



101 ISO-A Series



102 ISO-A Series (Multi-roscas)



103 ISO-B Series



104 DIN Series



105 PSH Series



106 DIA Series



107 PSM Series



109 SMP Series



1077 TNS Series



120 IFR Series



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quick couplings



123AGR + ISO-A Series



125TFH Series



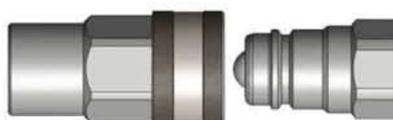
126TPL Series



127JAP Series



128TVZ Series



129ISO-A Series

(Camisa de Seguridad)



131CPR Series



136DRF Series



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190RBP Series



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quick couplings





Before installation!!!

- ✓ Read carefully the assembly and safety instructions.
- ✓ Installation of Quick Couplings can be only done by well **qualified personnel**.
- ✓ Check whether the product meets the requirement and if it has been damaged during transport.
- ✓ Ensure that quick coupling is suitable for installation, required pressure, connection, flow characteristic and is compatible with the medium used.
- ✓ Before installation clean up hose and pipes.
- ✓ Check that line temperature work within permitted limits.
- ✓ Verify if maximal working pressure is equal or higher than the peak pressures of the application.
- ✓ Verify that the number of cycle impulses of the product is compatible with those of the application.



Start-up!!

- ✓ Installation of Quick couplings can be only done if the circuit is depressurized.
- ✓ Make sure the energy supply is disconnected.
- ✓ Always wear protective clothing.
- ✓ Use flexible hoses to withstand better the system vibration and mechanical tensions on the couplings.
- ✓ Use appropriate tools to act only over flat sides of the couplings
- ✓ Hose must be installed so that the connection/disconnection can be done easily and aligned position.
- ✓ Make sure to work always within permitted limits on pressure and temperature.
- ✓ Lubricate the seals and run always a test connection to ensure both halves connect correctly.
- ✓ Connect screw couplings always up to the stop mark.



Storage

All our quick and screw couplings are brought through a heat and surface treatment to improve its conservation. We recommend:

- Store in cool, dry, and high places above the ground.
- Keep away from heat sources or direct impact of the sunlight.
- Review periodically the valves whether these have signs of corrosion, cracks and/or visible damages.



Maintenance

- To avoid unexpected damages, run regularly inspections. If during inspection or first runs following conditions are detected, system should be turned off and the product replaced:
 - ✓ Malfunction
 - ✓ Presence of leakage
 - ✓ Visible damages, cracks and or corrosion
 - ✓ Difficulties by connecting/disconnecting
 - ✓ System contamination
- Sealing components should be lubricated with compatible lubricant.
- The maintenance period should be defined by the end user depending on the type of application and operating conditions.

The functionality of the product can be affected by a wrong maintenance.



Warnings!!!

- ✗ **Avoid contaminating the hydraulic system.** Contaminated mediums can damage internal sealing components leading to leakages and malfunctions.
 - ✓ Before installation **clean up hose and pipes**.
 - ✓ Before connection **clean up** both halves male and female.
 - ✓ After disconnection **use our dust caps and plugs to protect** the couplings from dirt and external damages.
- ✗ **Lateral loads, vibration and mechanical stress in general, can cause misalignment of couplings** during connection / disconnection and can cause unwanted disconnection, damage the connection and sealing. It reduces significantly the life of the product. We recommend using flexible hoses.
- ✗ **Do never use inappropriate tool** e.g. clamp tools, hammers, key tools. It can damage the couplings leading to malfunction.
- ✗ While disconnecting, depending on the positioning and temperature the **residual pressure** can reach high values. **Do not use any tool to force the disconnection and relieve the pressure trapped inside.**
- ✗ **Operating over and under the permitted working pressure and temperature limits, leads to deterioration and leakages of the quick couplings.**
- ✗ **Do not connect and disconnect at temperatures < 80°C.** Operating between 30°C – 80°C use gloves and other safety devices to prevent injury itself, thirds, animals and/or objects.
- ✗ **Never rotate the couplings while under pressure.**
- ✗ **Use care if you must install quick couplings onto iron pipe.**
- ✗ In case of malfunction, quick coupling must be replaced by qualified personnel. First depressurize and drain the system. If necessary, out of service.
- ✗ **If our quick couplings are dismantled improperly without authorization, any warranty and damage claim against the manufacturer are null and void.**
- ✗ **Any changes on design or reworks on quick couplings e.g. dimensional or superficial, is strictly prohibited without previous consultation with the manufacturer.**
- ✗ This manual is not intended to replace any national regulation on accident prevention and local safety regulations of the operating company, which on this should be considered a priority.

INTEVA and its distributors are not responsible for damages caused on people or machines for an improper use or incorrect maintenance of the products.

The product selection, installation, maintenance and use, is under end users responsibility.

The distributor must ensure that that all product requirements are met and must inform the end user about the product use and maintenance.



Elimination

In compliance with the laws of each country on the disposal of industrial waste, the quick couplings in disuse must be eliminated taking into account that all components can be recycled.

Consider that:

- Elimination and removal must be done by qualified personnel only.
- Before extraction, depressurize pipes and circuit. The quick couplings must relieve pressure from its cavity as well.



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.



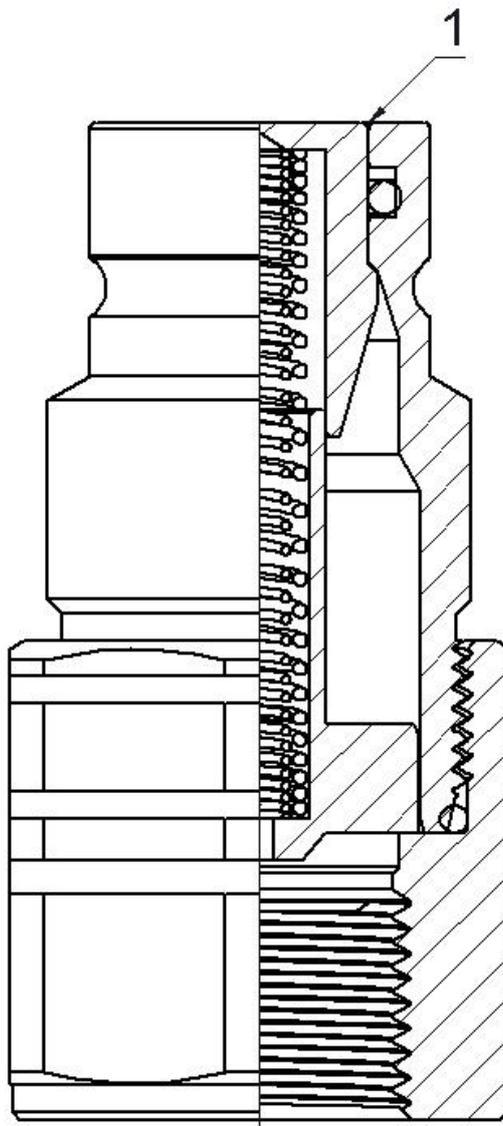
Recommendations...

- ✔ 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.



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.**

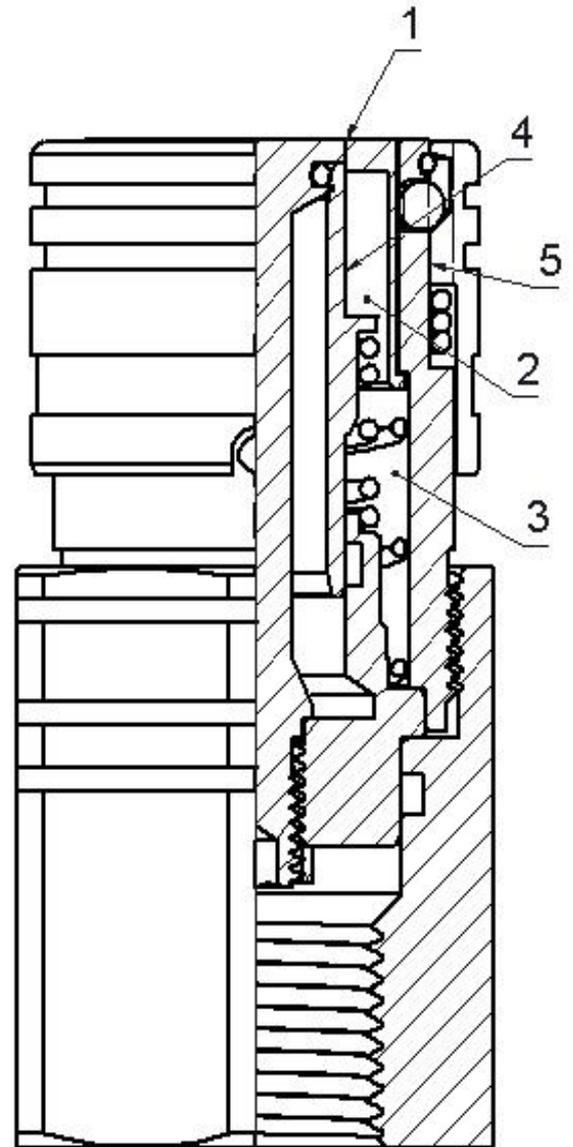


Dirt is the main cause of a malfunction on this part of the coupling.



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.



101 SERIES ISO-A



Manufactured according ISO 7241-A norm, DN13 size meets also ISO 5675 requirements.
Poppet Valve or Ball closing system.
BSP, NPTF, SAE/ORB threads. Others available upon request.

• Materials

Body: Carbon Steel EN -10277-3
Seals: NBR, Viton or EPDM
Back-Up-Ring: PTFE
Balls: AISI 1010/1015
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

• **Sectors:** Industrial, Agricultural

• Equivalence

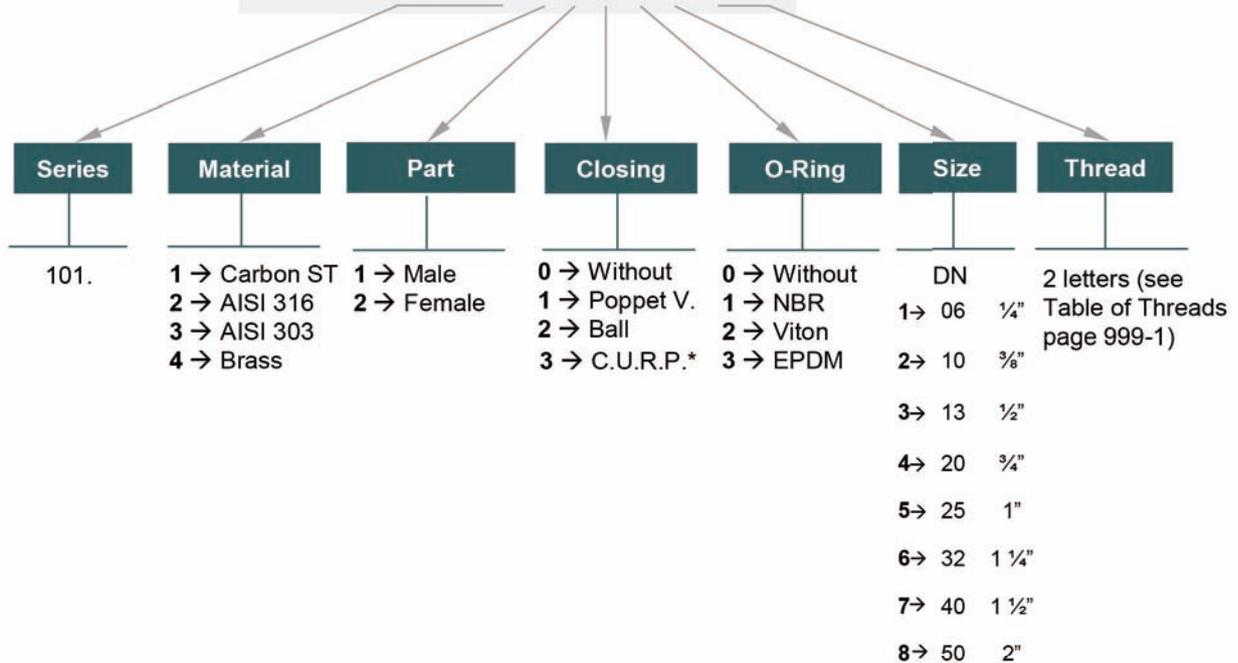
FASTER ANV
AEROQUIP FD56
PARKER 6600
SNAP-TITE 61



MODEL STRUCTURE

Example;

101.11112 AC

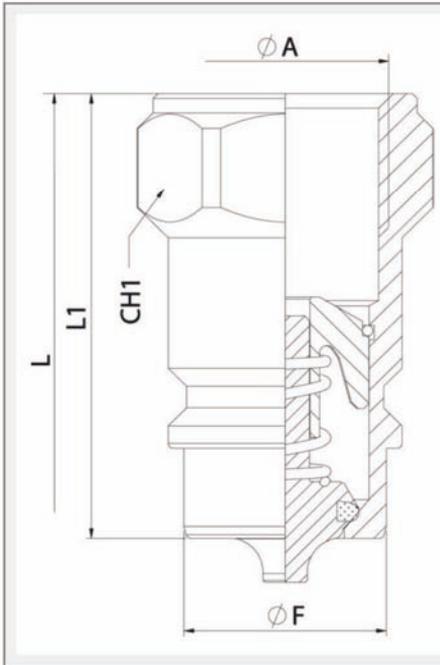


* DN13 available only.

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101 SERIES ISO-A



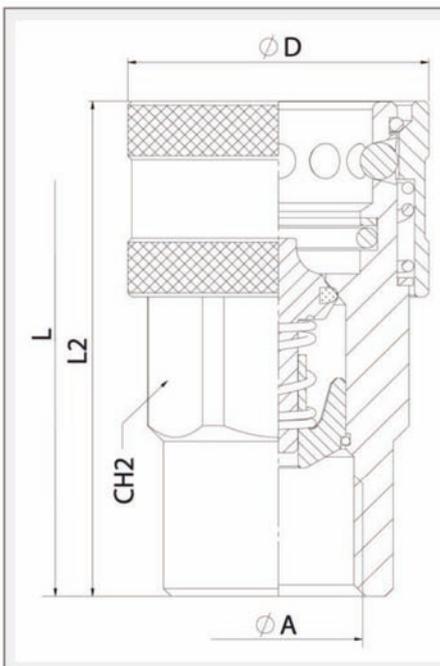
MALE				
DN	CH1	L1	ØF	L
06	19	38	11,80	76
10	22	40,50	17,25	81
13	27 30	46	20,56	87,50
20	36	56	29	112
25	41	63	34,30	126
32	50	75	44,95	150
40	60	83,5	55	167
50	75	105	65,10	210

Manufactured according to ISO 7241-A norm, DN13 size meets as well ISO 5675 requirements.

L= lenght while quick coupling is connected.

