA	M35x1.5	40	26.5
20	203.6304AA	M45x1.5	50	32
25	203.6305AA	M54x1.5	60	38
32	203.6306AA	M70x2	75	45
40	203.6307AA	M78x2	84.5	47
50	203.6308AA	M92x3	117	61

CAP

DN	REF.	ØA	ØB	L
06	203.6401AA	M27x1.5	32	40
10	203.6402AA	M30x1.5	35	43
13	203.6403AA	M35x1.5	40	41
20	203.6404AA	M45x1.5	50	52
25	203.6405AA	M54x1.5	60	61
32	203.6406AA	M70x2	75	80
40	203.6407AA	M78x2	85	83
50	203.6408AA	M92x3	102	116

203-6



204 SERIES AEV

Designed for Spanish market.
Poppet Valve closubg system.
BSP threads and other available upon request.

- **Materials**

Carbon Steel *EN -10277-3*

O-ring: NBR, Viton or EPDM

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

- **Working temperature (O-ring)**

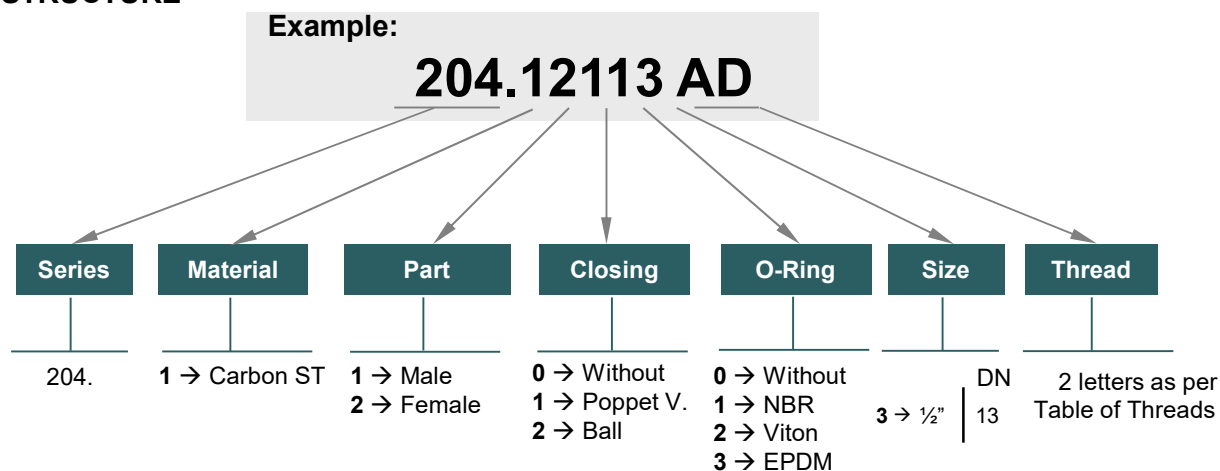
	NBR	Viton	EPDM
	+100°C	+200°C	+150°C
	-30°C	-10°C	-40°C

- **Applications:** Designed for Oil hydraulic Applications

- **Sectors:** Agricultural



MODEL STRUCTURE

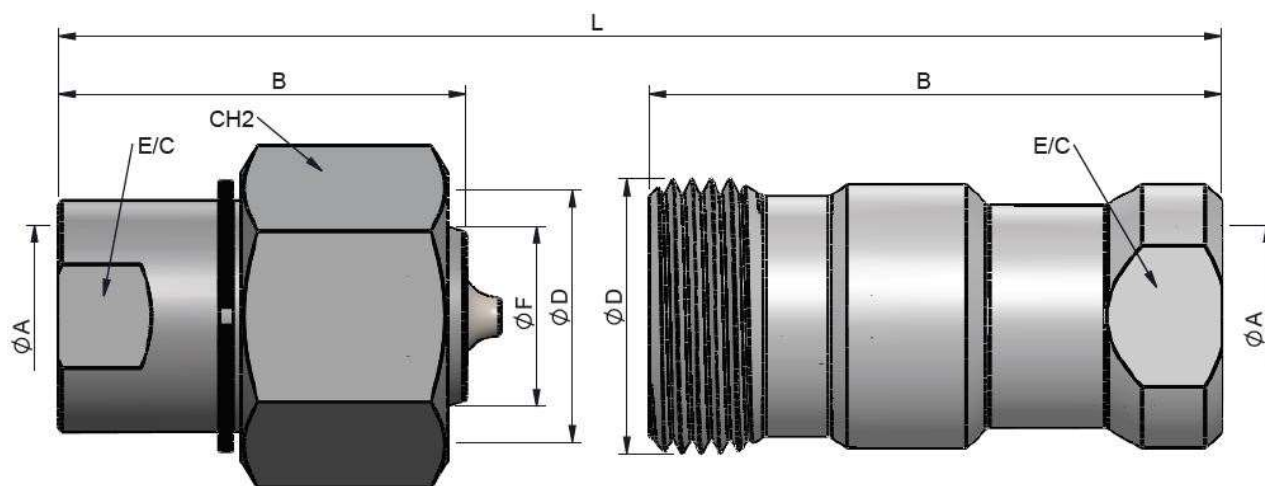


204-1



204 SERIES AEV

DN13



STANDARD MALE MODELS

DN	ØA	REF.		E/C	CH2	B	ØF	ØD	L
13	1/2" BSP	204.11113AD	400Bar	25	36	49.5	21.80	30.50	88

STANDARD FEMALE MODELS

DN	ØA	REF.		E/C	B	ØD	L
13	1/2" BSP	204.12113AD	400Bar	27	69.5	33	88

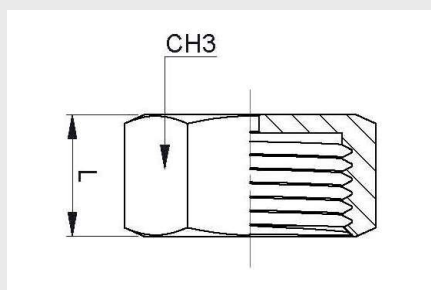
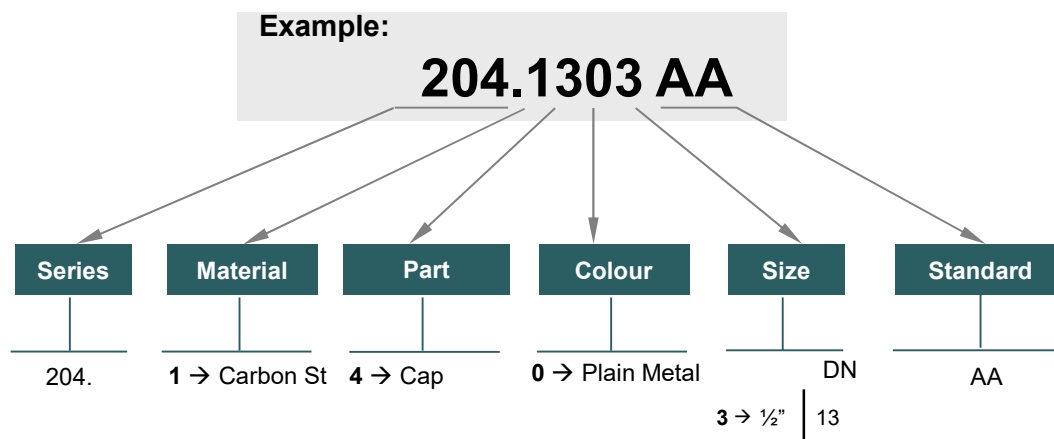


204 SERIES

AEV CAPS



MODEL STRUCTURE



CAP			
DN	REF.	CH3	L
13	204.1303AA	36	20



205 SERIES STG

BSP / NPTF
DIN3852 / SAE



Poppet valve closing system
BSP, NPTF, DIN2353, DIN3852, SAE/ORB and other threads upon request.
AISI 316 available only by minimum quantities.

• Materials

Carbon Steel *EN -10277-3 / AISI 316L*

O-ring: NBR, Viton or EPDM

Back-up-ring: PTFE

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

• Working temperature (O-ring)

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

- **Applications:** Designed for Oil hydraulic Applications
Hammer Application

• Equivalence

FASTER CVV
ARGUS HD
VOSWINKEL HS

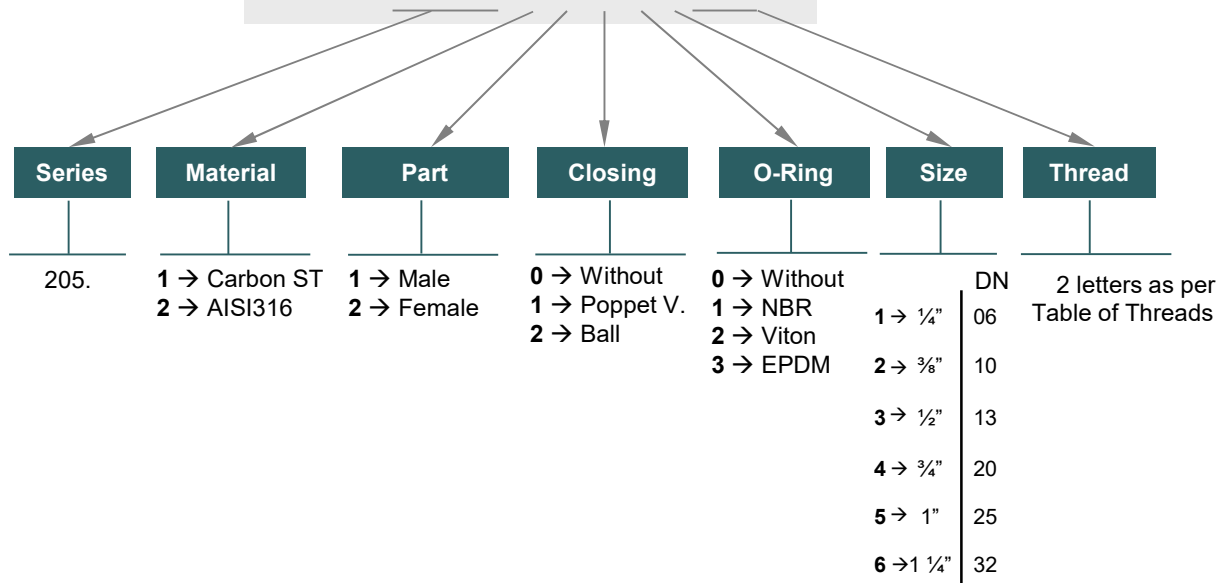
- **Sectors:** Industrial, Agricultural, Construction machinery.



MODEL STRUCTURE

Example:

205.12115 AF

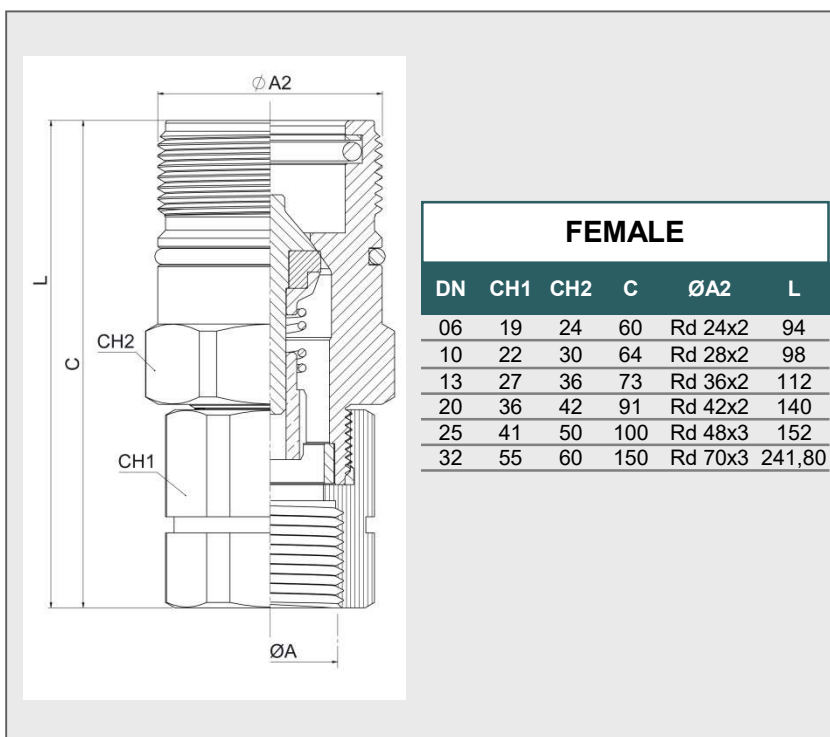
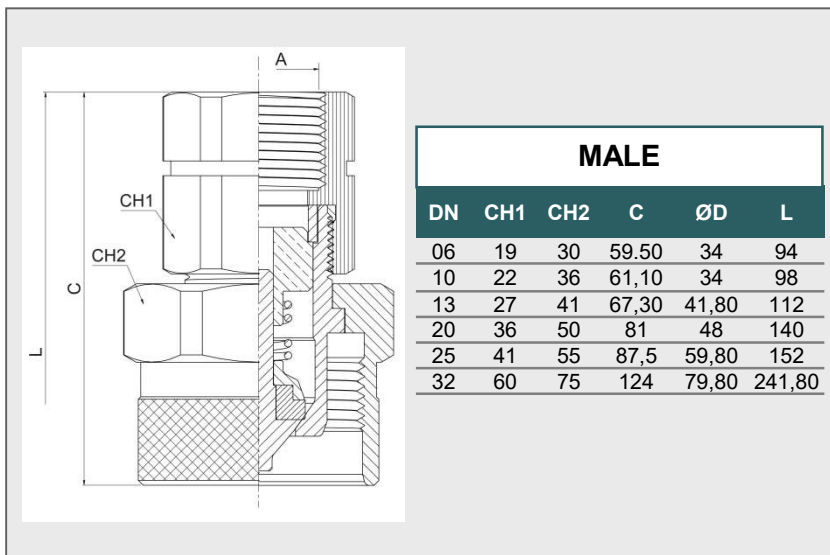