STANDARD MODELS

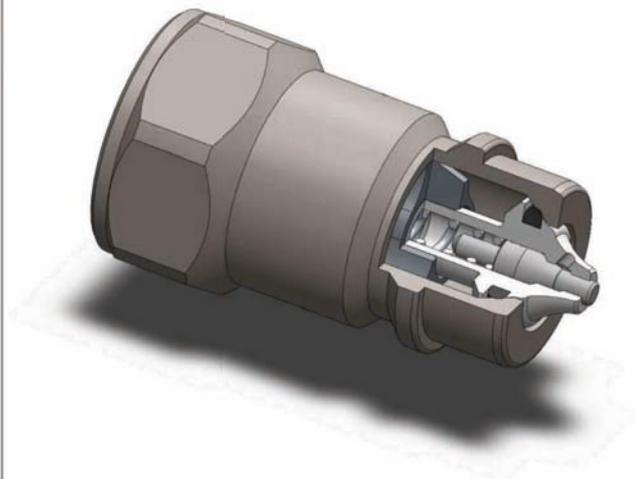
DN	ØA	MALE	FEMALE	
06	1/4" BSP	101.11111AB	101.12111AB	350Bar
	1/4" NPTF	101.11111BB	101.12111BB	
	3/8" BSP	101.11112AC	101.12112AC	
10	3/8" NPTF	101.11112BC	101.12112BC	300Bar
	3/8" BSPT	101.11112DC	101.12112DC	
	9/16" 18ORB	101.11112GC	101.12112GC	
	1/2" BSP	101.11113AD	101.12113AD	
13	1/2" NPTF	101.11113BD	101.12113BD	300Bar
	M22x1,5	101.11113NG	101.12113NG	
	3/4" - 16ORB	101.11113GF	101.12113GF	
	7/8" 14ORB	101.11113GH	101.12113GH	
	3/4" BSP	101.11114AE	101.12114AE	
20	3/4" NPTF	101.11114BE	101.12114BE	250Bar
	1 1/16" - 12ORB	101.11114GK	101.12114GK	
25	1" BSP	101.11115AF	101.12115AF	230Bar
	1" NPTF	101.11115BF	101.12115BF	
32	1 5/16" - 12ORB	101.11115GO	101.12115GO	230Bar
	1 1/4" BSP	101.11116AG	101.12116AG	
	1 1/4" NPTF	101.11116BG	101.12116BG	
40	1 1/2" BSP	101.11117AH	101.12117AH	200Bar
	1 1/2" NPTF	101.11117BH	101.12117BH	
50	2" BSP	101.11118AI	101.12118AI	130Bar
	2" NPTF	101.11118BI	101.12118BI	



FEMALE				
DN	CH2	L2	ØD	L
06	19	52	26	76
10	24	58,50	32	81
13	30	63,50	38	87,50
20	38	83,50	46	112
25	46	97	55	126
32	50	117	70	150
40	60	133	84,50	167
50	75	165	100	210

Manufactured according to ISO 7241-A norm, DN13 size meets as well ISO 5675 requirements

L= lenght while quick coupling is connected.



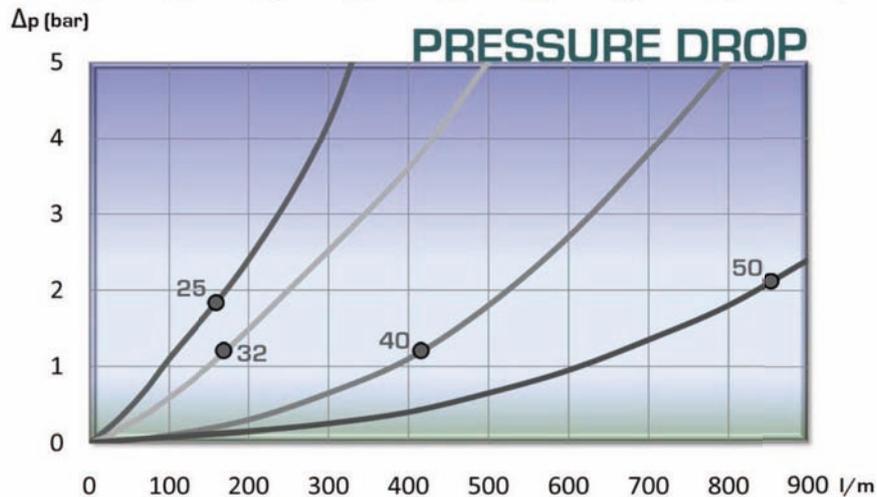
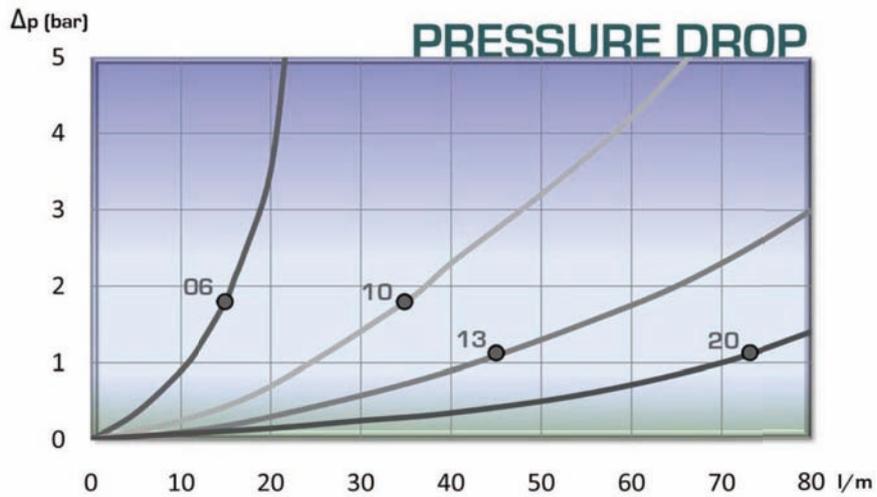
**C.U.R.P. connection is available in DN13
Up to 300 Bar.**



101 SERIES ISO-A



TECHNICAL DATA					
DN	Rated Flow	Min Burst Pressure (Bar)			Working Pressure Bar
		Male	Female	Connected	
06	15 l/min	1650	1800	1400	350
10	35 l/min	1250	1350	1200	300
13	45 l/min	1200	1300	1200	300
20	74 l/min	1030	1200	1000	250
25	100 l/min	950	980	920	230
32	118 l/min	800	950	920	230
40	410 l/min	750	850	800	200
50	860 l/min	620	650	520	130



101-3





101 SERIES

ISO-A AISI 316



Manufactured according ISO 7241-A norm, DN13 size meets also ISO 5675 requirements.
 Poppet Valve or Ball closing system.
 BSP, NPTF, SAE/ORB threads. Others available upon request.

• Materials

Body: *AISI 303 / AISI316 / BRASS DIN-EN-12164*
 Seals: *NBR, Viton or EPDM*
 Back-Up-Ring: *PTFE*
 Balls: *AISI 316W 14401*
 Springs: *AISI302 DIN 17224*

• 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

• **Sectors:** Chemical, Industrial, Offshore Industry



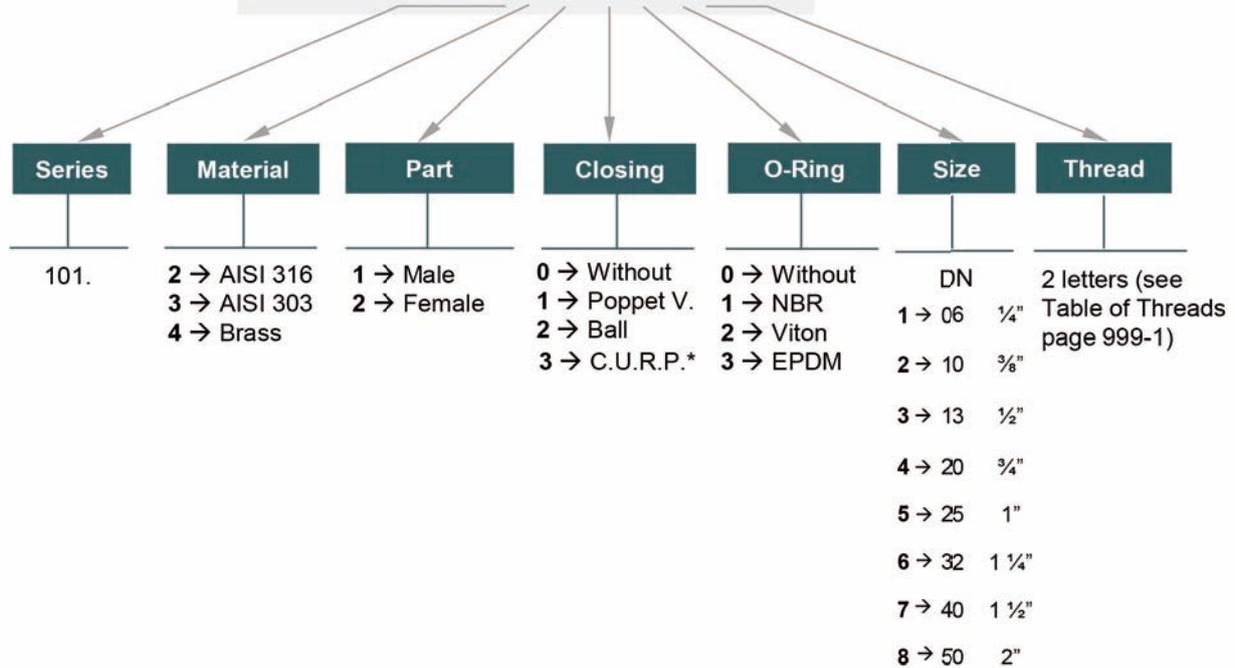
• Equivalence

FASTER ANV
 AEROQUIP FD56
 PARKER 6600
 SNAP-TITE 61

MODEL STRUCTURE

Example;

101.21123 AD



* DN13 available only.

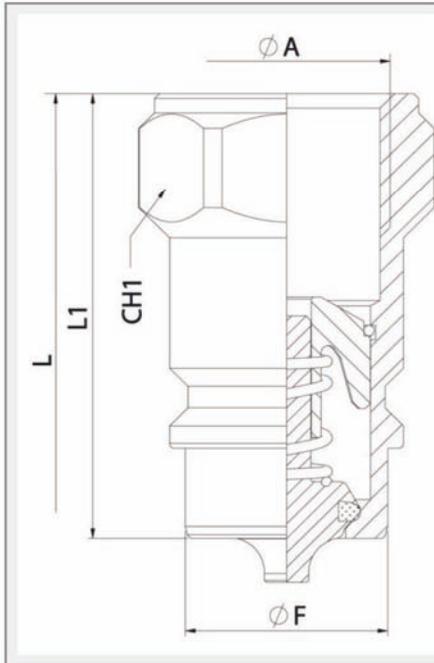
101-4





101 SERIES

ISO-A AISI 316

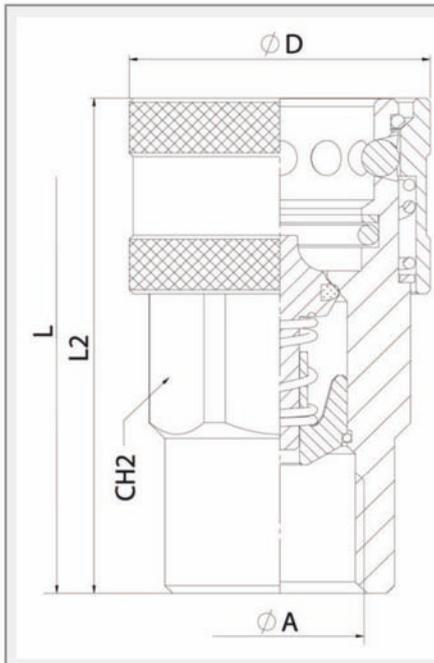


MALE				
DN	CH1	L1	ØF	L
06	19	38	11,80	76
10	22	40,50	17,25	81
13	27 30	46	20,56	87,50
20	36	56	29	112
25	41	63	34,30	126
32	50	75	44,95	150
40	60	83,5	55	167
50	75	105	65,10	210

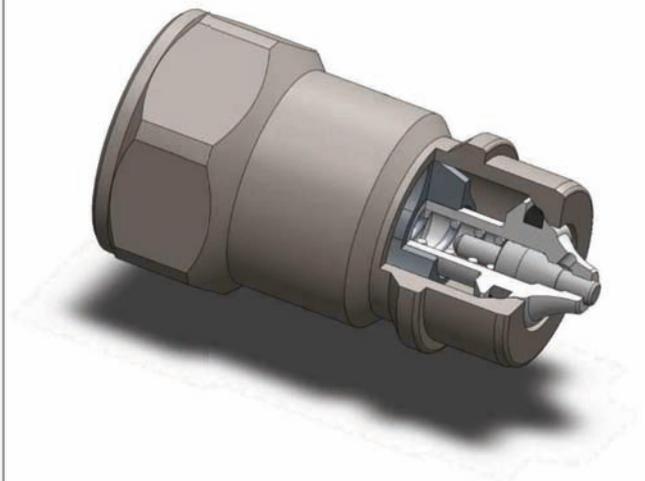
STANDARD MODELS				
DN	ØA	MALE	FEMALE	
06	1/4" BSP	101.21121AB	101.22121AB	280Bar
	1/4" NPTF	101.21121BB	101.22121BB	
10	3/8" BSP	101.21122AC	101.22122AC	260Bar
	3/8" NPTF	101.21122BC	101.22122BC	
13	1/2" BSP	101.21123AD	101.22123AD	260Bar
	1/2" NPTF	101.21123BD	101.22123BD	
20	3/4" BSP	101.21124AE	101.22124AE	210Bar
	3/4" NPTF	101.21124BE	101.22124BE	
25	1" BSP	101.21125AF	101.22125AF	210Bar
	1" NPTF	101.21125BF	101.22125BF	
32	1 1/4" BSP	101.21126AG	101.22126AG	140Bar
	1 1/4" NPTF	101.21126BG	101.22126BG	
40	1 1/2" BSP	101.21127AH	101.22127AH	120Bar
	1 1/2" NPTF	101.21127BH	101.22127BH	
50	2" BSP	101.21128AI	101.22128AI	100Bar
	2" NPTF	101.21128BI	101.22128BI	

Manufactured according to ISO 7241-A norm, DN13 size meets as well ISO 5675 requirements.

L= lenght while quick coupling is connected.



FEMALE				
DN	CH2	L2	ØD	L
06	19	52	26	76
10	24	58,50	32	81
13	30	63,50	38	87,50
20	38	83,50	46	112
25	46	97	55	126
32	50	117	70	150
40	60	133	84,50	167
50	75	165	100	210



C.U.R.P. connection is available in DN13
Up to 260 Bar.

Manufactured according to ISO 7241-A norm, DN13 size meets as well ISO 5675 requirements

L= lenght while quick coupling is connected.



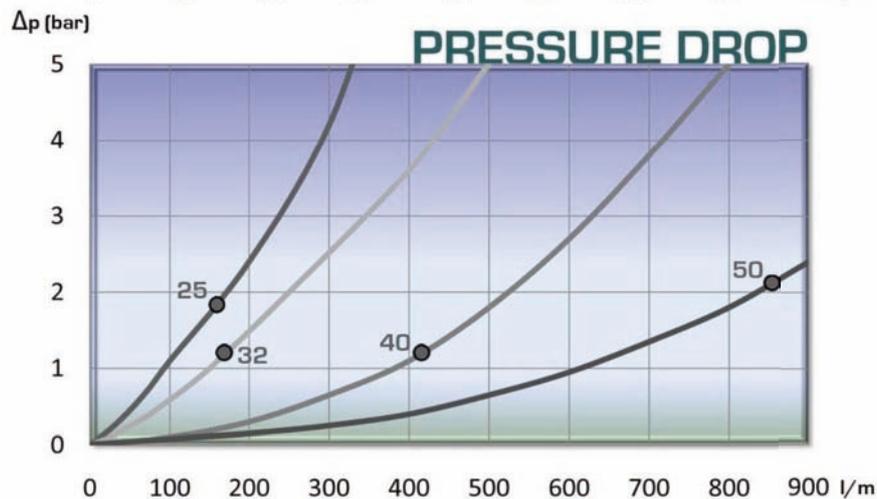
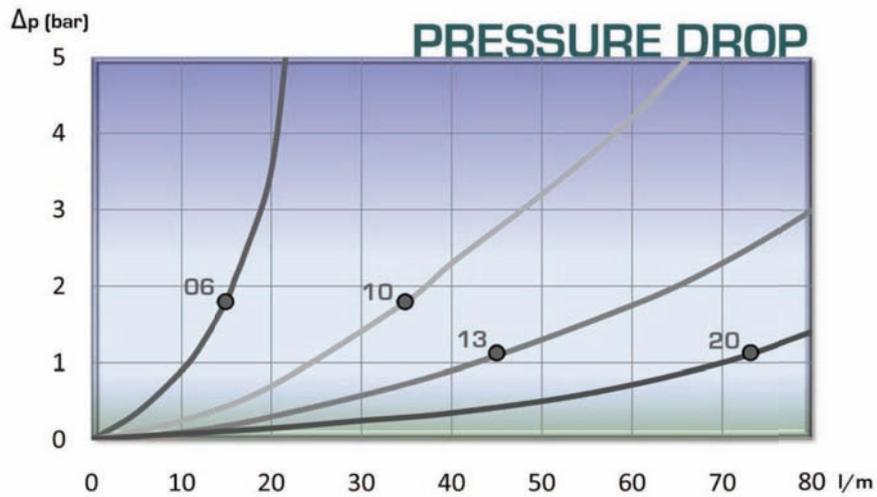
101 SERIES

ISO-A AISI 316



TECHNICAL DATA

DN	Rated Flow	Min Burst Pressure (Bar)			Working Pressure Bar
		Male	Female	Connected	
06	15 l/min	1150	1200	1250	280
10	35 l/min	1060	1075	1200	260
13	45 l/min	1050	1150	1200	260
20	74 l/min	855	875	900	210
25	100 l/min	850	875	900	210
32	118 l/min	500	500	650	140
40	410 l/min	480	500	600	120
50	860 l/min	405	415	550	100



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101 SERIES

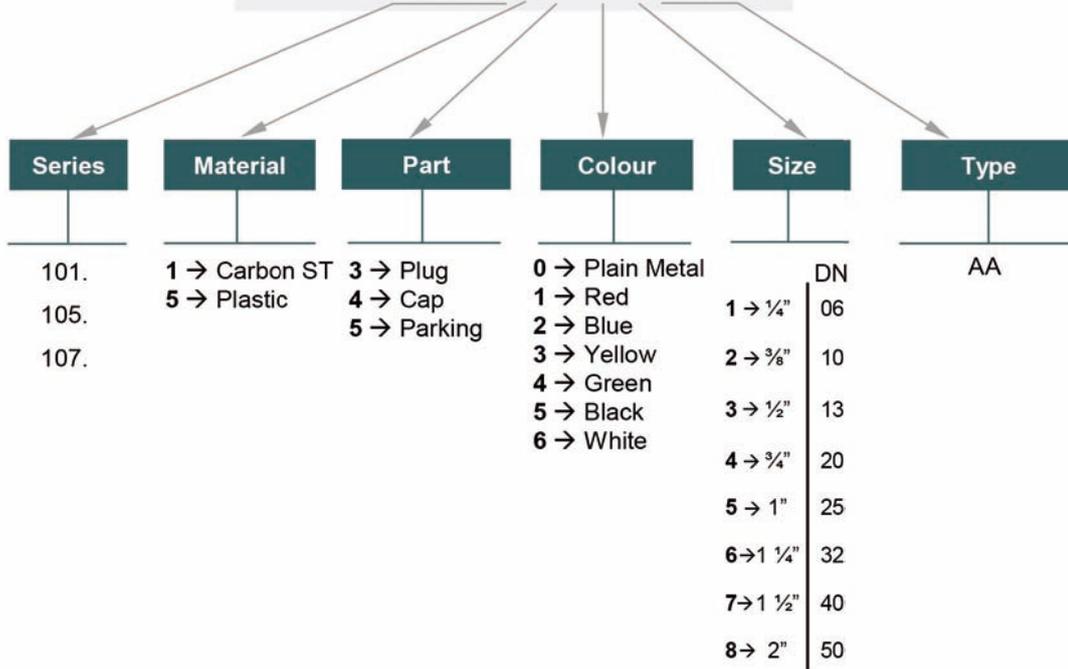
ISO-A PLUGS & CAPS



ISO A SERIES PLUGS/ CAPS have been designed to protect FEMALE (coupler) or MALE (nipple) parts while they are disconnected.
 Manufactured according to ISO 7241-A norm, DN13 size meets as well ISO 5675 requirements.

Example;

101.5313 AA




PLUG						
DN	RED	BLUE	YELLOW	GREEN	BLACK	WHITE
06	101.5311AA	*	*	*	*	*
10	101.5312AA	*	*	*	*	*
13	101.5313AA	*	*	*	*	*
20	101.5314AA	*	*	*	*	*
25	101.5315AA	*	*	*	*	*



CAP						
DN	RED	BLUE	YELLOW	GREEN	BLACK	WHITE
06	101.5411AA	*	*	*	*	*
10	101.5412AA	*	*	*	*	*
13	101.5413AA	*	*	*	*	*
20	101.5414AA	*	*	*	*	*
25	101.5415AA	*	*	*	*	*

* Available upon request.

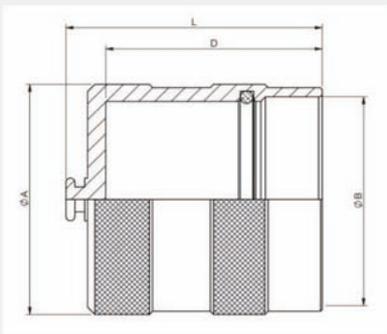


SERIE 101

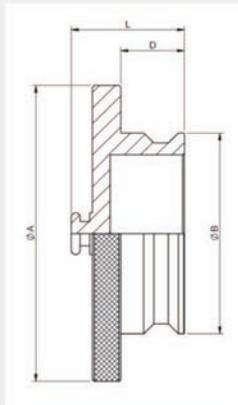
ISO-A PLUGS &
CAPS
ALUMINUM



ISO A SERIES PLUGS/ CAPS have been designed to protect FEMALE [coupler] or MALE [nipple] parts while they are disconnected.
Manufactured according to ISO 7241-A norm.



CAP					
DN	ØA	REF.	ØB	L	D
32	59	101.6406AA	48	66	55
40	64,8	101.6407AA	57,8	71	60
50	80	101.6408AA	70,2	80	75



PLUG					
DN	ØA	REF.	ØB	L	D
32	69,5	101.6306AA	47,7	30	16
40	84,8	101.6307AA	57,5	32	18
50	100	101.6308AA	69,8	33	25



101 SERIES

ISO-A PARKINGS



PARKING 3B			
DN	REF.	ØA	L
13	101.1533AA	32	34

PARKING 1T			
DN	REF.	ØA	L
13	101.1533AC	30	38

PARKING 6B			
DN	REF.	ØA	L
13	101.1533AB	34	38



102 SERIES

ISO-A MULTI-THREADS



Manufactured according ISO 7241-A norm, DN13 size meets also ISO 5675 requirements.
 Poppet Valve or Ball closing system.
 BSP, NPTF, SAE/ORB threads. Other threads available upon request.

• Materials

Body: Carbon Steel EN -10277-3
 Seals: NBR, Viton or EPDM
 Back-Up-Ring: PTFE
 Balls: AISI 1010/1015
 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

• **Sectors:** Industrial, Agricultural



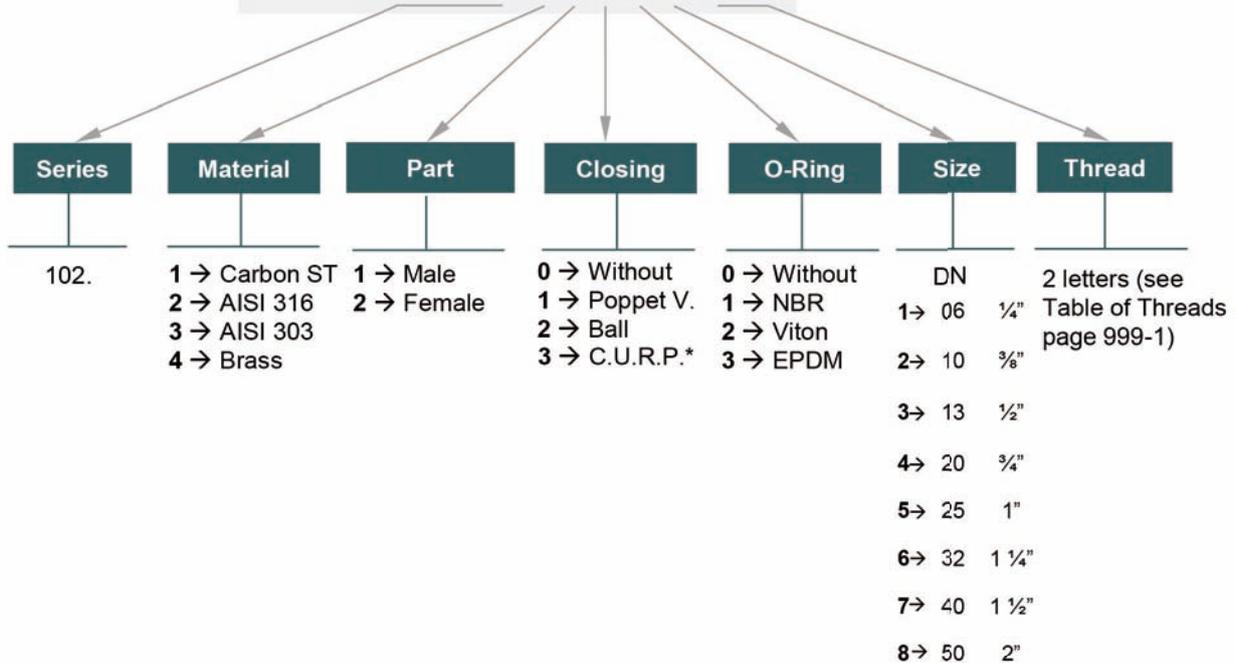
• Equivalence

FASTER ANV
 AERQUIP FD56
 PARKER 6600
 SNAP-TITE 61

MODEL STRUCTURE

Example;

102.11112 JE



* DN13 available only.

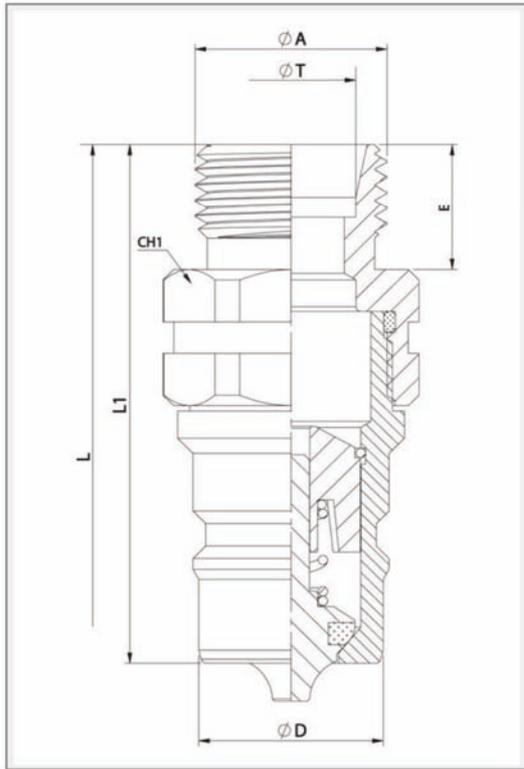
102-1



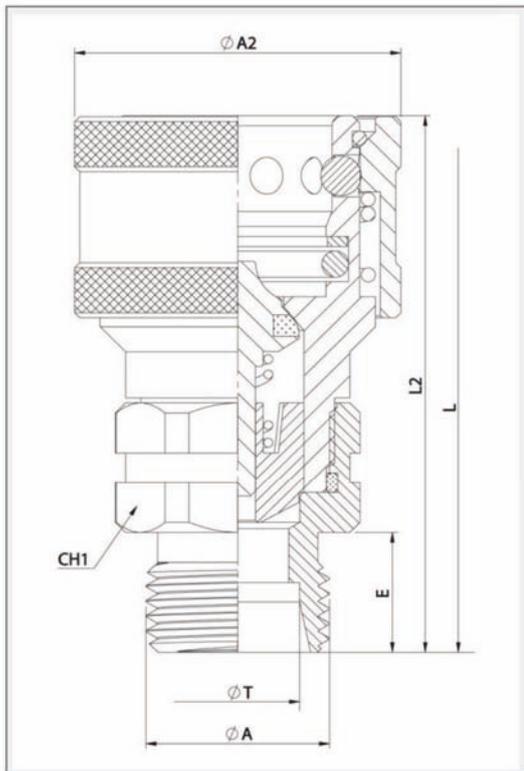


102 SERIES

ISO-A DIN 2353



STANDARD MALE MODELS																		
DN	ØA	ØT	REF.		CH1	L1	ØD	E	L									
06	M12x1,5	6L	102.11111JB		350Bar	19	*	11,8	12	*	Light Series							
	M14x1,5	8L	102.11111JC															
	M18x1,5	12L	102.11112JE															
10	M14x1,5	8L	102.11112JC		300Bar	22	*	17,25	12	*								
	M16x1,5	10L	102.11112JD															
	M18x1,5	12L	102.11112JE															
13	M14x1,5	8L	102.11113JC		300Bar	27	*	20,56	12	*								
	M16x1,5	10L	102.11113JD															
	M18x1,5	12L	102.11113JE															
20	M22x1,5	15L	102.11113JG		250Bar	36	*	29	12	*								
	M26x1,5	18L	102.11114JI						18									
	M30x2	22L	102.11114JJ						12									
25	M26x1,5	18L	102.11115JI		230Bar	41	*	34,3	18	*								
	M30x2	22L	102.11115JJ						16									
	M36x2	28L	102.11115JK						12									
10	M45x2	35L	102.11115JM		230Bar	41	*	34,3	18	*	Heavy Series							
	M16x1,5	8S	102.11112KD						300Bar			22	*	17,25	12	*		
	M18x1,5	10S	102.11112KE															
	M20x1,5	12S	102.11112KF															
	13	M18x1,5	10S						102.11113KE				300Bar	27	*	20,56	12	*
		M20x1,5	12S						102.11113KF									
		M22x1,5	14S						102.11113KG									
	20	M24x1,5	16S						102.11113KH				250Bar	36	*	29	12	*
		M24x1,5	16S						102.11114KH								16	
		M30x2	20S						102.11114KJ								12	
25	M30x2	20S	102.11115KJ		230Bar	41	*	34,3	18	*								
	M36x2	25S	102.11115KK						20									
	M42x2	30S	102.11115KL						46									
	M52x2	38S	102.11115KN			55		20										