205-1



205 SERIES STG

BSP / NPTF
DIN3852 / SAE



STANDARD MODELS				
DN	ØA	MALE	FEMALE	
06	1/4" BSP	205.11111AB	205.12111AB	450Bar
	1/4" NPTF	205.11111BB	205.12111BB	
	M14x1,5	205.11111NC	205.12111NC	
10	1/4" BSP	205.11112AB	205.12112AB	450Bar
	3/8" BSP	205.11112AC	205.12112AC	
	3/8" NPTF	205.11112BC	205.12112BC	
	M16x1,5	205.11112ND	205.12112ND	
	3/8" BSP	205.11113AC	205.12113AC	
13	1/2" BSP	205.11113AD	205.12113AD	400Bar
	1/2" NPTF	205.11113BD	205.12113BD	
	M18x1,5	205.11113NE	205.12113NE	
	M22x1,5	205.11113NG	205.12113NG	
	3/4" -16ORB	205.11113GF	205.12113GF	
20	3/4" -14ORB	205.11113GH	205.12113GH	400Bar
	3/4" BSP	205.11114AE	205.12114AE	
	3/4" NPTF	205.11114BE	205.12114BE	
	M22x1,5	205.11114NG	205.12114NG	
	3/4" BSP	205.11115AE	205.12115AE	
25	1" BSP	205.11115AF	205.12115AF	300Bar
	1" NPTF	205.11115BF	205.12115BF	
	1 1/4" BSP	205.11116AG	205.12116AG	
32	1 1/4" NPTF	205.11116BG	205.12116BG	410Bar
	1 1/2" BSP	205.11116AH	205.12116AH	
	1 1/2" NPTF	205.11116BH	205.12116BH	



205 SERIES STG

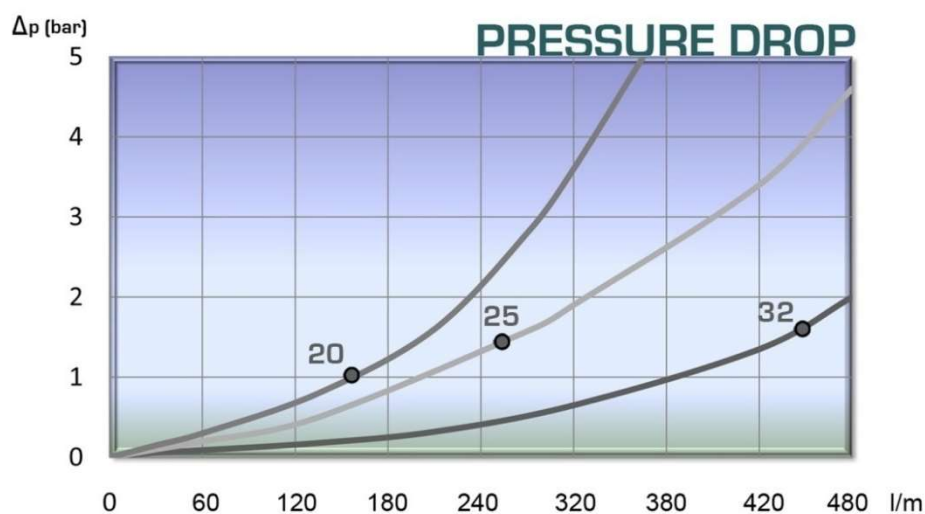
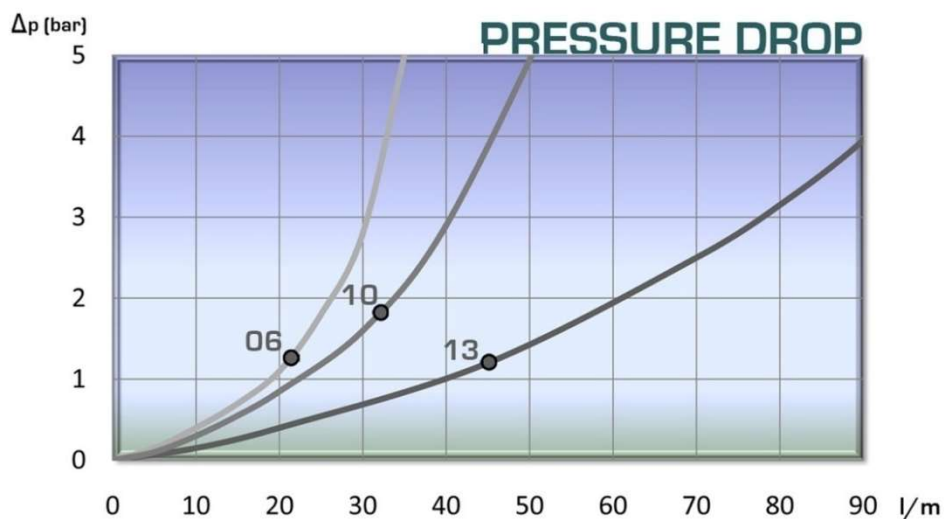
BSP / NPTF
DIN3852 / SAE



TECHNICAL DATA

DN	Rated Flow	Min Burst Pressure (bar)			Max. Working Pressure
		Male	Female	Coupled	
06	12 l/m	1580	1500	1800	500 Bar
10	32 l/m	1750	1680	1800	450 Bar
13	75 l/m	1580	1500	1600	400 Bar
20	145 l/m	1520	1400	1600	400 Bar
25	255 l/m	1200	1150	1200	350 Bar
32	440 l/m	1450	1520	1650	410 Bar

Test performed according to ISO 18869





205 SERIES STG

DIN2353

STANDARD MALE MODELS

DN	ØA	ØT	REF.		CH1	CH2	C	ØD	E	L
06	M12x1,5	6L	205.11111JB	450Bar	19	30	58,5	29,5	10	91,3
	M14x1,5	8L	205.11111JC							
	M18x1,5	12L	205.11112JE							
10	M14x1,5	8L	205.11112JC	450Bar	22	36	62,1	34	12	96
	M16x1,5	10L	205.11112JD							
	M16x1,5	8S	205.11112KD							
	M18x1,5	10S	205.11112KE							
	M20x1,5	12S	205.11112KF							
13	M14x1,5	8L	205.11113JC	400Bar	27	41	63,30	40,50	12	101
	M16x1,5	10L	205.11113JD							
	M18x1,5	12L	205.11113JE							
	M22x1,5	15L	205.11113JG							
	M26x1,5	18L	205.11113JI							
	M18x1,5	10S	205.11113KE							
	M20x1,5	12S	205.11113KF							
	M22x1,5	14S	205.11113KG							
	M24x1,5	16S	205.11113KH							
	M18x1,5	12L	205.11114JE							
20	M22x1,5	15L	205.11114JG	400Bar	36	41	72	48	12	119
	M26x1,5	18L	205.11114JI							
	M30x2	22L	205.11114JJ							
	M22x1,5	14S	205.11114KG							
	M24x1,5	16S	205.11114KH							
	M30x2	20S	205.11114KJ							
	M26x1,5	18L	205.11115JI							
25	M30x2	22L	205.11115JJ	300Bar	41	55	70,50	59,80	18	146
	M36x2	28L	205.11115JK							
	M45x2	35L	205.11115JM							
	M30x2	20S	205.11115KJ							
	M36x2	25S	205.11115KK							
	M42x2	30S	205.11115KL							
	M52x2	38S	205.11115KN							
32	M42x2	30S	205.11116KL	410Bar	50	75	143	79,80	20	243,80
	M52x2	38S	205.11116KN							

STANDARD FEMALE MODELS

DN	ØA	ØT	REF.		CH1	CH2	B	ØA2	E	L
06	M12x1,5	6L	205.12111JB	450Bar	19	24	59	Rd 24x2	10	91,3
	M14x1,5	8L	205.12111JC							
	M18x1,5	12L	205.12112JE							
10	M14x1,5	8L	205.12112JC	450Bar	22	24	63	Rd 28x2	12	96
	M16x1,5	10L	205.12112JD							
	M16x1,5	8S	205.12112KD							
	M18x1,5	10S	205.12112KE							
	M20x1,5	12S	205.12112KF							
13	M14x1,5	8L	205.12113JC	400Bar	27	32	66	Rd 36x2	12	101
	M16x1,5	10L	205.12113JD							
	M18x1,5	12L	205.12113JE							
	M22x1,5	15L	205.12113JG							
	M26x1,5	18L	205.12113JI							
	M18x1,5	10S	205.12113KE							
	M20x1,5	12S	205.12113KF							
	M22x1,5	14S	205.12113KG							
	M24x1,5	16S	205.12113KH							
	M18x1,5	12L	205.12114JE							
20	M22x1,5	15L	205.12114JG	400Bar	36	36	84	Rd 42x2	18	131
	M26x1,5	18L	205.12114JI							
	M30x2	22L	205.12114JJ							
	M22x1,5	14S	205.12114KG							
	M24x1,5	16S	205.12114KH							
	M30x2	20S	205.12114KJ							
	M26x1,5	18L	205.12115JI							
25	M30x2	22L	205.12115JJ	300Bar	41	41	97	Rd 48x3	18	146
	M36x2	28L	205.12115JK							
	M45x2	35L	205.12115JM							
	M30x2	20S	205.12115KJ							
	M36x2	25S	205.12115KK							
	M42x2	30S	205.12115KL							
	M52x2	38S	205.12115KN							
32	M42x2	30S	205.12116KL	410Bar	50	60	151	Rd 70x3	20	243,80
	M52x2	38S	205.12116KN							

205-4



205 SERIES STG

DIN2353

STANDARD MALE MODELS

DN	ØA	ØT	REF.		CH1	CH2	CH3	C	ØD	E	L
06	M12x1,5	6L	205.11111LB	450Bar	19	30	19	73,5	29,5	24	121,3
	M14x1,5	8L	205.11111LC				17	80,50		34	135,3
	M14x1,5	8L	205.11112LC				19	81,50		34	151,50
	M16x1,5	10L	205.11112LD				22	85,20		26	127,50
10	M16x1,5	8S	205.11112MD	450Bar	22	30	24	75,20	34	27	138,20
	M18x1,5	10S	205.11112ME				22				
	M20x1,5	12S	205.11112MF				22				
	M14x1,5	8L	205.11113LC				19	85,50		34	156,50
13	M16x1,5	10L	205.11113LD	400Bar	27	36	22	86,50	41,80	35	157,50
	M18x1,5	12L	205.11113LE				24	75,50		24	136,50
	M22x1,5	15L	205.11113LG				27				
	M26x1,5	18L	205.11113LI				30	86,50		33	157,50
20	M18x1,5	10S	205.11113ME	400Bar	36	41	24	75,50	48	24	136,50
	M20x1,5	12S	205.11113MF				22				
	M22x1,5	14S	205.11113MG				27	86,50		35	157,50
	M24x1,5	16S	205.11113MH				30				
25	M18x1,5	12I	205.11114LE	400Bar	36	41	24	86	48	26	157
	M22x1,5	15L	205.11114LG				27	93		33	171
	M26x1,5	18L	205.11114LI				30				
	M30x2	22L	205.11114LJ				36	94		34	173
32	M24x1,5	16S	205.11114MH	400Bar	36	41	30	89	48	29	173
	M30x2	20S	205.11114MJ				36	96		36	163
	M26x1,5	18L	205.11115LI				30	99,50		33	185,50
	M30x2	22L	205.11115LJ				36	100,50		34	187,50
25	M36x2	28L	205.11115LK	300Bar	41	55	41		59,80		
	M45x2	35L	205.11115LM				55	102,50		36	191,50
	M30x2	20S	205.11115MJ				36	101,50		35	189,50
	M36x2	25S	205.11115MK				41	104,50		38	195,50
32	M42x2	30S	205.11115ML	410Bar	50	75	50		143	40	199,50
	M52x2	38S	205.11115MN				65	106,50			
	M42x2	30S	205.11116ML							40	284

STANDARD FEMALE MODELS

DN	ØA	ØT	REF.		CH1	E/C	CH3	B	ØA1	E	L
06	M12x1,5	6L	205.12111LB	450Bar	19	24	19	74	Rd 24x2	24	121,3
	M14x1,5	8L	205.12111LC				17	81		34	135,3
	M14x1,5	8L	205.12112LC				19	85		34	151,50
	M16x1,5	10L	205.12112LD				22	77		26	127,50
10	M16x1,5	8S	205.12112MD	450Bar	22	24	24	780	Rd 28x2	27	138,20
	M18x1,5	10S	205.12112ME				22				
	M20x1,5	12S	205.12112MF				22				
	M14x1,5	8L	205.12113LC				19	88		34	156,50
13	M16x1,5	10L	205.12113LD	400Bar	27	32	22	89	Rd36x2	35	157,50
	M18x1,5	12L	205.12113LE				24	78		24	136,50
	M22x1,5	15L	205.12113LG				27				
	M26x1,5	18L	205.12113LI				30	89		35	157,50
20	M18x1,5	10S	205.12113ME	400Bar	36	36	24	78	Rd 42x2	24	136,50
	M20x1,5	12S	205.12113MF				22				
	M22x1,5	14S	205.12113MG				27	88		35	157,50
	M24x1,5	16S	205.12113MH				30				
25	M18x1,5	12I	205.12114LE	400Bar	36	36	24	92	Rd 48x3	26	157
	M22x1,5	15L	205.12114LG				27	93		33	171
	M26x1,5	18L	205.12114LI				30				
	M30x2	22L	205.12114LJ				36	99		34	173
32	M24x1,5	16S	205.12114MH	400Bar	36	36	30	100	Rd 48x3	29	173
	M30x2	20S	205.12114MJ				36	95		36	163
	M26x1,5	18L	205.12115LI				30	112		33	185,50
	M30x2	22L	205.12115LJ				36	113		34	187,50
25	M36x2	28L	205.12115LK	300Bar	41	41	41		Rd 48x3		
	M45x2	35L	205.12115LM				55	115		36	191,50
	M30x2	20S	205.12115MJ				36	114		35	189,50
	M36x2	25S	205.12115MK				41	117		38	195,50
32	M42x2	30S	205.12115ML	410Bar	50	60	50		Rd 70x3	40	199,50
	M52x2	38S	205.12115MN				65	119			
	M42x2	30S	205.12116ML							40	284