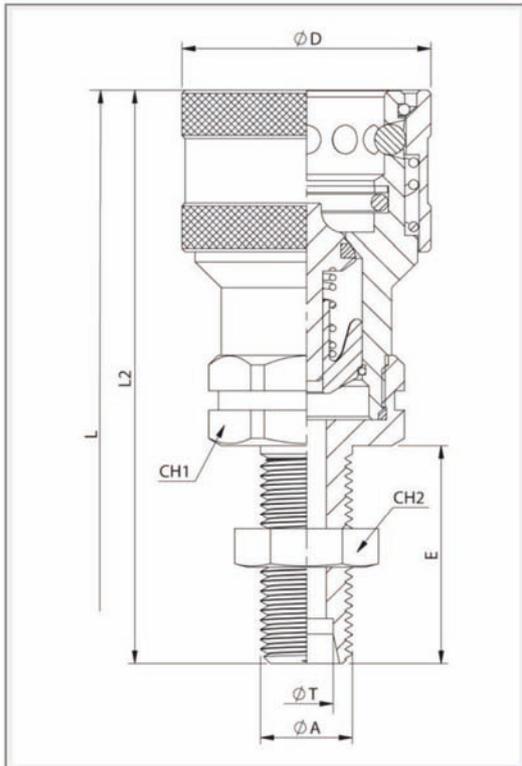
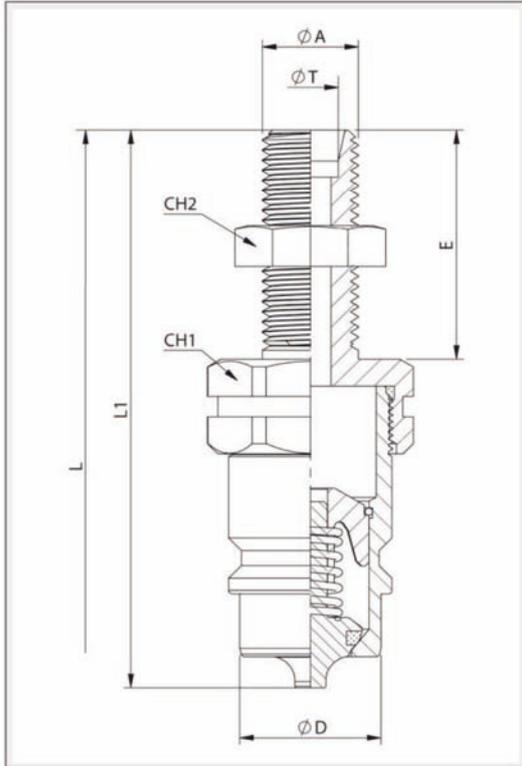


STANDARD FEMALE MODELS																		
DN	ØA	ØT	REF.		CH1	L2	ØA2	E	L									
06	M12x1,5	6L	102.12111JB		350Bar	19	*	26	12	*	Light Series							
	M14x1,5	8L	102.12111JC															
	3/8" BSP M.	*	102.12112AN															
10	M14x1,5	8L	102.12112JC		300Bar	22	*	32	12	*								
	M16x1,5	10L	102.12112JD															
	M18x1,5	12L	102.12112JE															
13	M14x1,5	8L	102.12113JC		300Bar	27	*	38	12	*								
	M16x1,5	10L	102.12113JD															
	M18x1,5	12L	102.12113JE															
20	M22x1,5	15L	102.12113JG		250Bar	36	*	46	12	*								
	M26x1,5	18L	102.12114JI						18									
	M30x2	22L	102.12114JJ						12									
25	M26x1,5	18L	102.12115JI		230Bar	41	*	55	18	*								
	M30x2	22L	102.12115JJ						16									
	M36x2	28L	102.12115JK						12									
10	M45x2	35L	102.12115JM		230Bar	41	*	55	18	*	Heavy Series							
	M16x1,5	8S	102.12112KD						300Bar			22	*	32	12	*		
	M18x1,5	10S	102.12112KE															
	M20x1,5	12S	102.12112KF															
	13	M18x1,5	10S						102.12113KE				300Bar	27	*	38	12	*
		M20x1,5	12S						102.12113KF									
		M22x1,5	14S						102.12113KG									
	20	M24x1,5	16S						102.12113KH				250Bar	36	*	46	12	*
		M24x1,5	16S						102.12114KH								16	
		M30x2	20S						102.12114KJ								12	
25	M30x2	20S	102.12115KJ		230Bar	41	*	55	18	*								
	M36x2	25S	102.12115KK						20									
	M42x2	30S	102.12115KL						46									
	M52x2	38S	102.12115KN			55		20										



102 SERIES

ISO-A DIN 2353



STANDARD MALE MODELS

DN	ϕA	ϕT	REF.		CH1	CH2	L1	ϕD	E	L
06	M12x1,5	6L	102.1111LB	350Bar	19	19	*	11,8	25	*
	M14x1,5	8L	102.1111LC						34	
10	M14x1,5	8L	102.11112LC	300Bar	22	22	*	17,25	34	*
	M16x1,5	10L	102.11112LD						26	
	M18x1,5	12L	102.11112LE						27	
13	M14x1,5	8L	102.11113LC	300Bar	27	24	*	20,56	34	*
	M16x1,5	10L	102.11113LD						35	
	M18x1,5	12L	102.11113LE						24	
	M22x1,5	15L	102.11113LG						27	
	M26x1,5	18L	102.11113LI						30	
20	M18x1,5	12L	102.11114LE	250Bar	36	27	*	29	26	*
	M22x1,5	15L	102.11114LG						33	
	M26x1,5	18L	102.11114LI						30	
	M30x2	22L	102.11114LJ						36	
25	M30x2	22L	102.11115LJ	230Bar	41	41	*	34,3	34	*
	M36x2	28L	102.11115LK						36	
	M45x2	35L	102.11115LM						55	

Light Series

10	M16x1,5	8S	102.11112MD	300Bar	22	22	*	17,25	27	*
	M18x1,5	10S	102.11112ME						24	
	M20x1,5	12S	102.11112MF						22	
13	M18x1,5	10S	102.11113ME	300Bar	27	24	*	20,56	24	*
	M20x1,5	12S	102.11113MF						22	
	M22x1,5	14S	102.11113MG						27	
	M24x1,5	16S	102.11113MH						30	
20	M24x1,5	16S	102.11114MH	250Bar	36	30	*	29	29	*
	M30x2	20S	102.11114MJ						36	
	M30x2	20S	102.11115MJ						36	
25	M36x2	25S	102.11115MK	230Bar	41	41	*	34,3	38	*
	M42x2	30S	102.11115ML						50	
	M52x2	38S	102.11115MN						65	

Heavy Series

STANDARD FEMALE MODELS

DN	ϕA	ϕT	REF.		CH1	CH2	L2	ϕD	E	L
06	M12x1,5	6L	102.12111LB	350Bar	19	19	*	11,8	25	*
	M14x1,5	8L	102.12111LC						34	
10	M14x1,5	8L	102.12112LC	300Bar	22	22	*	17,25	34	*
	M16x1,5	10L	102.12112LD						26	
	M18x1,5	12L	102.12112LE						27	
13	M14x1,5	8L	102.12113LC	300Bar	27	24	*	20,56	34	*
	M16x1,5	10L	102.12113LD						35	
	M18x1,5	12L	102.12113LE						24	
	M22x1,5	15L	102.12113LG						27	
	M26x1,5	18L	102.12113LI						30	
20	M18x1,5	12L	102.12114LE	250Bar	36	27	*	29	26	*
	M22x1,5	15L	102.12114LG						33	
	M26x1,5	18L	102.12114LI						30	
	M30x2	22L	102.12114LJ						36	
25	M30x2	22L	102.12115LJ	230Bar	41	41	*	34,3	34	*
	M36x2	28L	102.12115LK						36	
	M45x2	35L	102.12115LM						55	

Light Series

10	M16x1,5	8S	102.12112MD	300Bar	22	22	*	17,25	27	*
	M18x1,5	10S	102.12112ME						24	
	M20x1,5	12S	102.12112MF						22	
13	M18x1,5	10S	102.12113ME	300Bar	27	24	*	20,56	24	*
	M20x1,5	12S	102.12113MF						22	
	M22x1,5	14S	102.12113MG						27	
	M24x1,5	16S	102.12113MH						30	
20	M24x1,5	16S	102.12114MH	250Bar	36	30	*	29	29	*
	M30x2	20S	102.12114MJ						36	
	M30x2	20S	102.12115MJ						36	
25	M36x2	25S	102.12115MK	230Bar	41	41	*	34,3	38	*
	M42x2	30S	102.12115ML						50	
	M52x2	38S	102.12115MN						65	

Heavy Series

102-3

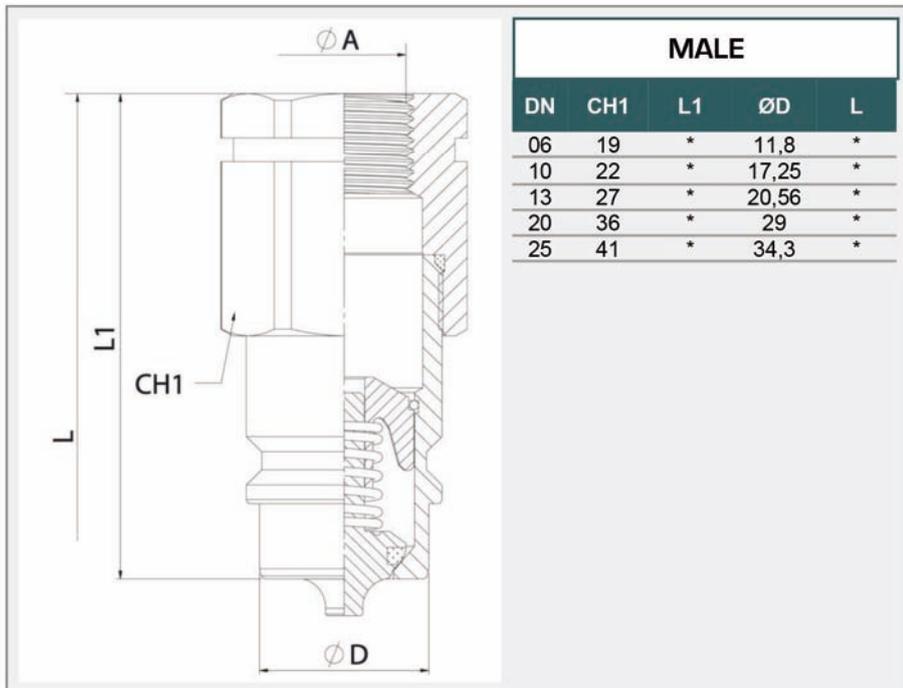


102 SERIES

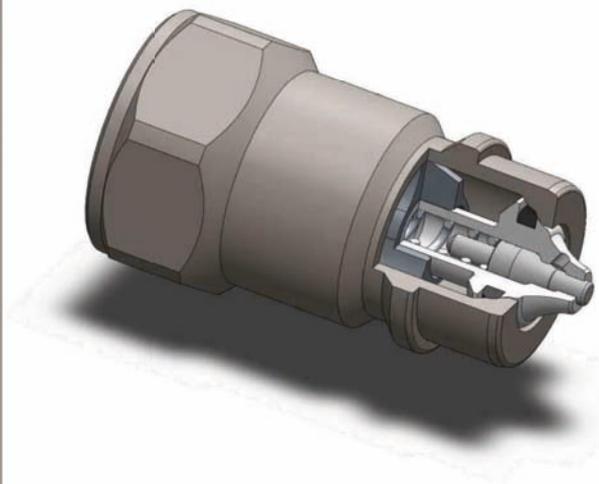
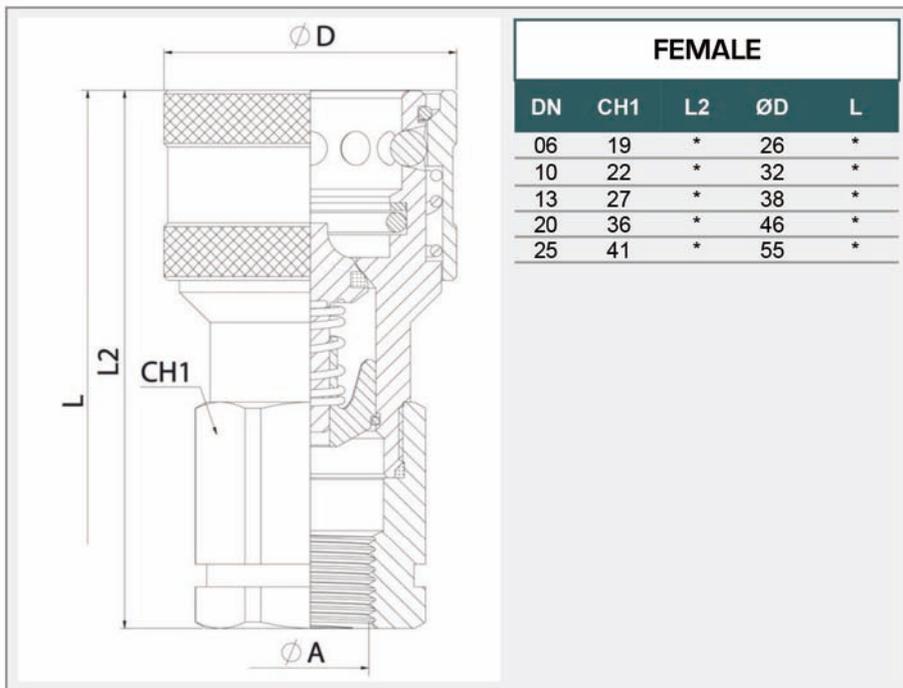
ISO-A MULTI-THREADS



INTEVA



STANDARD MODELS				
DN	ØA	MALE	FEMALE	
06	1/4" BSP	102.11111AB	102.12111AB	350Bar
	1/4" NPTF	102.11111BB	102.12111BB	
	M14x1,5	102.11111NC	102.12111NC	
10	1/4" BSP	102.11112AB	102.12112AB	300Bar
	3/8" BSP	102.11112AC	102.12112AC	
	3/8" NPTF	102.11112BC	102.12112BC	
	M16x1,5	102.11112ND	102.12112ND	
	3/8" BSP	102.11113AC	102.12113AC	
13	1/2" BSP	102.11113AD	102.12113AD	300Bar
	1/2" NPTF	102.11113BD	102.12113BD	
	M18x1,5	102.11113NE	102.12113NE	
	M22x1,5	102.11113NG	102.12113NG	
	3/4" -16ORB	102.11113GF	102.12113GF	
20	7/8" -14ORB	102.11113GH	102.12113GH	230Bar
	3/4" BSP	102.11114AE	102.12114AE	
	3/4" NPTF	102.11114BE	102.12114BE	
	M22x1,5	102.11114NG	102.12114NG	
	3/4" BSP	102.11115AE	102.12115AE	
25	1" BSP	102.11115AF	102.12115AF	230Bar
	1" NPTF	102.11115BF	102.12115BF	



C.U.R.P. connection is available in DN13
Up to 300 Bar.