205-5



205 SERIES STG

PLUGS
& CAPS

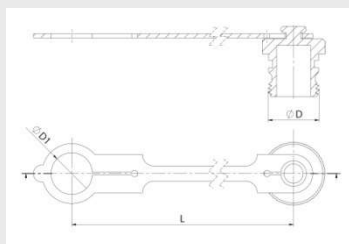
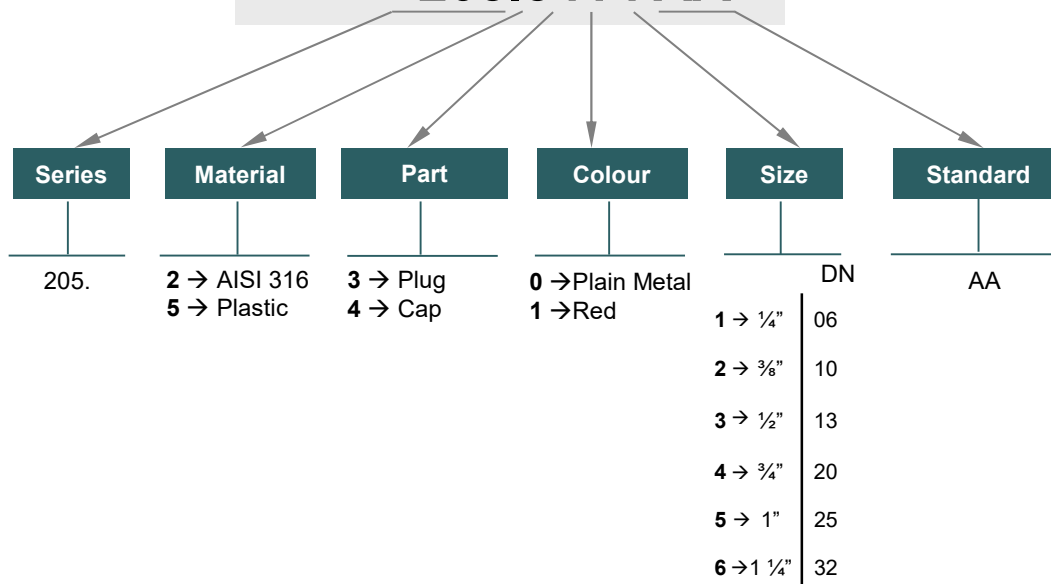
INTEVA

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

MODEL STRUCTURE

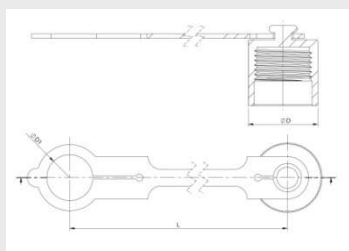
Example:

205.5414 AA



PLUG

DN	REF.	ØD	ØD1	L
06	205.5311AA	Rd 24x2	20	90
10	205.5312AA	Rd 28x2	24	100
13	205.5313AA	Rd 36x2	29,50	135
20	205.5314AA	Rd 42x2	37	187
25	205.5315AA	Rd 48x3	41	145
32	205.5316AA	Rd 70x3	55	200



CAP

DN	REF.	ØD	ØD1	L
06	205.5411AA	Rd 24x2	20	90
10	205.5412AA	Rd 28x2	24	100
13	205.5413AA	Rd 36x2	29,50	135
20	205.5414AA	Rd 42x2	37	187
25	205.5415AA	Rd 48x3	41	145
32	205.5416AA	Rd 70x3	55	200



206 SERIES SRK

DIN 2353



DIN2353 and other threads available upon request.
AISI 316 available but only for minimum quantities.

• Materials

Carbon Steel *EN -10277-3 / AISI 316L*

O-ring: NBR, Viton or EPDM

Back-up-ring: PTFE

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

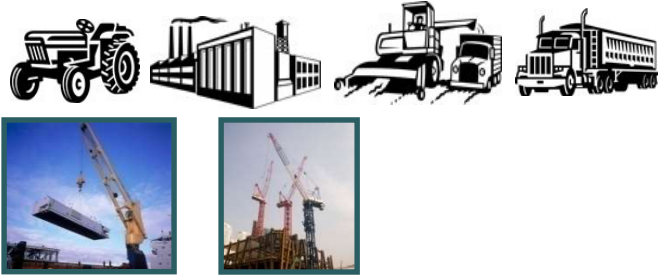
• Working temperature (O-ring)

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

- **Applications:** Designed for Oil hydraulic Applications
Hammer Application

- **Equivalence:** Voswinkel Serie RH
Argus Serie RK

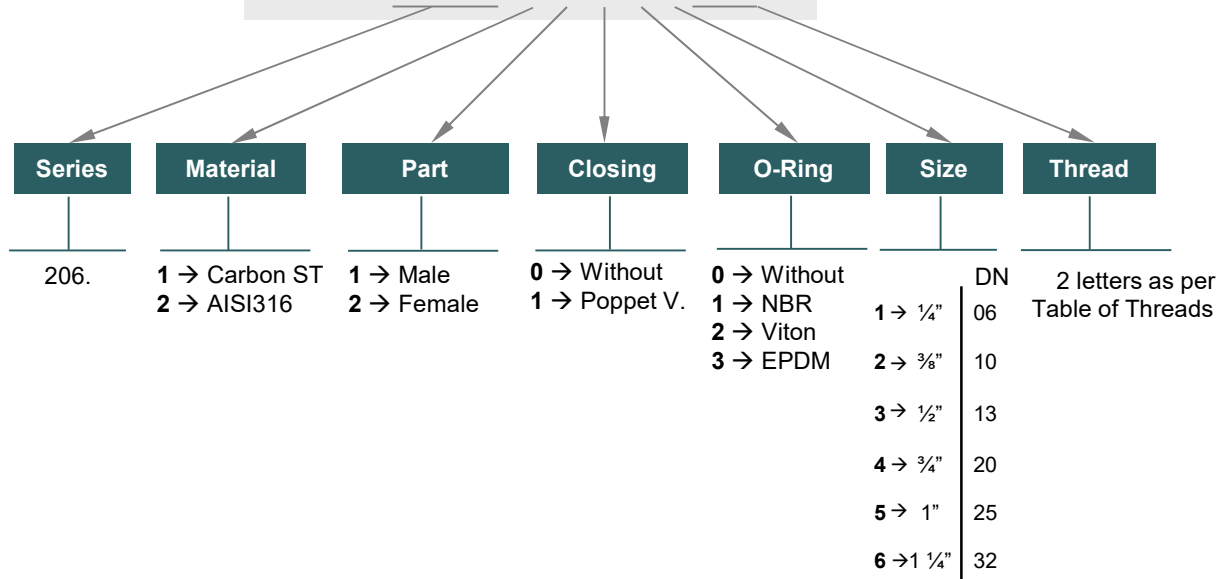
- **Sectors:** Industrial, Agricultural, Construction machinery.



MODEL STRUCTURE

Example:

206.12115 AF



206-1

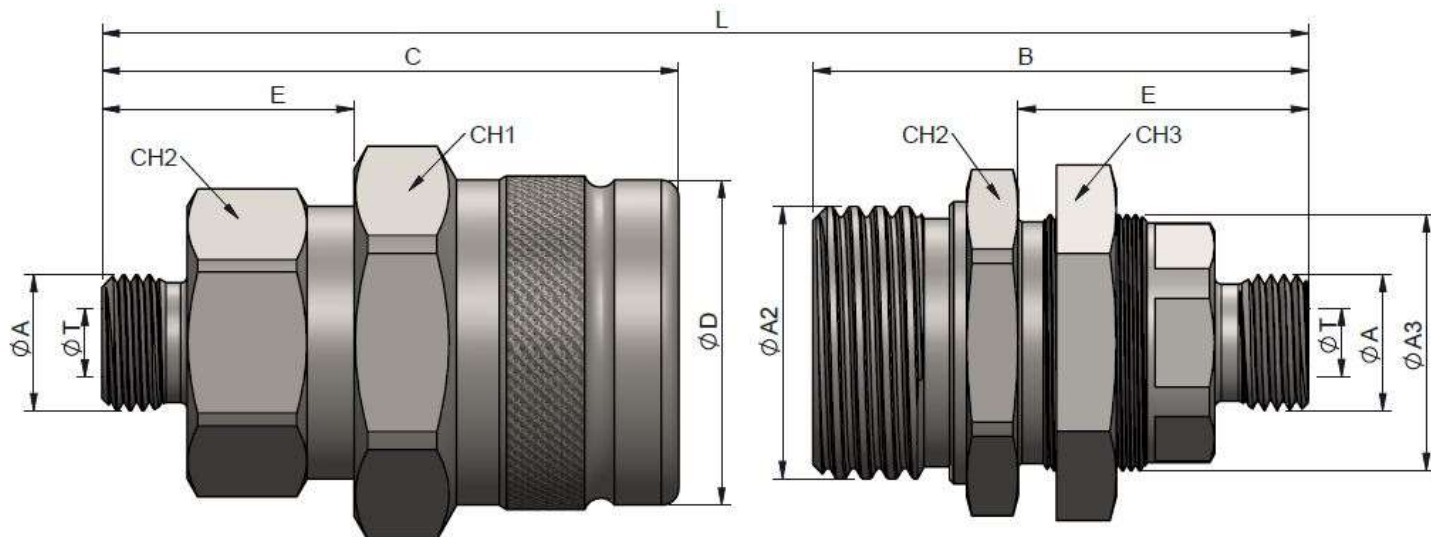


206 SERIES SRK

DIN2353



DN10



STANDARD MALE MODELS

STANDARD FEMALE MODELS

DN	ØA	ØT	REF.		CH1	CH2	C	ØD	E	L	
10	M14x1.5	8L	206.11112JC		400Bar	41	32	67.5	38	29.5	111.5
	M16x1.5	10L	206.11112JD								
	M18x1.5	12L	206.11112JE								
	M18x1.5	10S	206.11112KE								
	M20x1.5	12S	206.11112KF								
	M22x1.5	15L	206.11112JG								
	M22x1.5	14S	206.11112KG								
	M24x1.5	16S	206.11112KH								

DN	ØA	ØT	REF.		ØA2	ØA3	CH2	CH3	E	B	L	
10	M14x1.5	8L	206.12112JC		400Bar	Rd 32x3	M30x1	36	36	34	58	111.5
	M16x1.5	10L	206.12112JD									
	M18x1.5	12L	206.12112JE									
	M18x1.5	10S	206.12112KE									
	M20x1.5	12S	206.12112KF									
	M22x1.5	15L	206.12112JG									
	M22x1.5	14S	206.12112KG									
	M24x1.5	16S	206.12112KH									

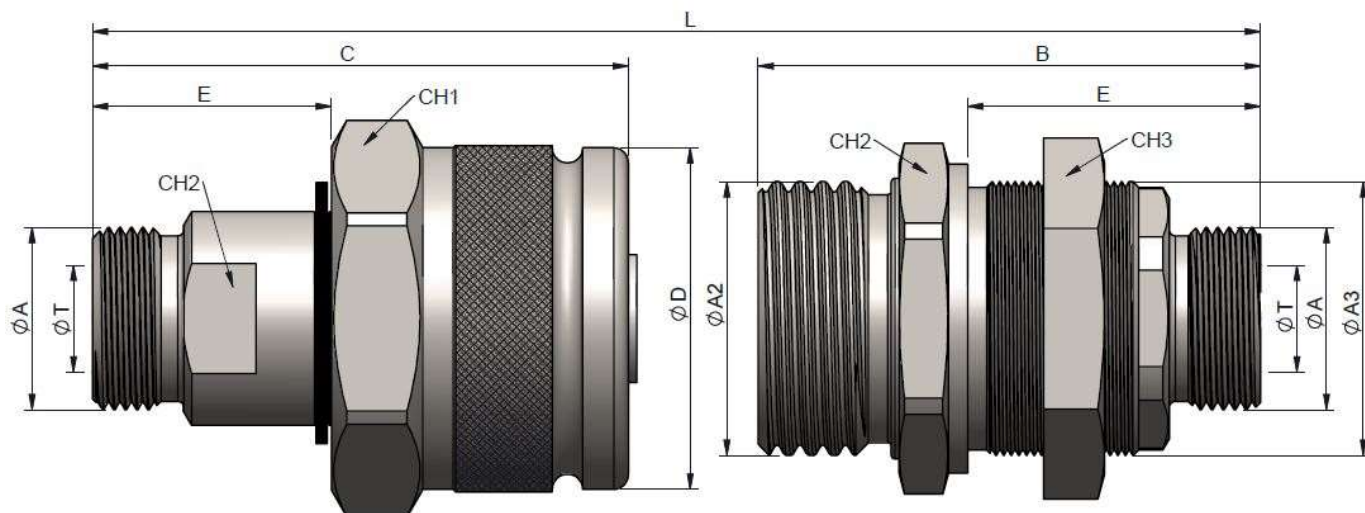


206 SERIES SRK

DIN2353



DN13



STANDARD MALE MODELS

STANDARD FEMALE MODELS

DN	ØA	ØT	REF.		CH1	CH2	C	ØD	E	L	DN	ØA	ØT	REF.		ØA2	ØA3	CH2	CH3	E	B	L
13	M18x1.5	12L	206.11113JE	300Bar	46	41	70.4	44.8	31.4	127.5	13	M18x1.5	12L	206.12113JE	300Bar	Rd 36x3	M36x1	41	41	38.5	66	127.5
	M22x1.5	15L	206.11113JG									M22x1.5	15L	206.12113JG								
	M22x1.5	14S	206.11113KG									M22x1.5	14S	206.12113KG								
	M24x1.5	16S	206.11113KH									M24x1.5	16S	206.12113KH								
	M26x1.5	18L	206.11113JI									M26x1.5	18L	206.12113JI								

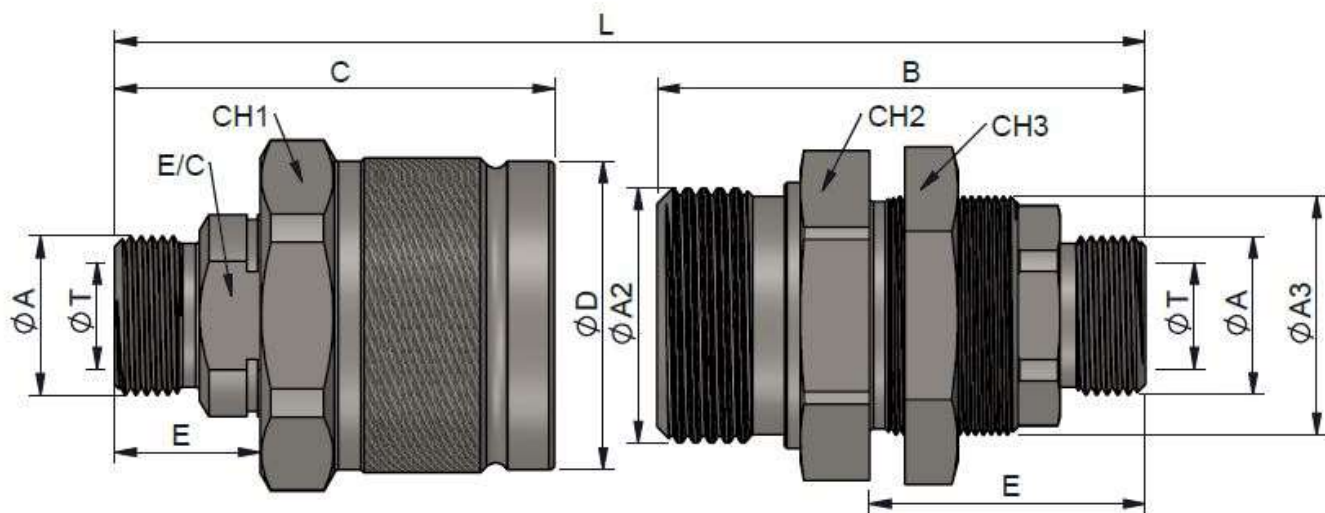


206 SERIES SRK

DIN2353



DN20



STANDARD MALE MODELS

STANDARD FEMALE MODELS

DN	ØA	ØT	REF.		CH1	E/C	C	ØD	E	L	DN	ØA	ØT	REF.		ØA2	ØA3	CH2	CH3	E	B	L
20	M26x1.5	18L	206.11114JI		60	32	82.9	58	27.4	140	20	M26x1.5	18L	206.12114JI		Rd 48x3	M45x1.5	55	55	52	92	140
	M30x2	22L	206.11114JJ									M30x2	22L	206.12114JJ								
	M30x2	20S	206.11114KJ									M30x2	20S	206.12114KJ								
	M36x2	25S	206.11114KK									M36x2	25S	206.12114KK								

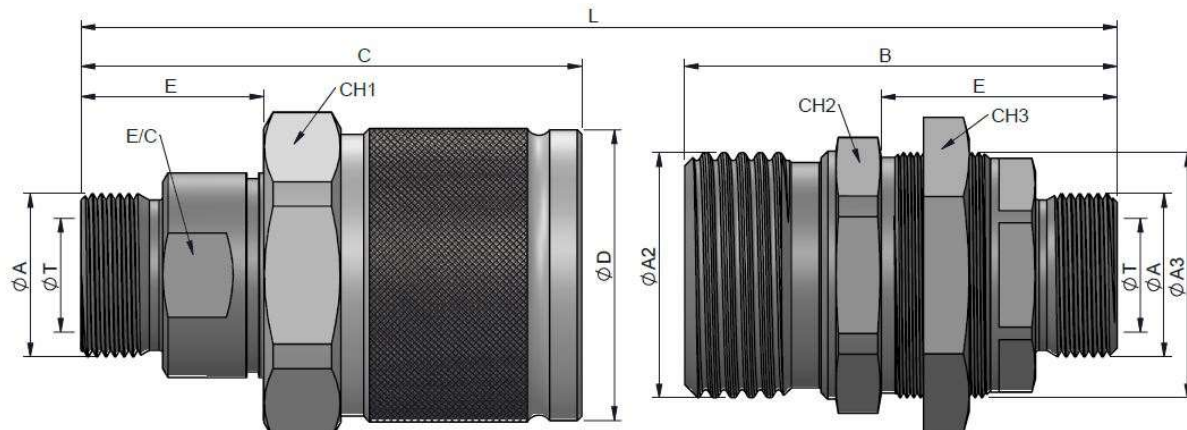


206 SERIES SRK

DIN2353



DN25

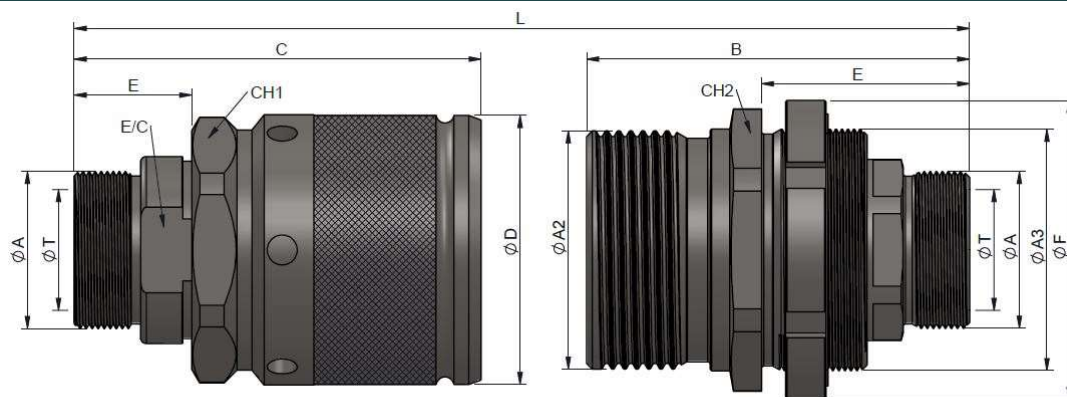


STANDARD MALE MODELS

STANDARD FEMALE MODELS

DN	ØA	ØT	REF.		CH1	E/C	C	ØD	E	L	DN	ØA	ØT	REF.		ØA2	ØA3	CH2	CH3	E	B	L	
25	M30x2	22L	206.11115JJ		300Bar	65	41	110.2	63.9	40.2	184	25	M30x2	22L	206.12115JJ		Rd 54x4	M54x1.5	55	60	51.9	95.2	184
	M30x2	20S	206.11115KJ										M30x2	20S	206.12115KJ								
	M36x2	28L	206.11115JK										M36x2	28L	206.12115JK								
	M36x2	25S	206.11115KK										M36x2	25S	206.12115KK								
	M42x2	30S	206.11115KL										M42x2	30S	206.12115KL								

DN32



STANDARD MALE MODELS

STANDARD FEMALE MODELS

DN	ØA	ØT	REF.		CH1	E/C	C	ØD	E	L	DN	ØA	ØT	REF.		ØA2	ØA3	CH2	ØF	E	B	L		
32	M45x2	35L	206.11116JM		420Bar	80	55	135	89	39	223	32	M45x2	35L	206.12116JM		420Bar	Rd 79x4	M80x2	85	100	69	127	223
	M52x2	38S	206.11116KN										M52x2	38S	206.12116KN									



206 SERIES SRK

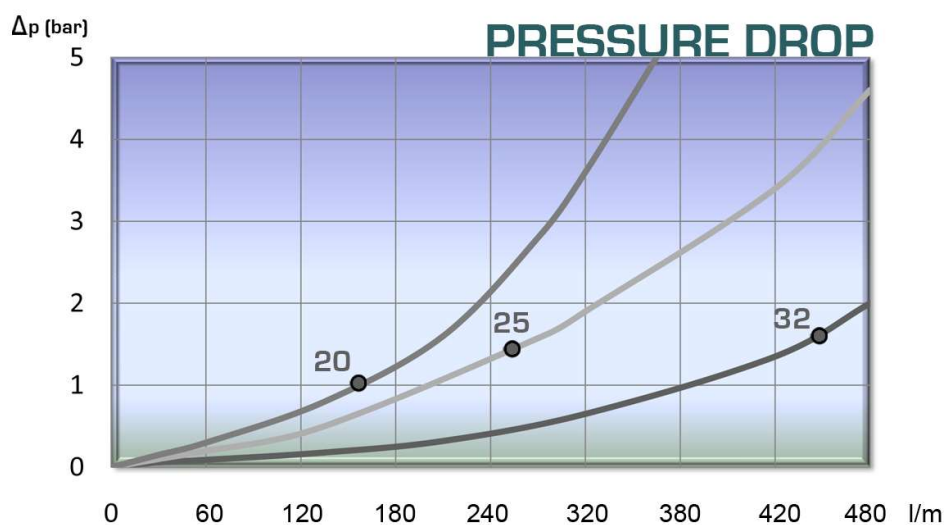
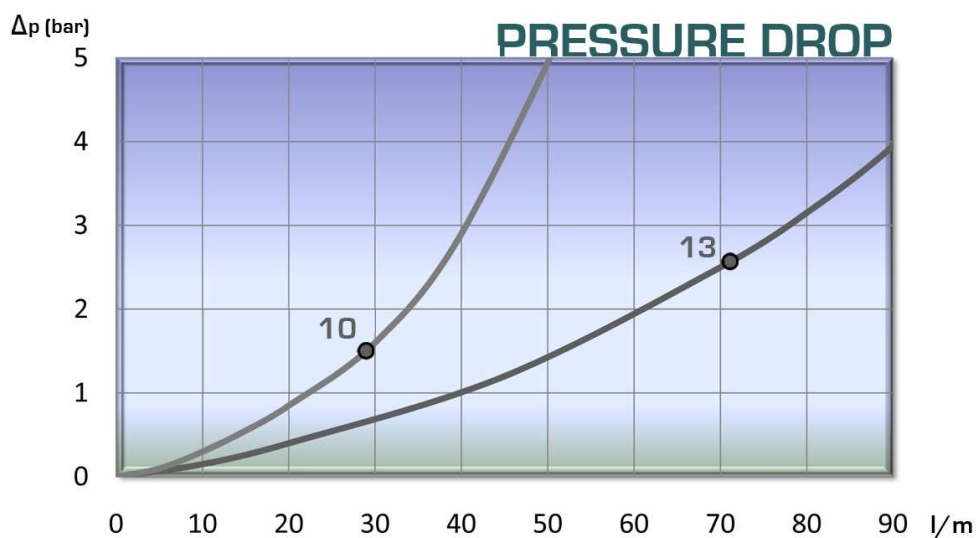
DIN2353



TECHNICAL DATA

DN	Rated Flow	Min Burst Pressure (bar)			Max. Working Pressure
		Male	Female	Coupled	
10	29 l/m	1500	1580	1600	400 Bar
13	72 l/m	1200	1150	1200	300 Bar
20	135 l/m	1250	1300	1280	320 Bar
25	250 l/m	1200	1150	1200	300 Bar
32	430 l/m	1550	1600	1680	420 Bar

Test performed according to ISO 18869



206-7



206 SERIES SRK

PLUGS
& CAPS

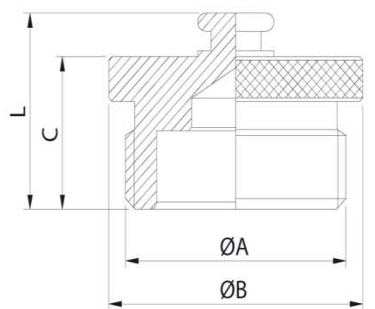
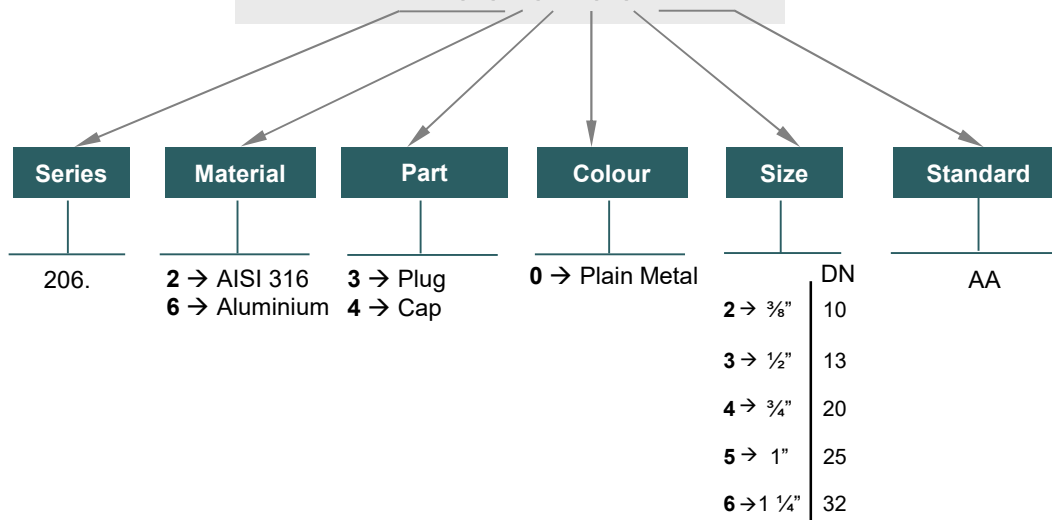


SRK SERIES PLUGS, CAPS and have been designed to protect FEMALE (coupler) or MALE (nipple) parts while they are disconnected.