103 SERIES

ISO-B CARBON STEEL /
AISI 316 / BRASS



Manufactured according to ISO 7241-B norm.

Poppet Valve closing system.

BSP, NPTF, SAE/ORB threads. Other threads available upon request.

• Materials

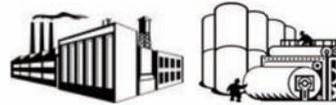
	CARBON STEEL	STAINLESS STEEL	BRASS
Body	Carbon Steel EN-10277-3	AISI 316	Brass CuZn39Pb3
Seals	NBR, Viton or EPDM	NBR, Viton or EPDM	NBR, Viton or EPDM
Back-up-ring	PTFE	PTFE	PTFE
Balls	AISI 1010/1015	AISI316 W. 14401	AISI316 W. 14401
Springs	Carbon Steel DIN 17233/84(B)	AISI302 DIN 17224	AISI302 DIN 17224

• Working temperature (Seals)

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

• Sectors

Carbon Steel → Industrial.



Stainless Steel → Chemical, Industrial, Offshore.



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

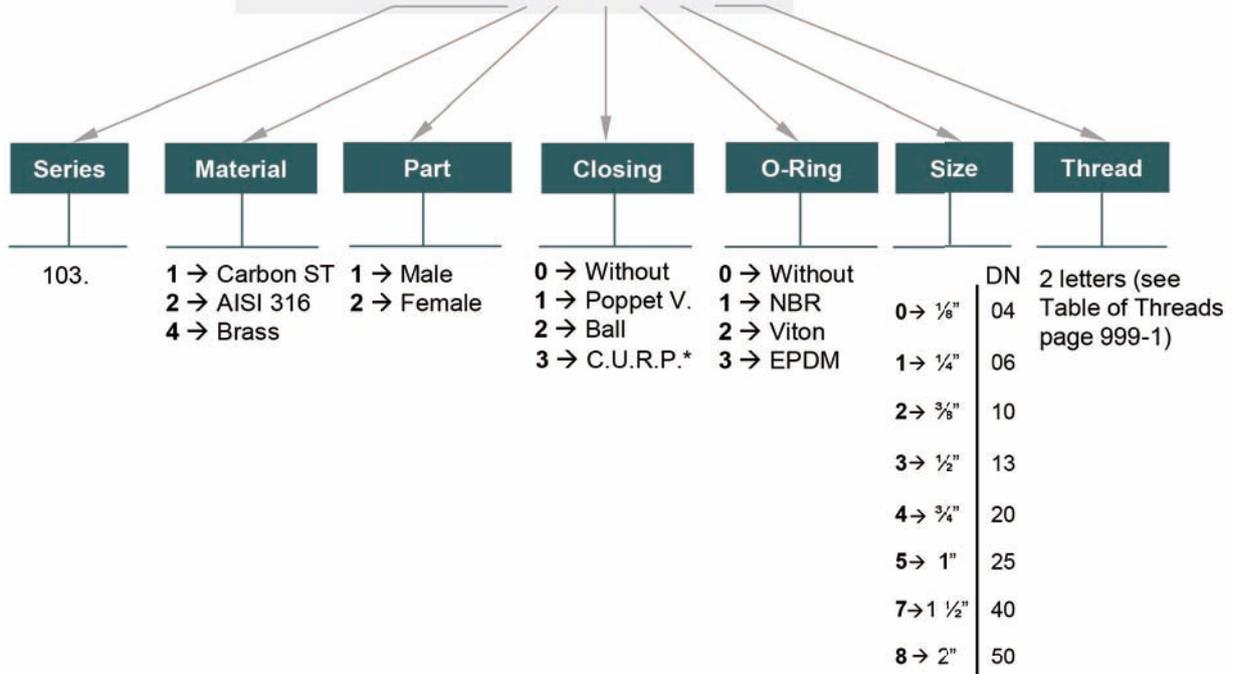
• Equivalence

FASTER H AEROQUIP FD45
PARKER 60 SNAP-TITE 72

MODEL STRUCTURE

Example;

103.21122 BC



* DN13 available only.

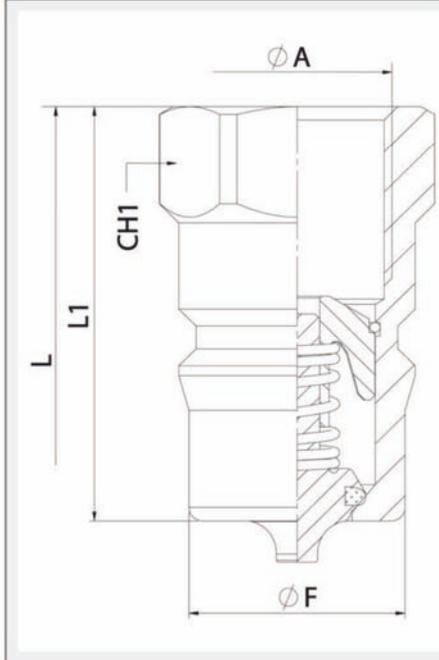
103-1



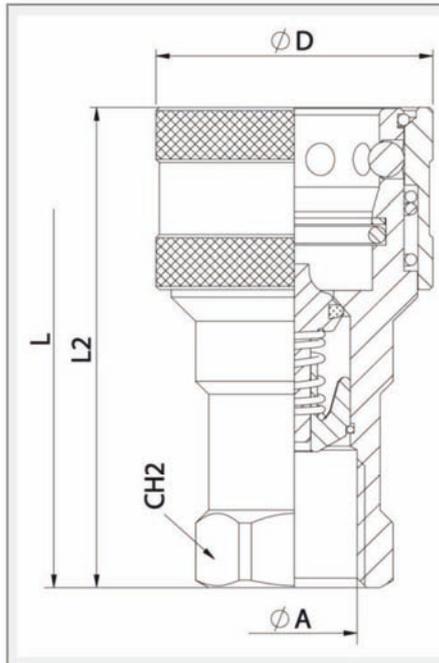


103 SERIES

ISO-B CARBON STEEL



MALE				
DN	CH1	L1	ØF	L
04	14	30	10,90	60
06	19	36	14,20	72
10	24	40,50	19,10	81
13	27	46	23,55	92
20	36	56	31,45	112
25	41	63	37,80	126



FEMALE				
DN	CH2	L2	ØD	L
04	14	49	22	60
06	19	57,70	27	72
10	24	65,50	35	81
13	27	74	42	92
20	36	90	52	112
25	41	103	60	126

STANDARD CARBON STEEL MODELS

DN	ØA	MALE	FEMALE	
04	1/8" BSP	103.11110AA	103.12110AA	400Bar
	1/8" NPTF	103.11110BA	103.12110BA	
06	1/4" BSP	103.11111AB	103.12111AB	380Bar
	1/4" NPTF	103.11111BB	103.12111BB	
10	3/8" BSP	103.11112AC	103.12112AC	350Bar
	3/8" NPTF	103.11112BC	103.12112BC	
	3/4"-16ORB	103.11112GF	103.12112GF	
13	1/2" BSP	103.11113AD	103.12113AD	320Bar
	1/2" NPTF	103.11113BD	103.12113BD	
	3/4" - 16ORB	103.11113GF	103.12113GF	
20	7/8" 14ORB	103.11113GH	103.12113GH	300Bar
	3/4" BSP	103.11114AE	103.12114AE	
	3/4" NPTF	103.11114BE	103.12114BE	
	1 1/16"-12ORB	103.11114GK	103.12114GK	
	1" BSP	103.11115AF	103.12115AF	
25	1" NPTF	103.11115BF	103.12115BF	280Bar
	1 5/16"-12ORB	103.11115GO	103.12115GO	



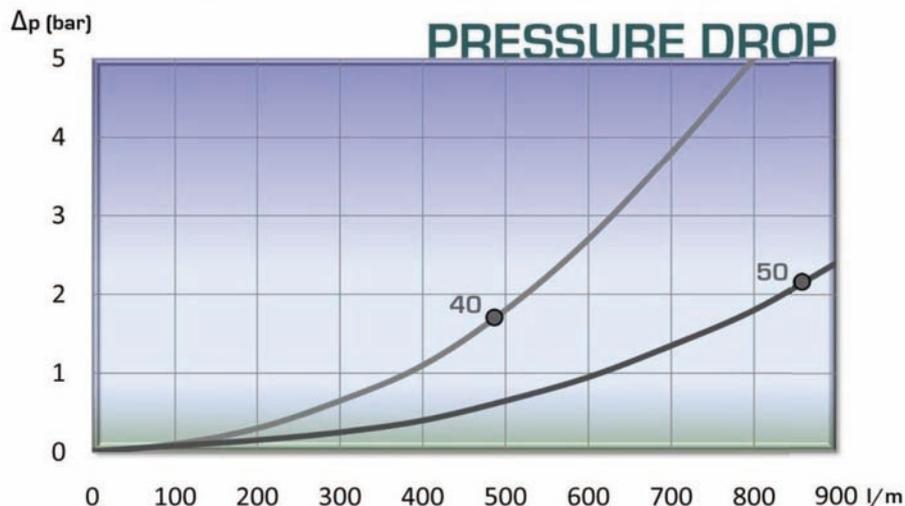
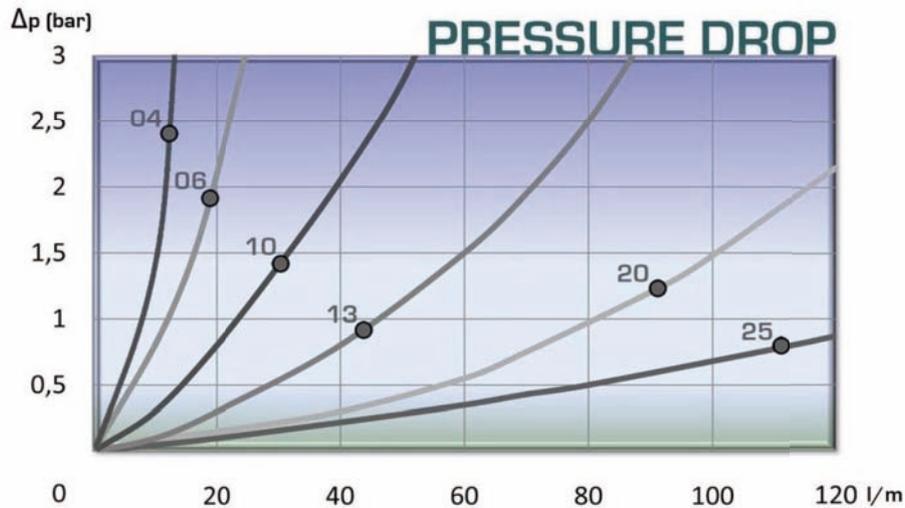
103 SERIES

ISO-B CARBON STEEL



TECHNICAL DATA

DN	Rated Flow	Min Burst Pressure (bar)			Max. Working Pressure *
		Male	Female	Coupled	
04	7 l/m	1650	1750	1600	400 bar
06	15 l/m	1650	1800	1520	380 bar
10	35 l/m	1580	1580	1400	350 bar
13	47 l/m	1310	1450	1280	320 bar
20	93 l/m	1310	1380	1200	300 bar
25	118 l/m	1200	1400	1120	280 bar
40	480 l/m	550	560	560	140 bar
50	890 l/m	370	410	400	100 bar



103-3

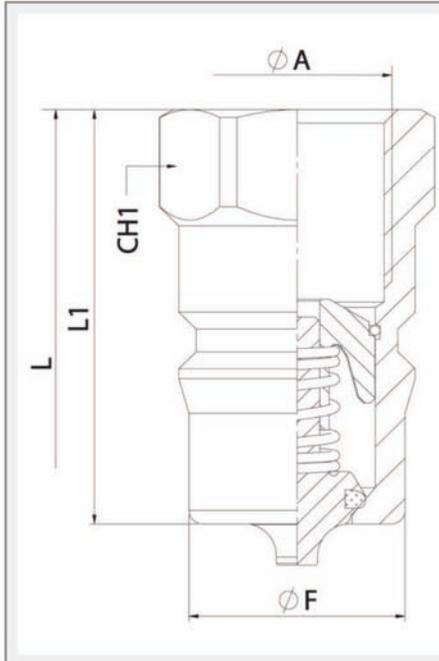




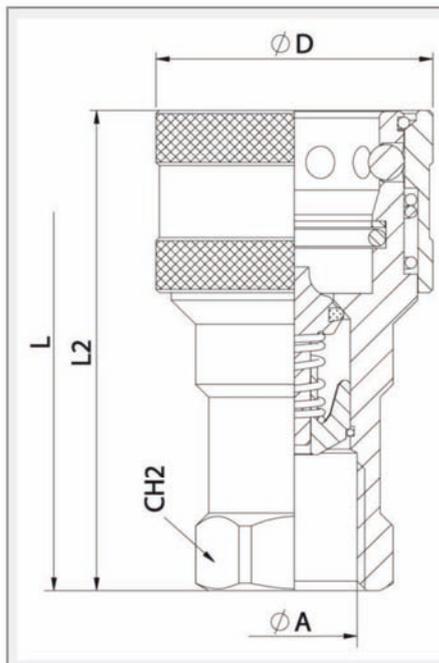
103 SERIES

ISO-B

AISI 316



MALE				
DN	CH1	L1	ØF	L
04	14	30	10,90	60
06	19	36	14,20	72
10	24	40,50	19,10	81
13	27	46	23,55	92
20	36	56	31,45	112
25	41	63	37,80	126



FEMALE				
DN	CH2	L2	ØD	L
04	14	49	22	60
06	19	57,70	27	72
10	24	65,50	35	81
13	27	74	42	92
20	36	90	52	112
25	41	103	60	126

STANDARD AISI 316 MODELS

DN	ØA	MALE	FEMALE	
04	1/8" BSP	103.21120AA	103.22120AA	320Bar
	1/8" NPTF	103.21120BA	103.22120BA	
06	1/4" BSP	103.21121AB	103.22121AB	280Bar
	1/4" NPTF	103.21121BB	103.22121BB	
10	3/8" BSP	103.21122AC	103.22122AC	260Bar
	3/8" NPTF	103.21122BC	103.22122BC	
	1/2" -16ORB	Upon request		
13	1/2" BSP	103.21123AD	103.22123AD	260Bar
	1/2" NPTF	103.21123BD	103.22123BD	
	3/4" -16ORB	Upon request		
20	7/8" 14ORB	Upon request		210Bar
	3/4" BSP	103.21124AE	103.22124AE	
	3/4" NPTF	103.21124BE	103.22124BE	
25	1 1/16"-12ORB	Upon request		210Bar
	1" BSP	103.21125AF	103.22125AF	
	1" NPTF	103.21125BF	103.22125BF	
	1 5/16"-12ORB	Upon request		