MODEL STRUCTURE

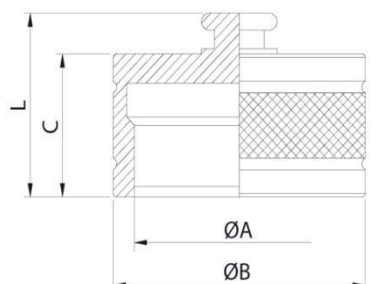
Example:

206.6403 AA



PLUG

DN	REF.	ØA	ØB	C	L
10	206.6302AA	32x3	39	25	31
13	206.6303AA	36x3	44,5	25	31
20	206.6304AA	48x3	59	32	38
25	206.6305AA	54x4	64	39	45
32	206.6306AA	79x4	89,5	44	50



CAP

DN	REF.	ØA	ØB	C	L
10	206.6402AA	32x3	39	26	32
13	206.6403AA	36x3	44,5	24	30
20	206.6404AA	48x3	59	34	40
25	206.6405AA	54x4	64	42	48
32	206.6406AA	79x4	89,5	74	80



207 SERIES CAT



DIN3852 and other threads available upon request.
AISI 316 available but only for minimum quantities.

• Materials

Carbon Steel *EN -10277-3 / AISI 316L*

O-ring: NBR, Viton or EPDM

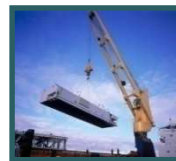
Back-up-ring: PTFE

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

• Working temperature (O-ring)

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

• Sectors: Industrial, Agricultural, Construction machinery.



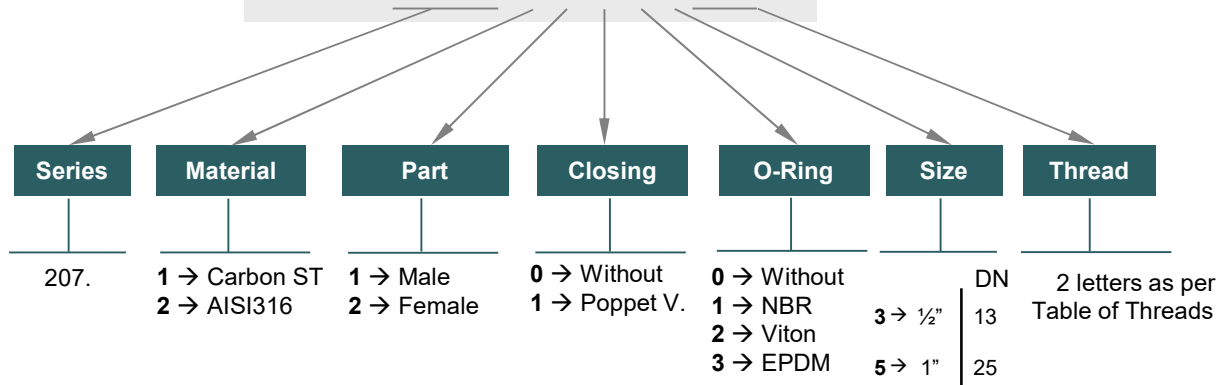
- **Applications:** Designed for Oil hydraulic Applications.
Hammer Application

- **Equivalence:** DNP VAV

MODEL STRUCTURE

Example:

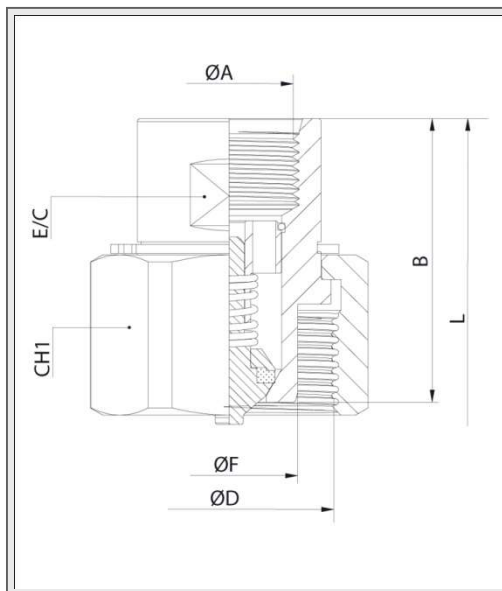
207.12113 NG



207-1

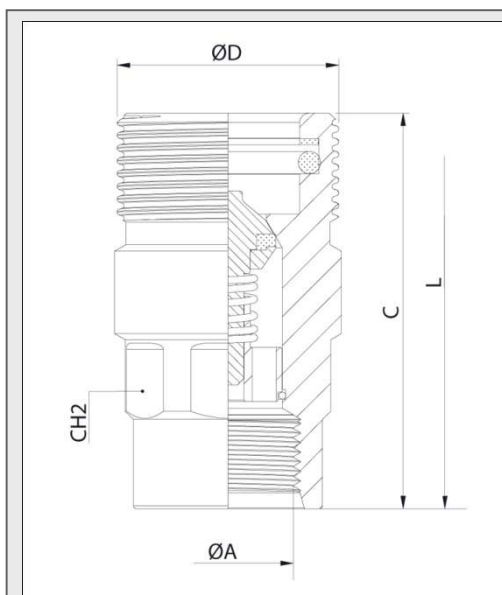


207 SERIES CAT



MALE

DN	ØA	E/C	CH1	B	ØF	ØD	L	REF.	
13	M22x1,5	27	41	46	22,25	Rd 35x2	92	207.11113NG	400 Bar
13	½" BSP	27	41	46	22,25	Rd 35x2	92	207.11113AD	400 Bar
25	M30x1,5	38	65	68	38	Rd 54x3	134	207.11115NS	360 Bar
25	1" BSP	38	65	68	38	Rd 54x3	134	207.11115AF	360 Bar



FEMALE

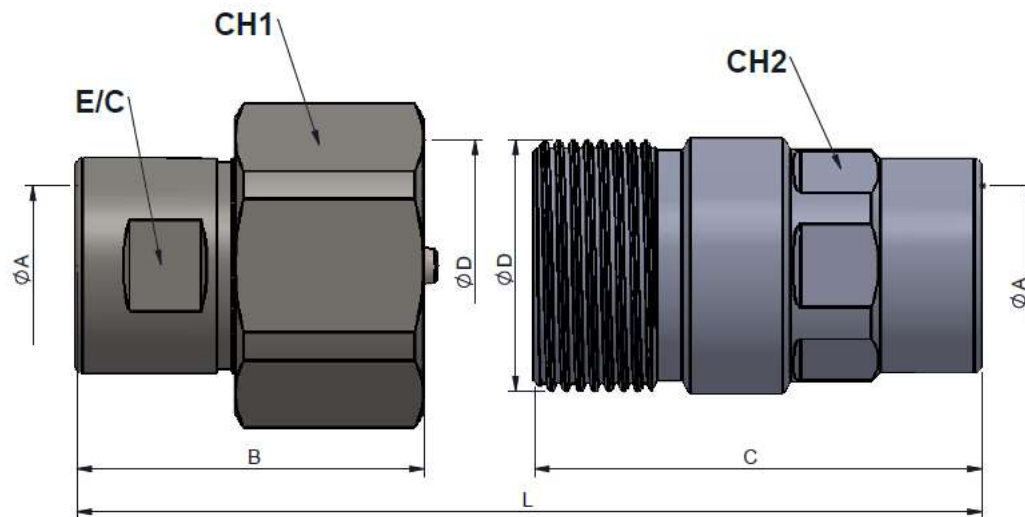
DN	ØA	CH2	C	ØD	L	REF.	
13	M22x1,5	30	62	Rd 35x2	92	207.12113NG	400Bar
13	½" BSP	30	62	Rd 35x2	92	207.12113AD	400Bar
25	M30x1,5	46	96	Rd 54x3	134	207.12115NS	360 Bar
25	1" BSP	46	96	Rd 54x3	134	207.12115AF	360 Bar



207 SERIES CAT



M22x1.5 DN13

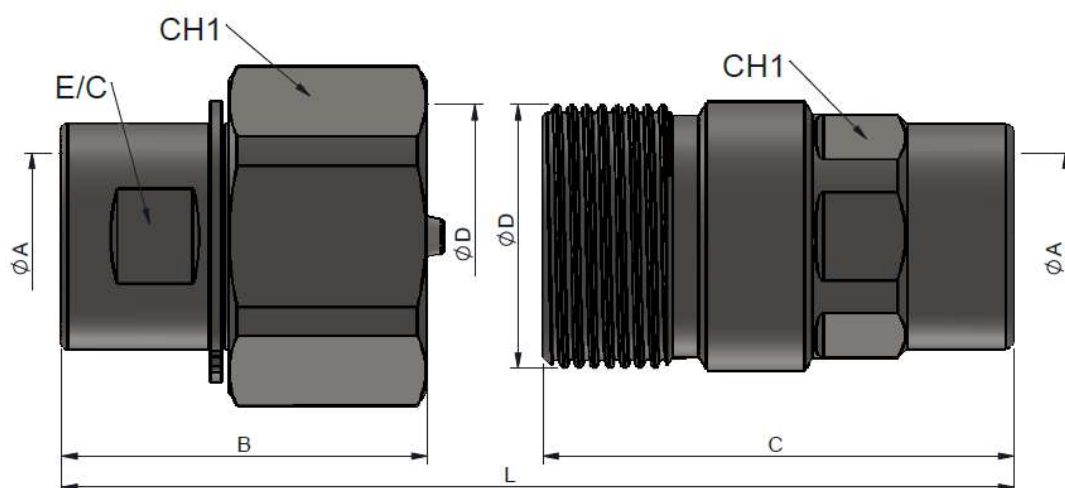


STANDARD MALE MODELS

STANDARD FEMALE MODELS

DN	ØA	REF.		CH1	E/C	ØD	B	L	DN	ØA	REF.		CH2	C	ØD	L
13	M22x1.5	207.11113NG	400Bar	41	27	Rd 35x2	48	92	13	M22x1.5	207.12113NG	400Bar	30	62	Rd 35x2	92

1/2" BSP DN13



STANDARD MALE MODELS

STANDARD FEMALE MODELS

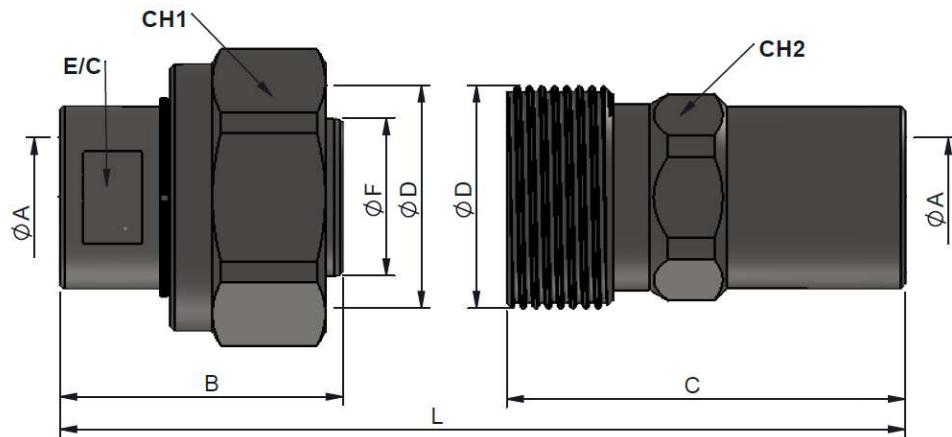
DN	ØA	REF.		CH1	E/C	ØD	B	L	DN	ØA	REF.		CH2	C	ØD	L
13	1/2" BSP	207.11113AD	400Bar	41	27	Rd 35x2	48	92	13	1/2" BSP	207.12113AD	400Bar	30	62	Rd 35x2	92