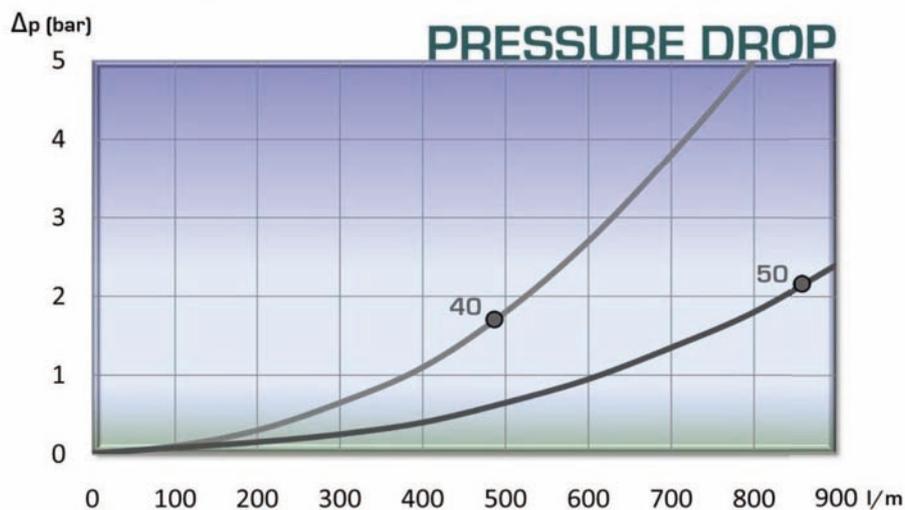
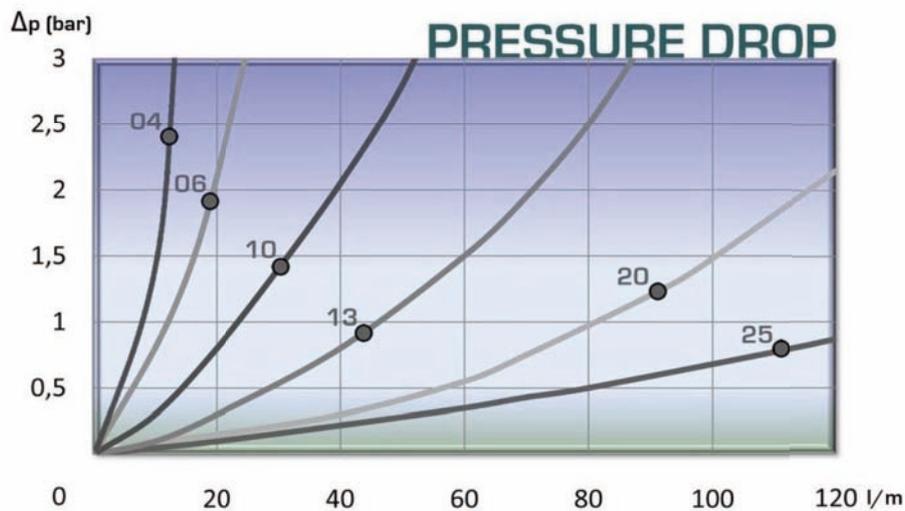
103 SERIES

ISO-B STAINLESS STEEL



TECHNICAL DATA

DN	Rated Flow	Min. Burst Pressure (Bar)			Max. Working Pressure (Bar)
		Male	Female	Coupled	
04	7 l/min	1300	1300	1325	320
06	15 l/min	1150	1200	1250	280
10	35 l/min	1060	1075	1200	260
13	47 l/min	1050	1150	1200	260
20	93 l/min	855	875	900	210
25	118 l/min	850	875	900	210
40	480 l/min	480	500	600	120
50	890 l/min	405	415	550	100



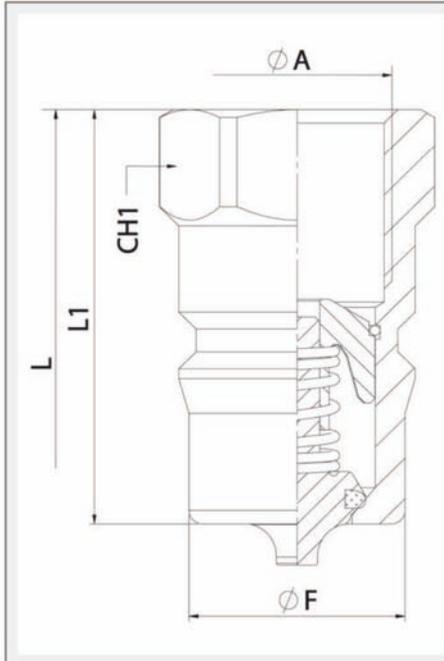
103-5





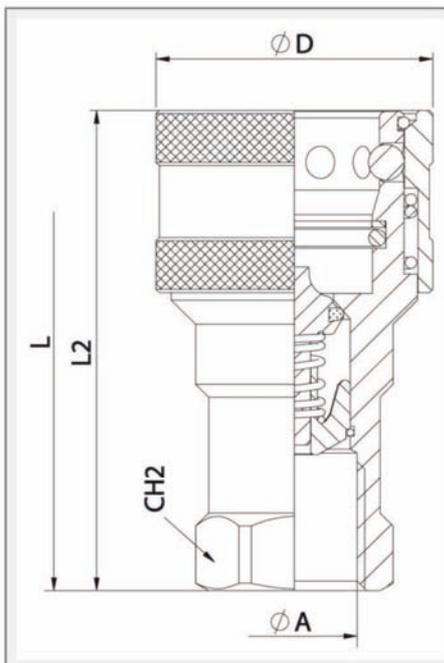
103 SERIES

ISO-B BRASS

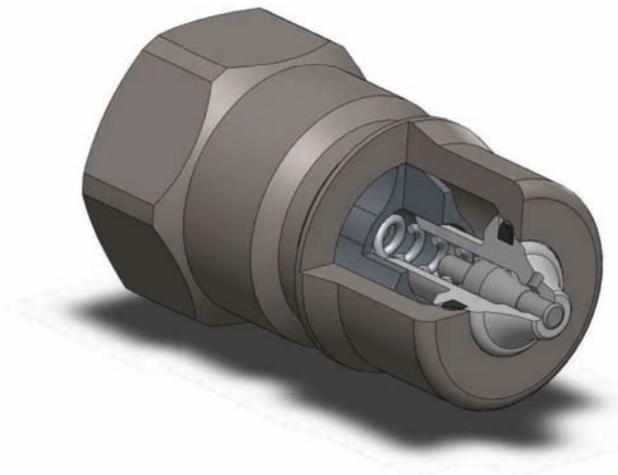


MALE				
DN	CH1	L1	ØF	L
04	14	30	10,90	60
06	19	36	14,20	72
10	24	40,50	19,10	81
13	27	46	23,55	92
20	36	56	31,45	112
25	41	63	37,80	126

STANDARD BRASS MODELS				
DN	ØA	MALE	FEMALE	
04	1/8" BSP	103.41120AA	103.42120AA	250Bar
	1/8" NPTF	103.41120BA	103.42120BA	
06	1/4" BSP	103.41121AB	103.42121AB	200Bar
	1/4" NPTF	103.41121BB	103.42121BB	
	3/8" BSP	103.41122AC	103.42122AC	
10	3/8" NPTF	103.41122BC	103.42122BC	200Bar
	3/4"-16ORB	Upon request		
13	1/2" BSP	103.41123AD	103.42123AD	200Bar
	1/2" NPTF	103.41123BD	103.42123BD	
	3/4" - 16ORB	Upon request		
	7/8" 14ORB	Upon request		
20	3/4" BSP	103.41124AE	103.42124AE	150Bar
	3/4" NPTF	103.41124BE	103.42124BE	
	1 1/16"-12ORB	Upon request		
25	1" BSP	103.41125AF	103.42125AF	150Bar
	1" NPTF	103.41125BF	103.42125BF	
	1 5/16"-12ORB	Upon request		



FEMALE				
DN	CH2	L2	ØD	L
04	14	49	22	60
06	19	57,70	27	72
10	24	65,50	35	81
13	27	74	42	92
20	36	90	52	112
25	41	103	60	126



C.U.R.P. connection is available in DN13
Up to 300 Bar.



103 SERIES

ISO-B PLUGS & CAPS

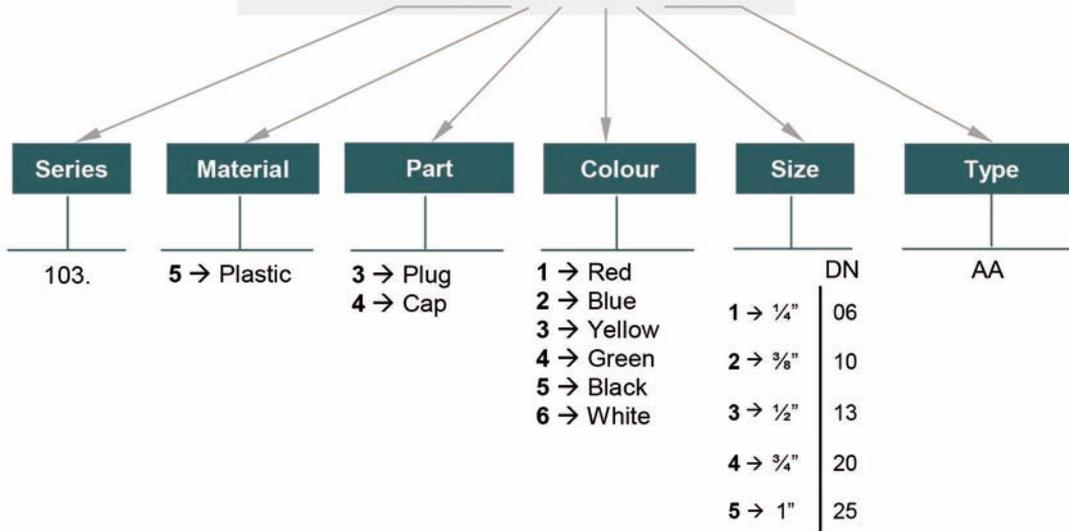


ISO B SERIES PLUGS/ CAPS have been designed to protect FEMALE (coupler) or MALE (nipple) parts while they are disconnected.
Manufactured according to ISO 7241-B norm

MODEL STRUCTURE

Example;

103.5321 AA



PLUG						
DN	RED	BLUE	YELLOW	GREEN	BLACK	WHITE
04	*	103.5320AA	*	*	*	*
06	*	103.5321AA	*	*	*	*
10	*	103.5322AA	*	*	*	*
13	*	103.5323AA	*	*	*	*
20	*	103.5324AA	*	*	*	*
25	*	103.5325AA	*	*	*	*

CAP						
DN	RED	BLUE	YELLOW	GREEN	BLACK	WHITE
04	*	103.5420AA	*	*	*	*
06	*	103.5421AA	*	*	*	*
10	*	103.5422AA	*	*	*	*
13	*	103.5423AA	*	*	*	*
20	*	103.5424AA	*	*	*	*
25	*	103.5425AA	*	*	*	*

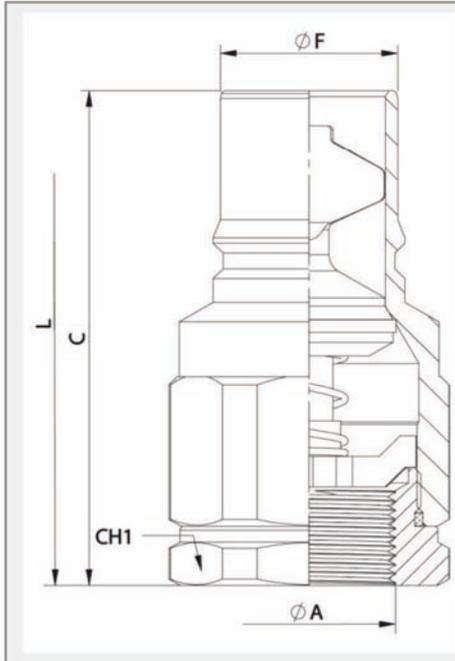
* NOT AVAILABLE





103 SERIES

ISO-B DN 40 / DN 50 SIZES



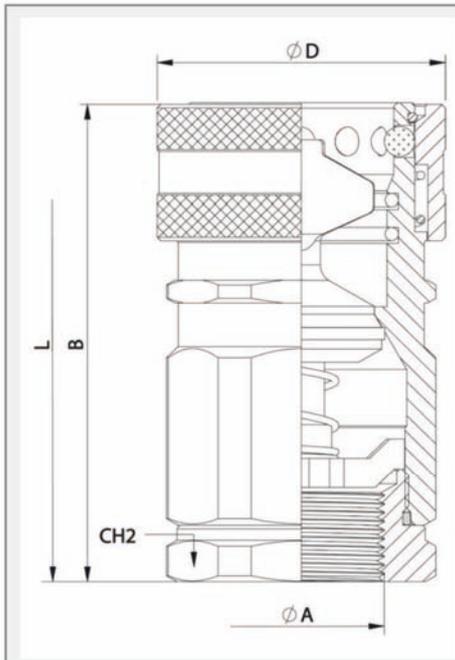
MALE				
DN	CH1	C	ØF	L
40	65	126	44,4	252
50	90	131	63,27	262

STANDARD CARBON STEEL MODELS

DN	ØA	MALE	FEMALE		
40	1 1/4"	1 1/4" BSP	103.11117AG	103.12117AG	140Bar
		1 1/4" NPTF	103.11117BG	103.12117BG	
		1 1/2" BSP	103.11117AH	103.12117AH	
		1 1/2" NPTF	103.11117BH	103.12117BH	
50	2"	2" BSP	103.11118AI	103.12118AI	100Bar
		2" NPTF	103.11118BI	103.12118BI	
		2 1/2" BSP	103.11118AJ	103.12118AJ	
		2 1/2" NPTF	103.11118BJ	103.12118BJ	
50	3"	3" BSP	103.11118AK	103.12118AK	
		3" NPTF	103.11118BK	103.12118BK	

STANDARD STAINLESS STEEL MODELS

DN	ØA	MALE	FEMALE		
40	1 1/4"	1 1/4" BSP	103.21127AG	103.22127AG	120Bar
		1 1/4" NPTF	103.21127BG	103.22127BG	
		1 1/2" BSP	103.21127AH	103.22127AH	
		1 1/2" NPTF	103.21127BH	103.22127BH	
50	2"	2" BSP	103.21128AI	103.22128AI	100Bar
		2" NPTF	103.21128BI	103.22128BI	
		2 1/2" BSP	103.21128AJ	103.22128AJ	
		2 1/2" NPTF	103.21128BJ	103.22128BJ	
50	3"	3" BSP	103.21128AK	103.22128AK	
		3" NPTF	103.21128BK	103.22128BK	



FEMALE				
DN	CH2	B	ØD	L
40	65	126,8	75	252
50	90	131	105	262

STANDARD BRASS MODELS

DN	ØA	MALE	FEMALE		
40	1 1/4"	1 1/4" BSP	103.41127AG	103.42127AG	85 Bar
		1 1/4" NPTF	103.41127BG	103.42127BG	
		1 1/2" BSP	103.41127AH	103.42127AH	
		1 1/2" NPTF	103.41127BH	103.42127BH	
50	2"	2" BSP	103.41128AI	103.42128AI	
		2" NPTF	103.41128BI	103.42128BI	
		2 1/2" BSP	103.41128AJ	103.42128AJ	
		2 1/2" NPTF	103.41128BJ	103.42128BJ	
50	3"	3" BSP	103.41128AK	103.42128AK	
		3" NPTF	103.41128BK	103.42128BK	



103 SERIES

ISO-B PLUGS & CAPS

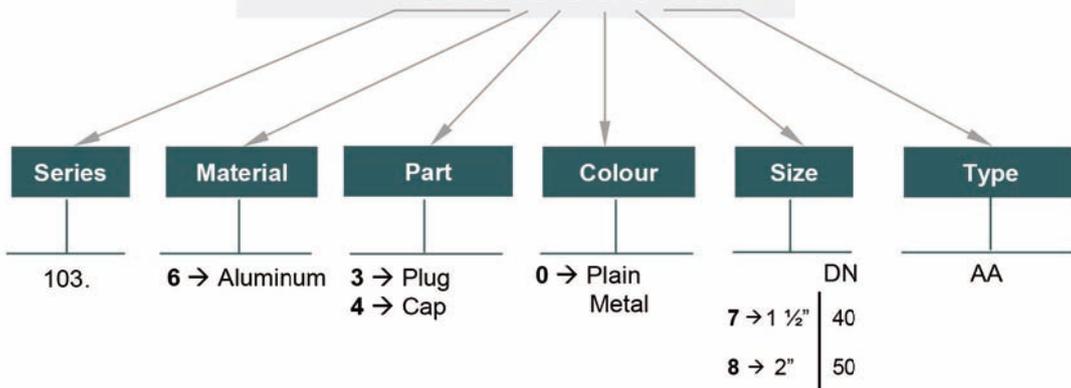


ISO B SERIES PLUGS/ CAPS have been designed to protect FEMALE [coupler] or MALE [nipple] parts while they are disconnected.
Manufactured according to ISO 7241-B norm.