207 SERIES CAT



M30x1.5 DN25

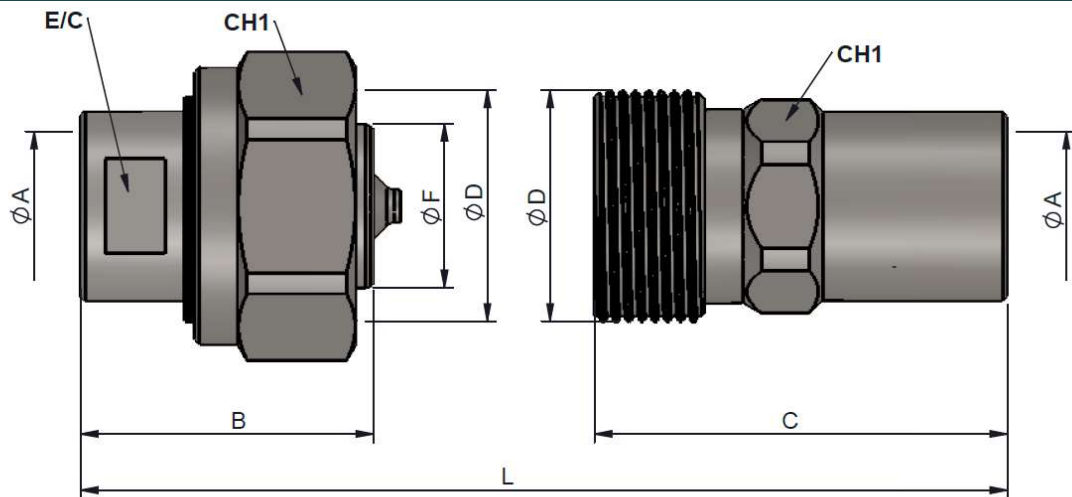


MODELOS MACHO ESTÁNDAR

MODELOS HEMBRA ESTÁNDAR

DN	ØA	REF.		CH1	E/C	ØF	ØD	B	L	DN	ØA	REF.		CH2	C	ØD	L
25	M30x1.5	207.11115NS	360Bar	65	38	38	Rd 54x3	68	134	25	M30x1.5	207.12115NS	360Bar	46	96	Rd 54x3	134

1" BSP DN25



MODELOS MACHO ESTÁNDAR

MODELOS HEMBRA ESTÁNDAR

DN	ØA	REF.		CH1	E/C	ØF	ØD	B	L	DN	ØA	REF.		CH2	C	ØD	L
25	1" BSP	207.11115AF	360Bar	65	38	38	Rd 54x3	68	134	25	1" BSP	207.12115AF	360Bar	46	96	Rd 54x3	134



207 SERIES

CAT

PLUGS
& CAPS

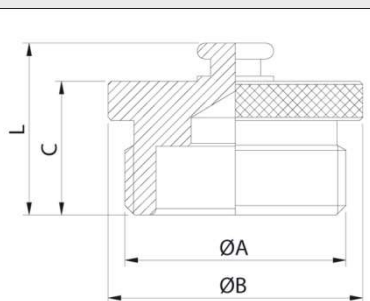
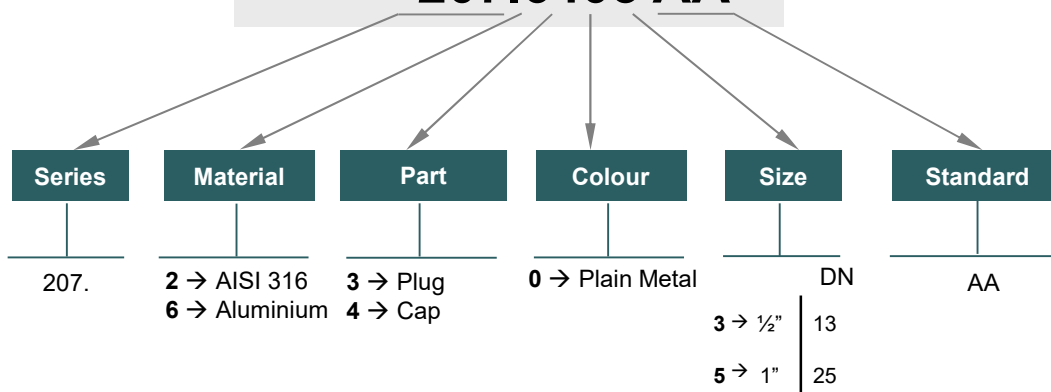


CAT SERIES PLUGS, CAPS and have been designed to protect FEMALE (coupler) or MALE (nipple) parts while they are disconnected.

MODEL STRUCTURE

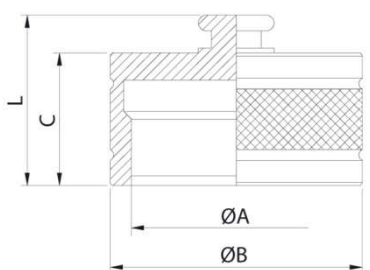
Example:

207.6403 AA



PLUG

DN	REF.	ØA	ØB	C	L
13	207.6303AA	Rd 35x2	40	21	27
25	207.6305AA	Rd 54x3	60	37,5	43,5



CAP

DN	REF.	ØA	ØB	C	L
13	207.6403AA	Rd 35x2	40	21	27
25	207.6405AA	Rd 54x3	60	29	35

207-3



231 SERIES VPR



Flat Valve which avoids fluid leakages during the connection and disconnection.

• Materials

Carbon Steel *EN -10277-3 / AISI 316L*

O-ring: **NBR. Viton or EPDM**

Back-up-ring: **PTFE**

Balls: *AISI 1010/1015*

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

• **Applications:** Designed for Oil hydraulic Applications.
Hammer Application

• Equivalence

Stucchi VEP

• Working temperature (O-ring)

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

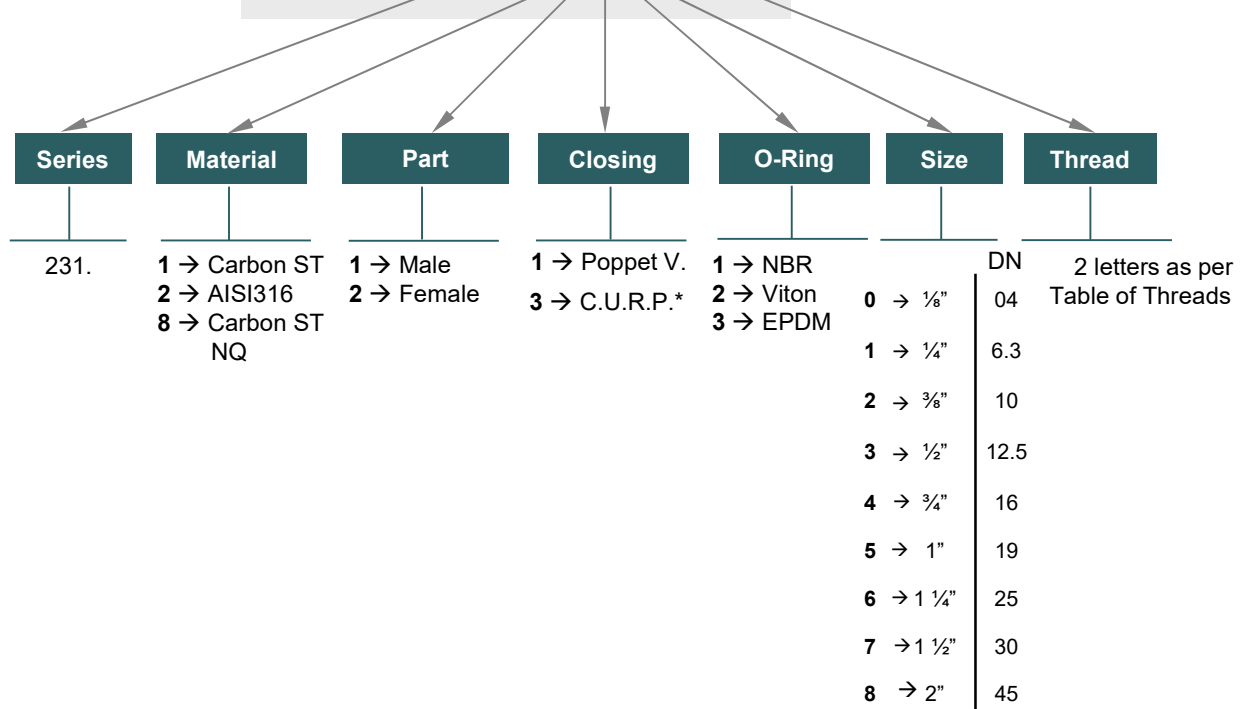
• **Sectors:** Industrial, Building Machinery



MODEL STRUCTURE

Example:

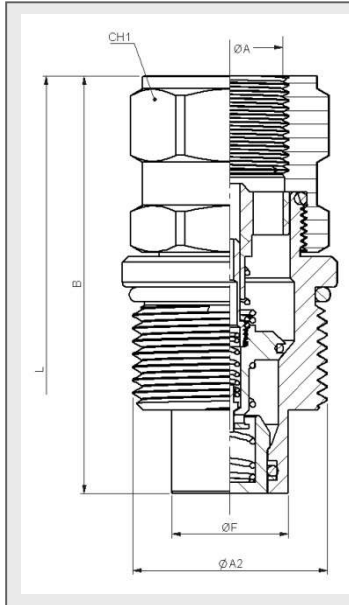
231.12313 AD



* C.U.R.P. IS AVAILABLE IN MALE PART ONLY

231-1

231 SERIES VPR

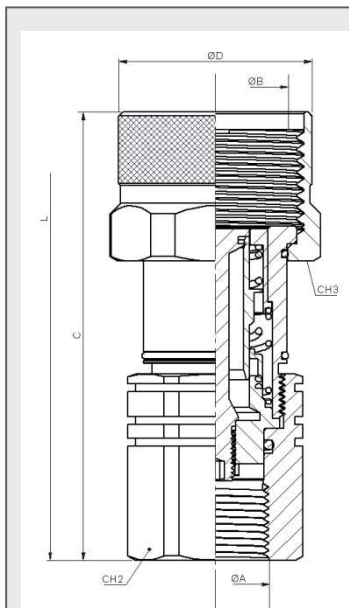


MALE

DN	CH1	B	ØA	ØA2	ØF	L
04	19	70	1/8" BSP	M20x2	11,65	90
6.3	22	75	1/4" BSP	M30x2	12,20	110
10	30	73	3/8" BSP	M33x2	19,80	129
12.5	36	85,25	1/2" BSP	M40x3	24,50	155
16	41	97	3/4" BSP	M45x3	27,05	165
19	41	110	1" BSP	M50x3	30,00	188
25	55	133	1 1/4" BSP	M58x3	36,00	230
30	65	135	1 1/2" BSP	M80x4	57,00	255
45	90	220	2" BSP	M130x6	72,95	385

STANDARD MODELS

DN	ØA	MACHO	HEMBRA	
04	1/8" BSP	231.11110AA	231.12110AA	600Bar
	1/8" NPTF	231.11110BA	231.12110BA	
6.3	1/4" BSP	231.11111AB	231.12111AB	600Bar
	1/4" NPTF	231.11111BB	231.12111BB	
10	3/8" BSP	231.11312AC	231.12112AC	550Bar
	3/8" NPTF	231.11312BC	231.12112BC	
	1/2" BSP	231.11312AD	231.12112AD	
	1/2" NPTF	231.11312BD	231.12112BD	
	3/4" -16ORB	231.11312GF	231.12112GF	
	7/8" -14ORB	231.11312GH	231.12112GH	
12.5	1/2" BSP	231.11313AD	231.12113AD	550Bar
	1/2" NPTF	231.11313BD	231.12113BD	
	3/4" BSP	231.11313AE	231.12113AE	
	3/4" NPTF	231.11313BE	231.12113BE	
	7/8" - 14ORB	231.11313GH	231.12113GH	
	1 1/16" -12ORB	231.11313GK	231.12113GK	
16	3/4" BSP	231.11314AE	231.12114AE	470Bar
	1 1/16" -12ORB	231.11314GK	231.12114GK	
19	1" BSP	231.11315AF	231.12115AF	500Bar
	1 5/16" -12ORB	231.11315GO	231.12115GO	
25	1 1/4" BSP	231.11316AG	231.12116AG	470Bar
	1 1/4" NPTF	231.11316BG	231.12116BG	
30	1 1/2" BSP	231.11317AH	231.12117AH	400Bar
	1 1/2" NPTF	231.11317BH	231.12117BH	
45	2" BSP	231.11318AI	231.12118AI	350Bar



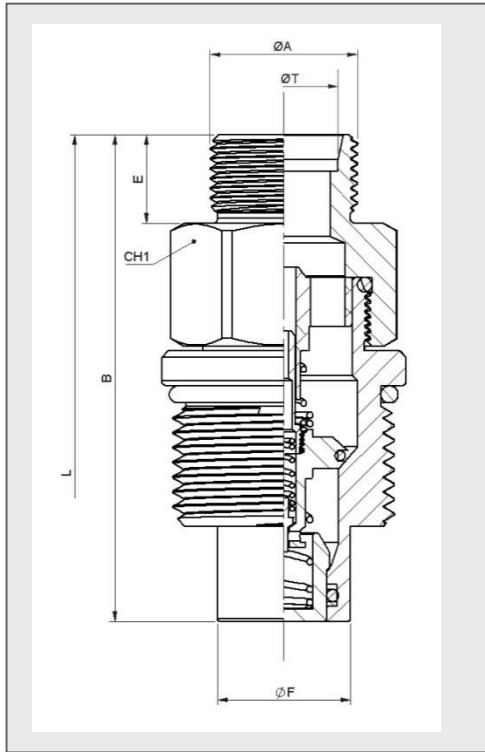
FEMALE

DN	C	CH2	CH3	ØA	ØB	ØD	L
04	50	17	30	1/8" BSP	M20x2	29,5	90
6.3	55	27	36	1/4" BSP	M30x2	26,5	110
10	96	30	38	3/8" BSP	M33x2	37,50	129
12.5	109	41	46	1/2" BSP	M40x3	45,50	155
16	116	41	50	3/4" BSP	M45x3	49,75	165
19	133	46	55	1" BSP	M50x3	54,50	188
25	159	55	65	1 1/4" BSP	M58x3	64	230
30	160	65	85	1 1/2" BSP	M80x4	84	255
45	225	90	-	2" BSP	M130x6	149	385