MODEL STRUCTURE

Example;

103.6308 AA



CAP					
DN	ØA	REF.	ØB	L	D
40	60	103.6407AA	70	60	609,5
50	78	103.6408AA	98	65	575,5

PLUG					
DN	ØA	REF.	ØB	L	D
40	75	103.6307AA	68	26	609,5
50	105	103.6308AA	98	32,4	575,5



104 SERIES DIN



Manufactured according to ISO 5675 norm, DN13 size meets also ISO 7241-A requirements.
Poppet Valve or Ball closing system.
BSP, NPTF, SAE/ORB threads. Others available upon request.

• Materials

Body: Carbon Steel EN -10277-3, AISI 303 / AISI 316 /
BRASS DIN EN-12164
Seals: 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
according to European Directive 97.23.EC

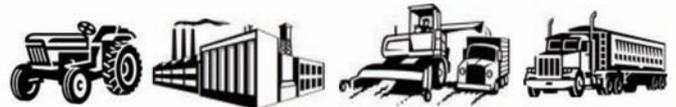
• Equivalence

FASTER NV-NS
AEROQUIP FD76
PARKER 4000
SNAP-TITE 60

• Working temperature (Seals)

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

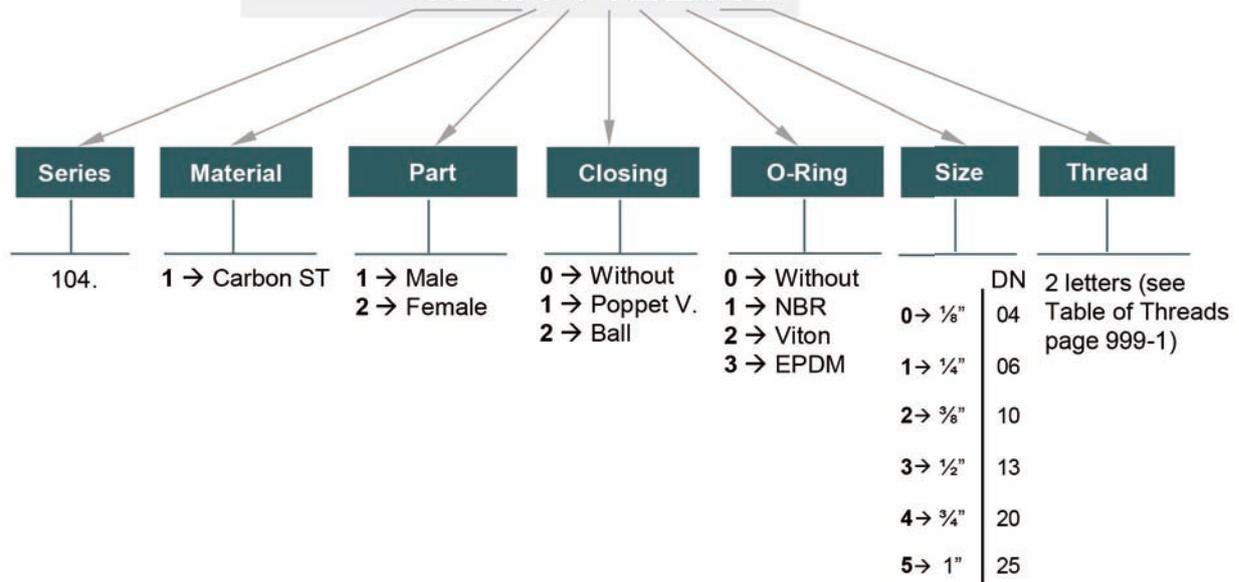
• **Sectors:** Industrial, Agricultural



MODEL STRUCTURE

Example;

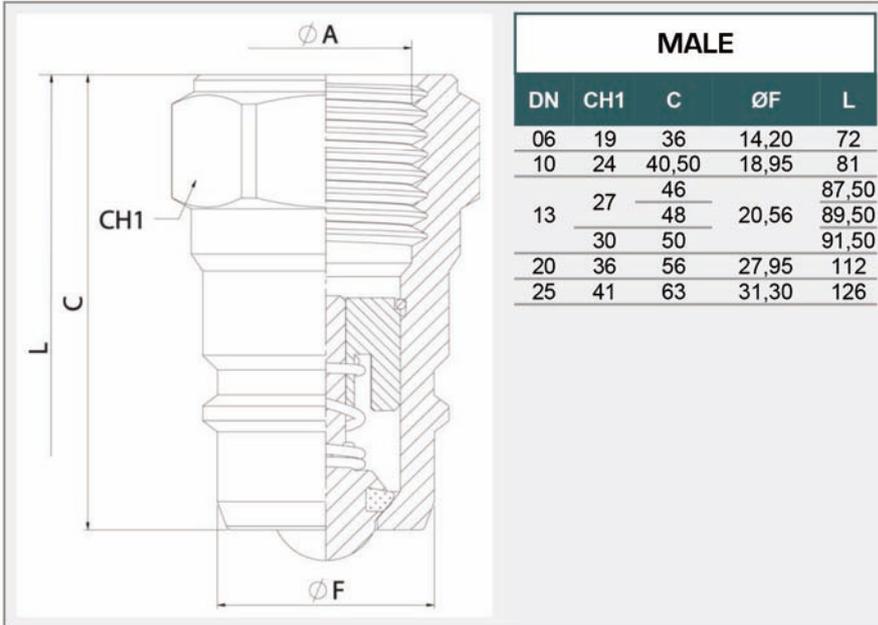
104.11122 AC



104-1

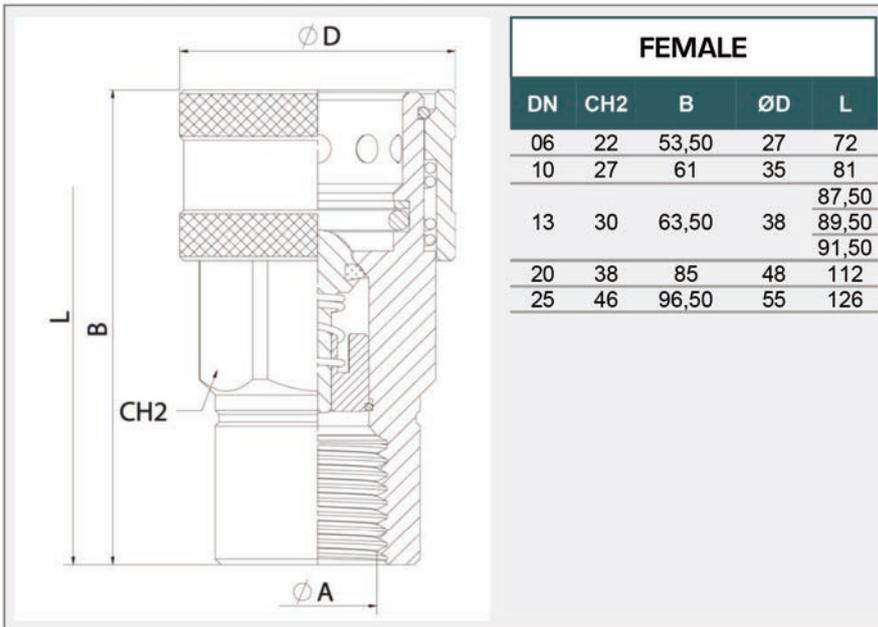


104 SERIES DIN



Manufactured according to ISO 5675 norm

STANDARD MODELS (POPPET)			
DN	ØA	MALE	FEMALE
06	1/4" BSP	104.11111AB	104.12111AB
	1/4" NPTF	104.11111BB	104.12111AB
	9/16" 18ORB	104.11111GC	104.12111GC
10	3/8" BSP	104.11112AC	104.12112AC
	3/8" NPTF	104.11112BC	104.12112BC
13	1/2" BSP	101.11113AD	101.12113AD
	1/2" NPTF	101.11113BD	101.12113BD
	3/4" - 16ORB	101.11113GF	101.12113GF
20	3/4" BSP	104.11114AE	104.12114AE
	3/4" NPTF	104.11114BE	104.12114BE
25	1" BSP	104.11115AF	104.12115AF
	1" NPTF	104.11115BF	104.12115BF



Manufactured according to ISO 5675 norm

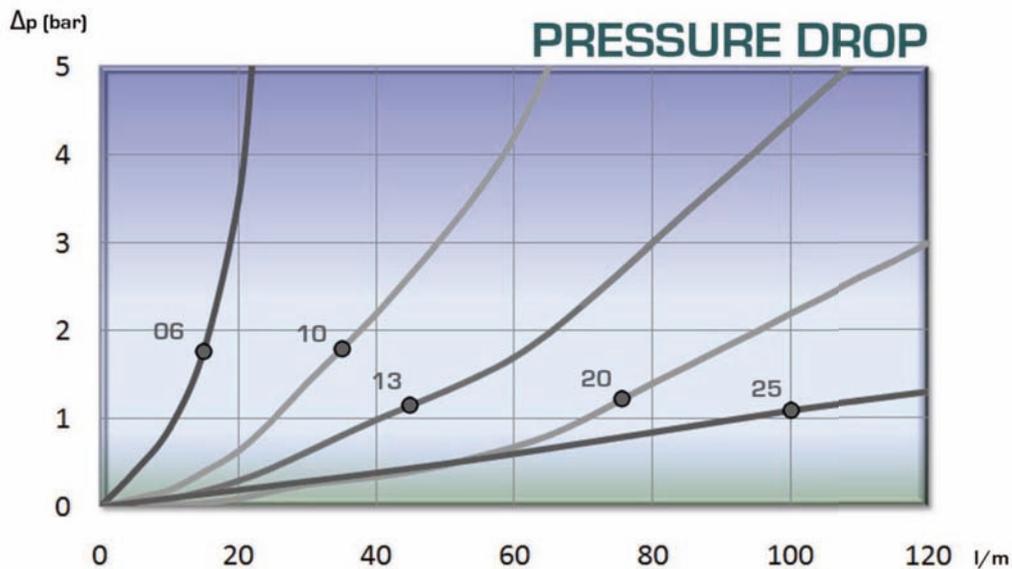
STANDARD MODELS (BALL)			
DN	ØA	MALE	FEMALE
06	1/4" BSP	104.11211AB	104.12211AB
	1/4" NPTF	104.11211BB	104.12211AB
	9/16" 18ORB	104.11211GC	104.12211GC
10	3/8" BSP	104.11212AC	104.12212AC
	3/8" NPTF	104.11212BC	104.12212BC
13	1/2" BSP	101.11213AD	101.12213AD
	1/2" NPTF	101.11213BD	101.12213BD
	3/4" - 16ORB	101.11213GF	101.12213GF
20	3/4" BSP	104.11214AE	104.12214AE
	3/4" NPTF	104.11214BE	104.12214BE
25	1" BSP	104.11215AF	104.12215AF
	1" NPTF	104.11215BF	104.12215BF

104 SERIES DIN



TECHNICAL DATA

DN	Rated Flow	Min Burst Pressure (bar)			Max. Working Pressure *
		Male	Female	Coupled	
06	15 l/m	1650	1800	1400	350 bar
10	35 l/m	1250	1350	1200	300 bar
13	45 l/m	1200	1300	1200	300 bar
20	74 l/m	1030	1200	1000	250 bar
25	100 l/m	950	980	920	220 bar



104-3



104 SERIES

DIN

PLUGS &
CAPS

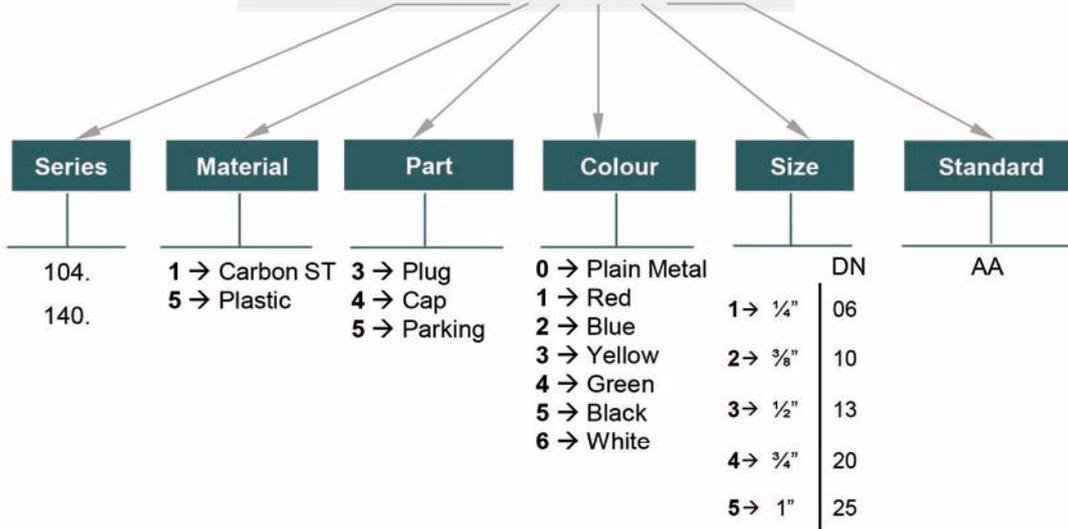


DIN SERIES PLUGS/ CAPS have been designed to protect FEMALE (coupler) or MALE (nipple) parts while they are disconnected.
They have been manufactured according to ISO 5675 norm, DN13 size meets also ISO7241-A requirements

MODEL STRUCTURE
For plugs and caps

Example;

104.5353 AA



PLUG						
DN	RED	BLUE	YELLOW	GREEN	BLACK	WHITE
06	*	*	*	*	104.5351AA	*
10	*	*	*	*	104.5352AA	*
13	*	*	*	*	101.5353AA	*
20	*	*	*	*	104.5354AA	*
25	*	*	*	*	104.5355AA	*



CAP						
DN	RED	BLUE	YELLOW	GREEN	BLACK	WHITE
06	*	*	*	*	104.5451AA	*
10	*	*	*	*	104.5452AA	*
13	*	*	*	*	101.5453AA	*
20	*	*	*	*	104.5454AA	*
25	*	*	*	*	104.5455AA	*

* NOT AVAILABLE



104 SERIES

DIN PARKINGS



PARKING 3B			
DN	REF.	ØA	L
13	101.1533AA	32	34

PARKING 1T			
DN	REF.	ØA	L
13	101.1533AC	30	38

PARKING 6B			
DN	REF.	ØA	L
13	101.1533AB	34	38



105 SERIES PSH



Manufactured according to ISO 7241-A and ISO 5675 norms.
Poppet Valve or Ball closing system.
BSP, NPTF, SAE/ORB threads. Other threads available upon request.