231 SERIES

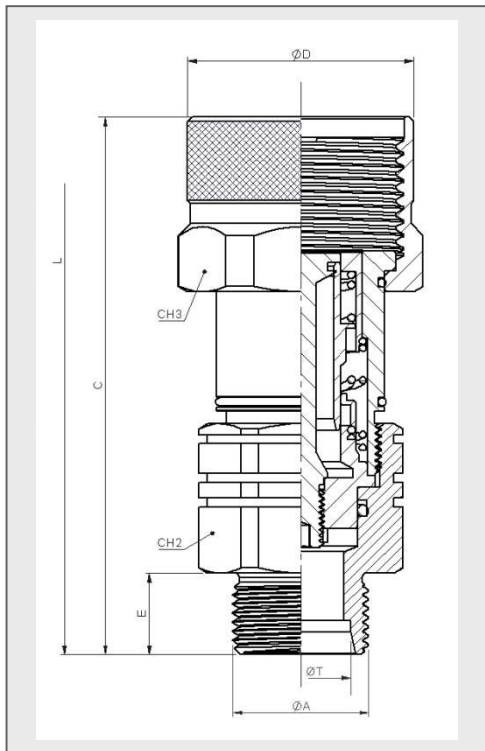
VPR

DIN2353



STANDARD MODELS (MALE)

DN	ØA	ØT	REF.		CH1	B	ØF	E	L
6.3	M12x1,5	6L	231.11111JB	600Bar	22	55	16,2	12	106,2
	M14x1,5	8L	231.11111JC			54		11	104,2
	3/8" BSP M.	*	231.11312AN			62,5		12	124,4
	M14x1,5	8L	231.11312JC			61,5		11	122,2
10	M16x1,5	10L	231.11312JD	550Bar	30	62,5	19,79	12	124,4
	M16x1,5	8S	231.11312KD						
	M18x1,5	10S	231.11312KE						
	M20x1,5	12S	231.11312KF						
	M14x1,5	8L	231.11313JC			73		11	134,9
	M16x1,5	10L	231.11313JD						
12.5	M18x1,5	12L	231.11313JE	550Bar	36	74	24,58	12	136,9
	M22x1,5	15L	231.11313JG						
	M26x1,5	18L	231.11313JI						
	M18x1,5	10S	231.11313KE						
	M20x1,5	12S	231.11313KF						
	M22x1,5	14S	231.11313KG						
16	M24x1,5	16S	231.11313KH	550Bar	41	74	27,08	12	139,5
	M18x1,5	12L	231.11314JE						
	M22x1,5	15L	231.11314JG						
	M26x1,5	18L	231.11314JI						
	M30x2	22L	231.11314JJ					18	151,5
	M22x1,5	14S	231.11314KG			74		12	139,5
19	M24x1,5	16S	231.11314KH	500Bar	41	80	30	18	151,5
	M30x2	20S	231.11314KJ					12	152,2
	M26x1,5	18L	231.11315JI						
	M30x2	22L	231.11315JJ			88		18	164,2
	M36x2	28L	231.11315JK			81		18	157,2
	M45x2	35L	231.11315JM			46		16	151,2
19	M30x2	20S	231.11315KJ	500Bar	41	86	30	18	163,2
	M36x2	25S	231.11315KK						
	M42x2	30S	231.11315KL						
	M52x2	38S	231.11315KN			81		20	153,2



STANDARD MODELS (FEMALE)

DN	ØA	ØT	REF.		CH2	C	ØD	E	L
6.3	M12x1,5	6L	231.12111JB	600Bar	27	62	27,5	12	106,2
	M14x1,5	8L	231.12111JC			63		11	104,2
	3/8" BSP M.	*	231.12112AN			77,5		12	124,4
	M14x1,5	8L	231.12112JC			76,5		11	122,2
10	M16x1,5	10L	231.12112JD	550Bar	30	77,5	33	12	124,4
	M16x1,5	8S	231.12112KD						
	M18x1,5	10S	231.12112KE						
	M20x1,5	12S	231.12112KF						
	M14x1,5	8L	231.12113JC			79,5		11	134,9
	M16x1,5	10L	231.12113JD						
12.5	M18x1,5	12L	231.12113JE	550Bar	41	80,5	38,5	12	136,9
	M22x1,5	15L	231.12113JG						
	M26x1,5	18L	231.12113JI						
	M18x1,5	10S	231.12113KE						
	M20x1,5	12S	231.12113KF						
	M22x1,5	14S	231.12113KG						
16	M24x1,5	16S	231.12113KH	550Bar	41	83,1	42	12	139,5
	M18x1,5	12L	231.12114JE						
	M22x1,5	15L	231.12114JG						
	M26x1,5	18L	231.12114JI						
	M30x2	22L	231.12114JJ			89,1		18	151,5
	M22x1,5	14S	231.12114KG			83,1		12	139,5
19	M24x1,5	16S	231.12114KH	500Bar	46	92	30	18	151,5
	M30x2	20S	231.12114KJ					12	152,2
	M26x1,5	18L	231.12115JI						
	M30x2	22L	231.12115JJ			98		18	164,2
	M36x2	28L	231.12115JK			92		18	157,2
	M45x2	35L	231.12115JM			92		16	151,2
19	M30x2	20S	231.12115KJ	500Bar	46	99	30	18	163,2
	M36x2	25S	231.12115KK						
	M42x2	30S	231.12115KL						
	M52x2	38S	231.12115KN			94		20	153,2

231-3



231 SERIES VPR

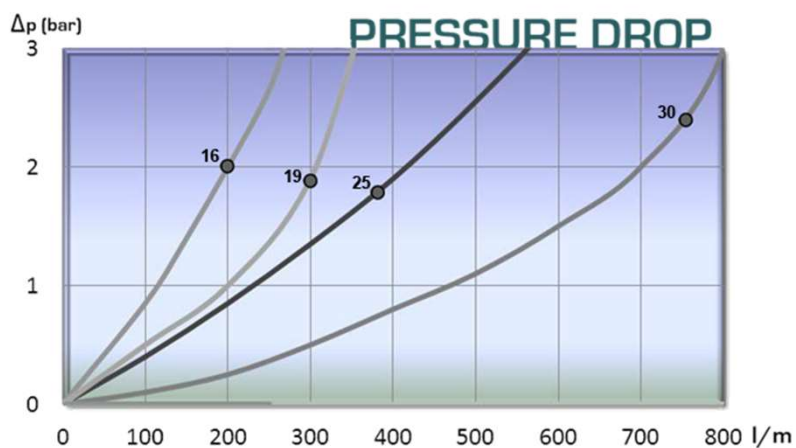
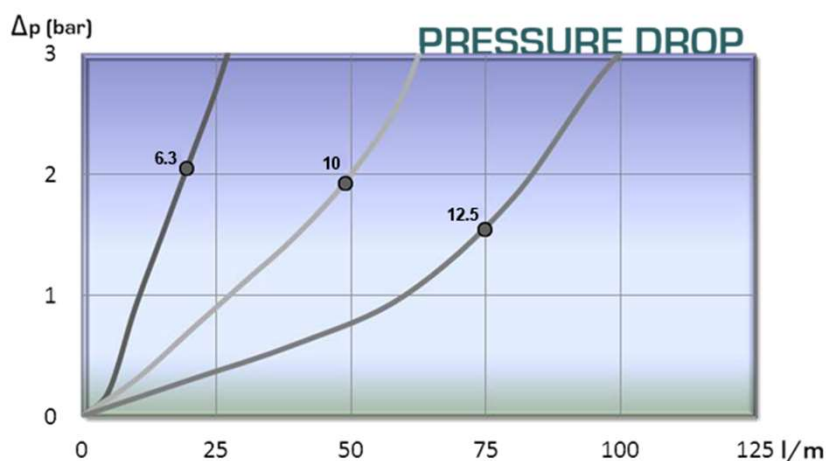


TECHNICAL DATA

Carbon Steel and Stainless Steel AISI316

DN	Flow Rate	Min. Burst Pressure (Bar)			Max. Working Pressure			Spillage
		Male	Female	Coupled	Male	Female	Coupled	
04	5 l/m	1500	1300	1500	600	430	600	0,011
6.3	25 l/m	1500	1260	1500	600	420	600	0,012
10	45 l/m	1400	1000	1400	550	330	550	0,040
12.5	90 l/m	1400	1000	1400	550	330	550	0,025
16	150 l/m	1400	1000	1400	550	330	550	0,033
19	200 l/m	1250	1000	1250	500	330	500	0,018
25	350 l/m	1200	800	1200	470	300	470	0,060
30	750 l/m	1100	800	1100	400	270	400	0,200
45	1000 l/m	1100	800	1100	350	270	350	0,350

Test performed according to ISO 18869



231-4



231 SERIES VPR

PLUGS
& CAPS



VPR 231SERIES PLUGS/ CAPS have been designed to protect **FEMALE** (coupler) or **MALE** (nipple) parts while they are disconnected.

• Materials

Cuerpo: aluminum/ AISI 316L

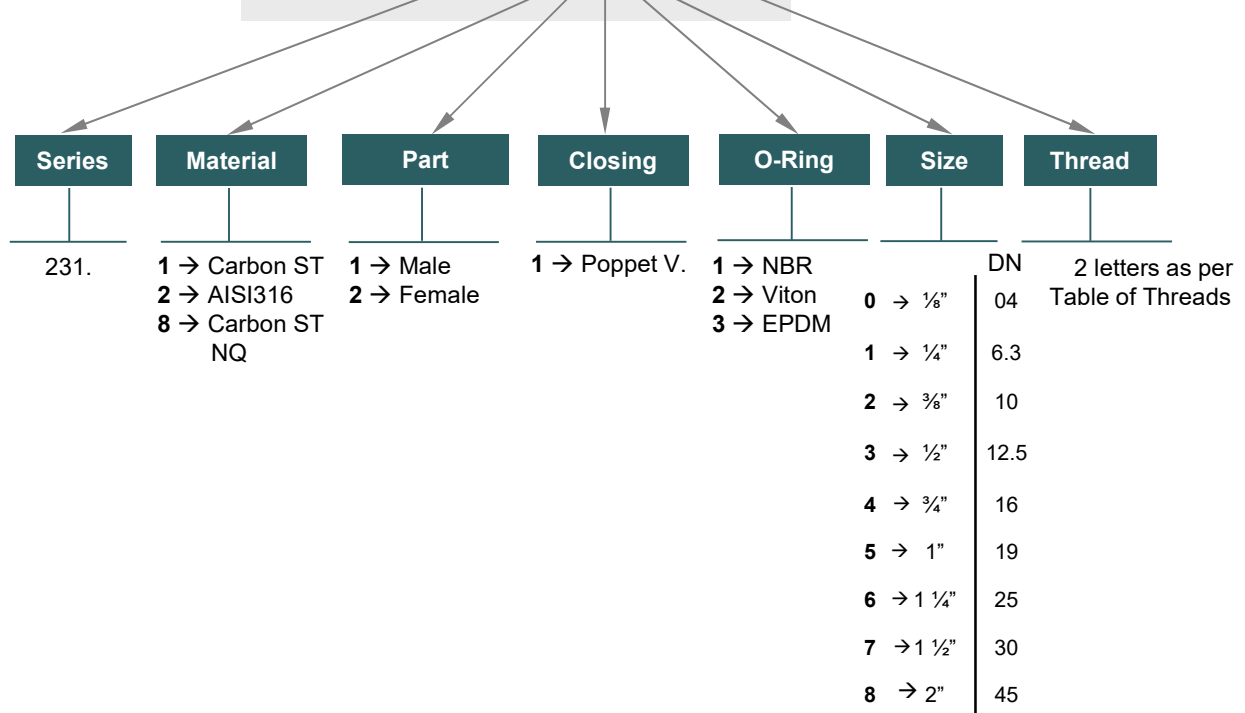
•Sectors: Industrial, Building Machinery.



MODEL STRUCTURE

Example:

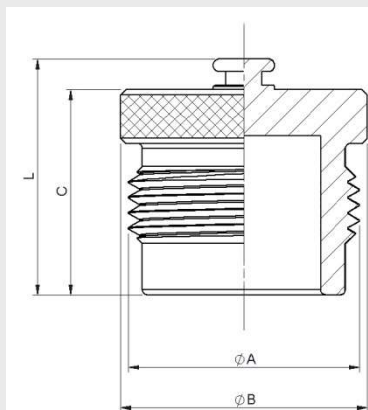
231.6301AA



231-5

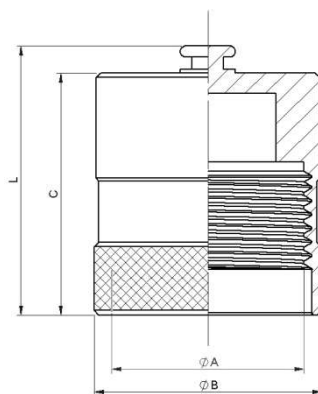


231 SERIES VPR



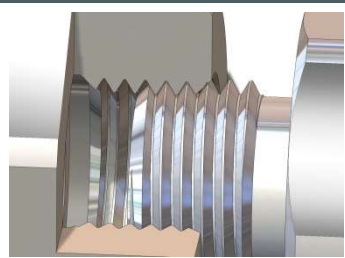
PLUG

DN	REF.	ØA	ØB	C	L
04	231.6300AA	M20x2	25	28	34
6.3	231.6301AA	M30x2	35	30	36
10	231.6302AA	M33x2	38	32	38
12.5	231.6303AA	M40x3	46	35	41
16	231.6304AA	M45x3	50	39	45
19	231.6305AA	M50x3	55	50	56
25	231.6306AA	M58x3	65	55	61
30	231.6307AA	M80x4	90	65	71
45	231.6308AA	M130x6	145	85	91



CAP

DN	REF.	ØA	ØB	C	L
04	231.6400AA	M20x2	25	34	40
6.3	231.6401AA	M30x2	35	45	61
10	231.6402AA	M33x2	38	50	56
12.5	231.6403AA	M40x3	46	52	58
16	231.6404AA	M45x3	50	55	61
19	231.6405AA	M50x3	55	65	71
25	231.6406AA	M58x3	65	65	71
30	231.6407AA	M80x4	90	80	86
45	231.6408AA	M130x6	145	130	136



SERIE 999 THREADS



METRIC THREADS ISO 261

FINAL CONECTION

DIN 3852-1 B / ISO 9974-3

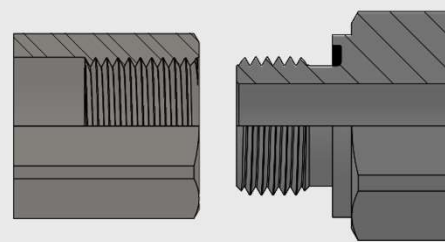
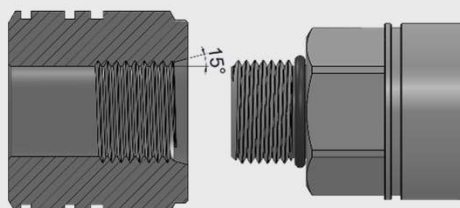
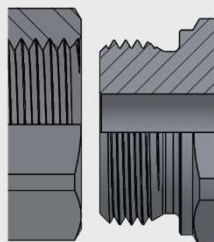
THREAD	FEMALE	MALE
M8x1	NA	PA
M10x1	NB	PB
M12x1,5	NC	PC
M14x1,5	ND	PD
M16x1,5	NE	PE
M18x1,5	NF	PF
M20x1,5	NG	PG
M22x1,5	NH	PH
M24x1,5	NI	PI
M26x1,5	NO	PO
M27x2	-	-
M30X2	NJ	PJ
M33x2	NK	PK
M42x2	NL	PL
M48x2	NM	PM

ISO 6149-2 (ORB)

THREAD	FEMALE	MALE
M8x1	EA	OA
M10x1	EC	OC
M12x1,5	EE	OE
M14x1,5	EF	OF
M16x1,5	EG	OG
M18x1,5	EH	OH
M20x1,5	EK	OK
M22x1,5	EM	OM
M27x2	-	-
M30X2	EJ	OJ
M33x2	EQ	OQ
M42x2	ET	OT
M48x2	EU	OU
M60x2	EV	OV

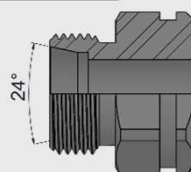
ISO 9974-2 (E) / DIN3852-11

THREAD	FEMALE	MALE
M8x1	NA	QA
M10x1	NB	QB
M12x1,5	NC	QC
M14x1,5	ND	QD
M16x1,5	NE	QE
M18x1,5	NF	QF
M20x1,5	NG	QG
M22x1,5	NH	QH
M26x1,5	NO	QO
M27x2	-	-
M30X2	NJ	QJ
M33x2	NK	QK
M42x2	NL	QL
M48x2	NM	QM



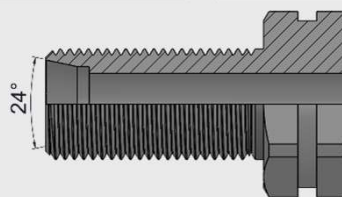
ISO 8434-1 / DIN3861

THREAD	L	THREAD	S
M12x1,5 6L	JB	M16x1,5 8S	KD
M14x1,5 8L	JC	M18x1,5 10S	KE
M16x1,5 10L	JD	M20x1,5 12S	KF
M18x1,5 12L	JE	M22x1,5 14S	KG
M22x1,5 15L	JG	M24x1,5 16S	KH
M26x1,5 18L	JI	M30x2 20S	KJ
M30x2 22L	JJ	M36x2 25S	KK
M36x2 28L	JK	M42x2 30S	KL
M45x2 35L	JM	M52x2 38S	KN
M52x2 42L	JN		

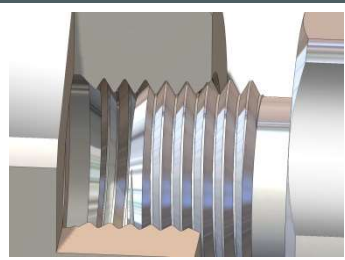


ISO 8434-1 Bulkhead / DIN3861

THREAD	L	THREAD	S
M12x1,5 6L	LB	M16x1,5 8S	MD
M14x1,5 8L	LC	M18x1,5 10S	ME
M16x1,5 10L	LD	M20x1,5 12S	MF
M18x1,5 12L	LE	M22x1,5 14S	MG
M22x1,5 15L	LG	M24x1,5 16S	MH
M26x1,5 18L	LI	M30x2 20S	MJ
M30x2 22L	LJ	M36x2 25S	MK
M36x2 28L	LK	M42x2 30S	ML
M45x2 35L	LM	M52x2 38S	MN



999-1



SERIE 999 THREADS

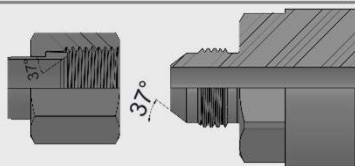


UNIFIED STEP THREADS ASME B1.1

FINAL CONECTION

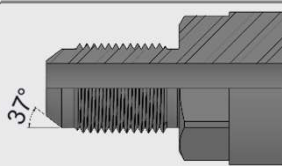
SAE 37° (JIC) / J514 ISO 8434-2

THREAD	FEMALE	MALE
3/8" -24UNF	UA	YA
7/16"-20UNF	UB	YB
1/2" - 20UNF	UC	YC
9/16"-18UNF	UD	YD
11/16"-16UN	UE	YE
3/4"-16UNF	UF	YF
13/16"-16UN	UG	YG
7/8"-14UNF	UH	YH
1 1/16"-12UN	UK	YK
1 3/16"-12UN	UM	YM
1 5/16"-12UN	UO	YO
1 7/16"-12UN	UQ	YQ
1 5/8"-12UN	UT	YT
1 11/16"-12UN	UU	YU
1 7/8"-12UN	UV	YV



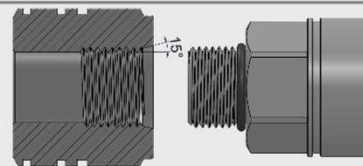
SAE 37° (JIC) / J514 ISO 8434-2(Bulkhead)

THREAD	FEMALE	MALE
3/8" -24UNF	-	YAP
7/16"-20UNF	-	YBP
1/2" - 20UNF	-	YCP
9/16"-18UNF	-	YDP
11/16"-16UN	-	YEP
3/4"-16UNF	-	YFP
13/16"-16UN	-	YGP
7/8"-14UNF	-	YHP
1 1/16"-12UN	-	YKP
1 3/16"-12UN	-	YMP
1 5/16"-12UN	-	YOP
1 7/16"-12UN	-	YQP
1 5/8"-12UN	-	YTP
1 11/16"-12UN	-	YUP
1 7/8"-12UN	-	YVP



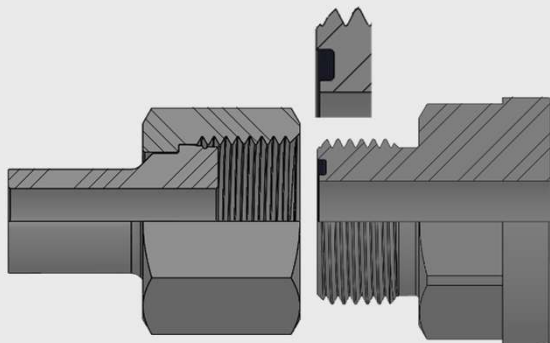
SAE J1926 / ISO 11926 (ORB)

THREAD	FEMALE SAE J1926-1	MALE SAE J1926-2
3/8" 24UNF	GA	HA
7/16"-20UNF	GB	HB
1/2" - 20UNF	GC	HC
9/16"-18UNF	GD	HD
11/16"-16UN	GE	HE
3/4"-16UNF	GF	HF
13/16"-16UN	GG	HG
7/8"-14UNF	GH	HH
1 1/16"-12UN	GK	HK
1 3/16"-12UN	GM	HM
1 5/16"-12UN	GO	HO
1 7/16"-12UN	GQ	HQ
1 5/8"-12UN	GT	HT
1 11/16"-12UN	GU	HU
1 7/8"-12UN	GV	HV



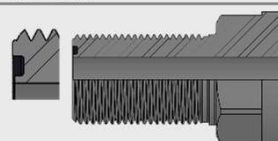
SAEJ1453 / ISO 8434-3 (ORFS)

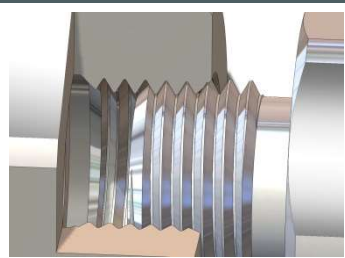
THREAD	FEMALE	MALE
9/16"-18UNF	VD	ZD
11/16"-16UN	VE	ZE
13/16"-16UN	VG	ZG
1"-14UNS	VI	ZI
1 3/16"-12UN	VM	ZM
1 5/16"-12UN	VO	ZO
1 7/16"-12UN	VQ	ZQ
1 11/16"-12UN	VU	ZU



SAEJ1453 / ISO 8434-3 (ORFS Bulkhead)

THREAD	FEMALE	MALE
3/8" -24UNF	-	ZAP
7/16"-20UNF	-	ZBP
1/2" - 20UNF	-	ZCP
9/16"-18UNF	-	ZDP
11/16"-16UN	-	ZEP
3/4"-16UNF	-	ZFP
13/16"-16UN	-	ZGP
7/8"-14UNF	-	ZHP
1" - 16UNS	-	ZIP
1 1/16"-12UN	-	ZKP
1 3/16"-12UN	-	ZMP
1 5/16"-12UN	-	ZOP
1 7/16"-12UN	-	ZQP
1 5/8"-12UN	-	ZTP
1 11/16"-12UN	-	ZUP
1 7/8"-12UN	-	ZVP



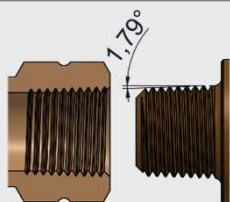


SERIE 999 THREADS

CONICAL THREADS

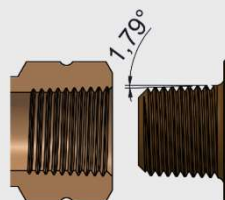
NPTF ASME B1.20.3

THREAD	FEMALE	MALE
1/8"	BA	BL
1/4"	BB	BM
3/8"	BC	BN
1/2"	BD	BO
3/4"	BE	BP
1"	BF	BQ
1 1/4"	BG	BR
1 1/2"	BH	BS
2"	BI	BT
2 1/2"	BJ	BU
3"	BK	BV



BSPT: ISO 7/1 / DIN 3852-2, TIPO C

THREAD	FEMALE	MALE
1/8"	DA	DL
1/4"	DB	DM
3/8"	DC	DN
1/2"	DD	DO
3/4"	DE	DP
1"	DF	DQ
1 1/4"	DG	DR
1 1/2"	DH	DS
2"	DI	DT

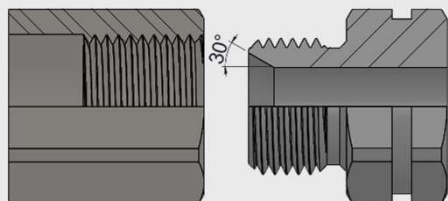


THREAD BSP ISO 228/1

FINAL CONECTION

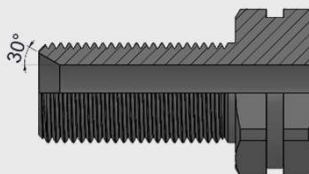
BSPP / BS5200

THREAD	FEMALE	MALE
1/8"	AA	AL
1/4"	AB	AM
3/8"	AC	AN
1/2"	AD	AO
3/4"	AE	AP
1"	AF	AQ
1 1/4"	AG	AR
1 1/2"	AH	AS
2"	AI	AT
2 1/2"	AJ	AU
3"	AK	AV



BSPP Bulkhead

THREAD	MALE
1/8"	CL
1/4"	CM
3/8"	CN
1/2"	CO
3/4"	CP
1"	CQ
1 1/4"	CR
1 1/2"	CS
2"	CT



SPECIALS

THREAD	
KFA	M20x1,5 Ø13,5
KFB	M20x1,5 Cone 60°
HFA	3/4"-16M. Without 37°
JDA	M16x1,5 Bulkhead M20x1,5
GFA	3/4"-16UNF cylinder
JGA	M22x1,5 Prolonged
JGB	M22x1,5 15L Long. Hex 35mm
LGA	M22 Bulkhead Prolonged

THREAD	FEMALE	MALE
3/8" -24UNF	VA	ZA
7/16" -20UNF	VB	ZB
1/2" - 20UNF	VC	ZC
3/4" -16UNF	VF	ZF
7/8" -14UNF	VH	ZH
1" - 16UNS	VI	ZI
1 1/16" -12UN	VK	ZK
1 5/8" -12UN	VT	ZT
1 7/8" -12UN	VV	ZV



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