• Materials

Carbon Steel EN -10277-3
Seals: NBR, Viton or EPDM
Back-Up-Ring: PTFE
Balls: AISI 1010/1015
Springs: Carbon Steel
DIN 17233/84(B)

• Working temperature (Seals)

	NBR o-rings	Viton o-rings	EPDM o-rings
	+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

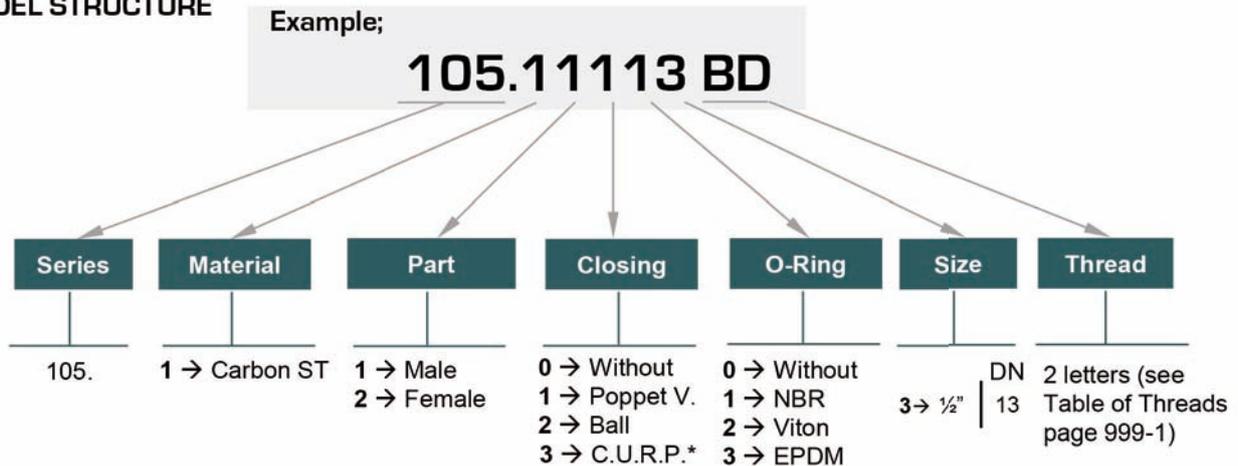
• **Sectors:** Industrial, Agricultural



• Equivalence

FASTER PV / CPV
ARGUS SVK
PARKER 4200

MODEL STRUCTURE

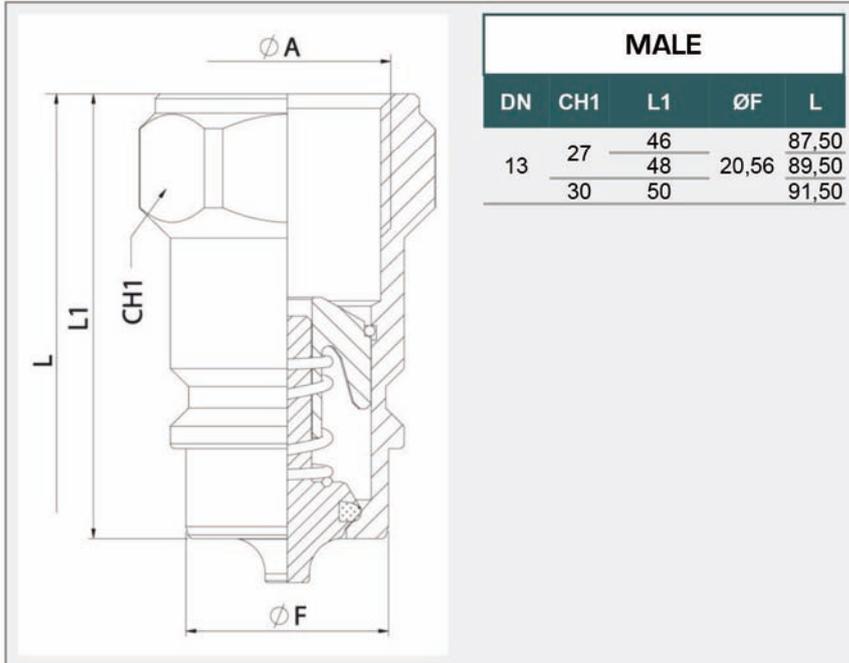


* DN13 available only.

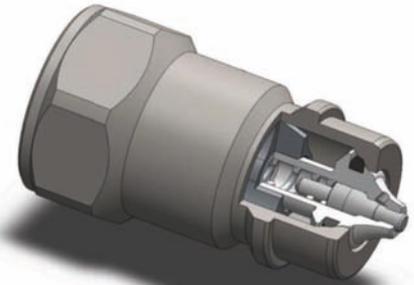
105-1



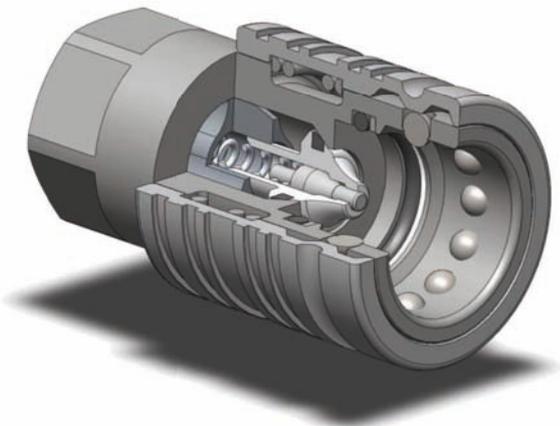
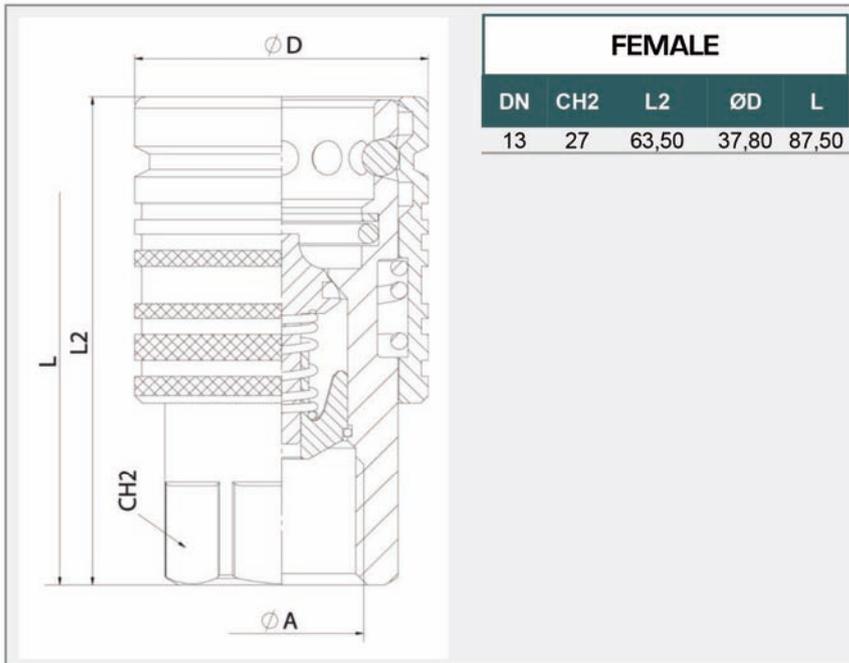
105 SERIES PSH



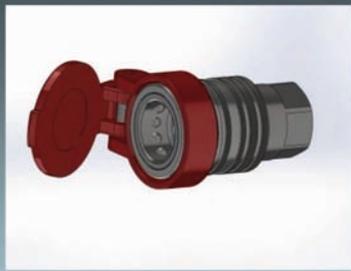
STANDARD MALE MODELS			
DN	ØA	MALE	
13	1/2" BSP	101.11113AD	300Bar
	1/2" NPTF	101.11113BD	
	M22x1,5	101.11113NG	
	3/4" - 16ORB	101.11113GF	
	7/8" 14ORB	101.11113GH	



C.U.R.P. connection is available in DN13
Up to 300 Bar.



STANDARD FEMALE MODELS			
DN	ØA	FEMALE	
13	1/2" BSP	105.12113AD	300Bar
	1/2" NPTF	105.12113BD	
	M22x1,5	105.12113NG	



105 SERIES PSH

PLUGS &
CAPS



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

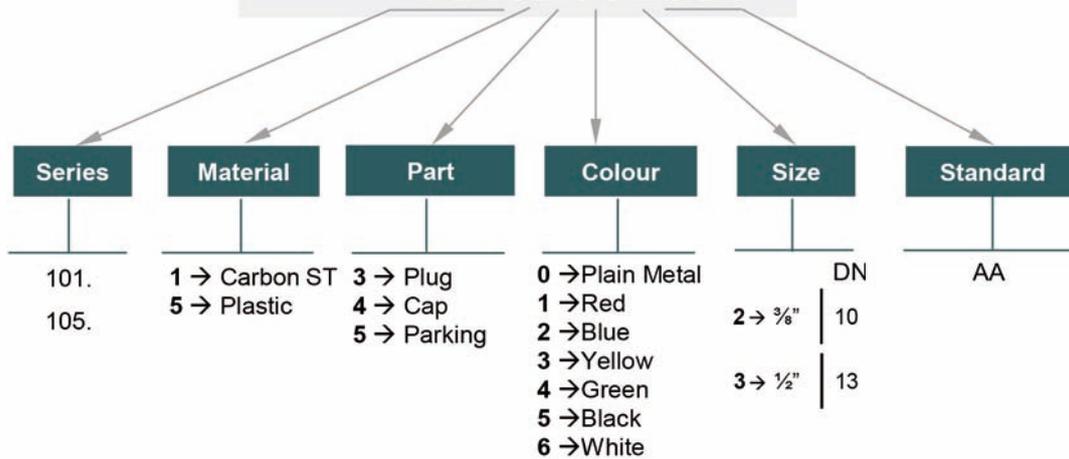
Manufactured according to ISO 7241-A norm, DN13 size meets as well ISO 5675 requirements.

MODEL STRUCTURE

For plugs/caps and parking parts

Example;

105.5413 AA




CAP						
DN	RED	BLUE	YELLOW	GREEN	BLACK	WHITE
10	105.5412AA	*	*	*	*	*
13	105.5413AA	*	*	*	*	*



PLUG						
DN	RED	BLUE	YELLOW	GREEN	BLACK	WHITE
10	101.5312AA	*	*	*	*	*
13	101.5313AA	*	*	*	*	*



CAP						
DN	RED	BLUE	YELLOW	GREEN	BLACK	WHITE
10	101.5412AA	*	*	*	*	*
13	101.5413AA	*	*	*	*	*

* Other colors available upon request.

105-3





105 SERIES

PSH

PARKINGS



	<table border="1"> <thead> <tr> <th colspan="4">PARKING 3B</th> </tr> <tr> <th>DN</th> <th>REF.</th> <th>ØA</th> <th>L</th> </tr> </thead> <tbody> <tr> <td>13</td> <td>101.1533AA</td> <td>32</td> <td>34</td> </tr> </tbody> </table>	PARKING 3B				DN	REF.	ØA	L	13	101.1533AA	32	34
PARKING 3B													
DN	REF.	ØA	L										
13	101.1533AA	32	34										
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PARKING 1T													
DN	REF.	ØA	L										
13	101.1533AC	30	38										
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PARKING 6B													
DN	REF.	ØA	L										
13	101.1533AB	34	38										
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PARKING PSH													
DN	REF.	ØA	L										
13	105.1533AA	37,80	40										



106 SERIES DIA



Manufactured according to ISO 5675 norm.
 Special product for American market.
 Poppet Valve or Ball closing system.
 BSP, NPTF, SAE/ORB threads. Other threads available upon request.

• Materials

Carbon Steel EN -10277-3
 Seals: NBR, Viton or EPDM
 Back-Up-Ring: PTFE
 Balls: AISI 1010/1015
 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

• **Sectors:** Industrial, Agricultural



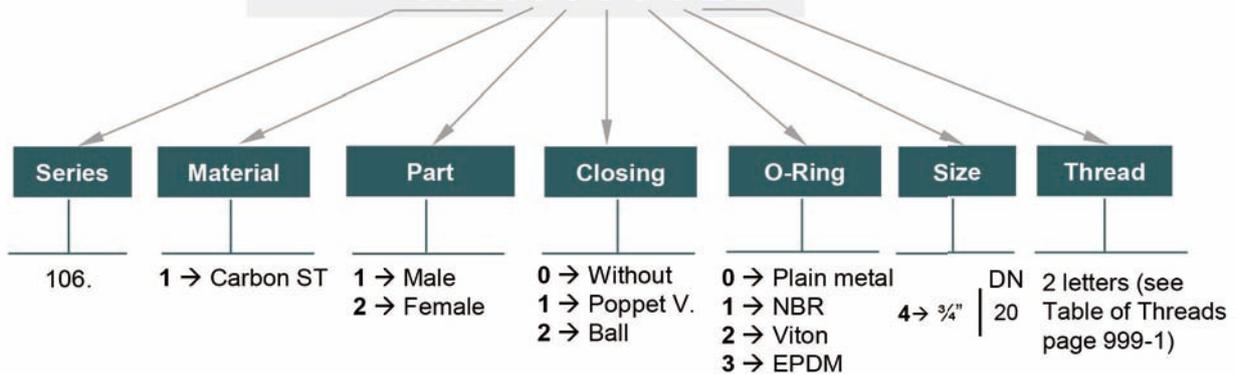
• Equivalence

FASTER NV-NS
 AERQUIP FD76
 PARKER 4000
 SNAP-TITE 60

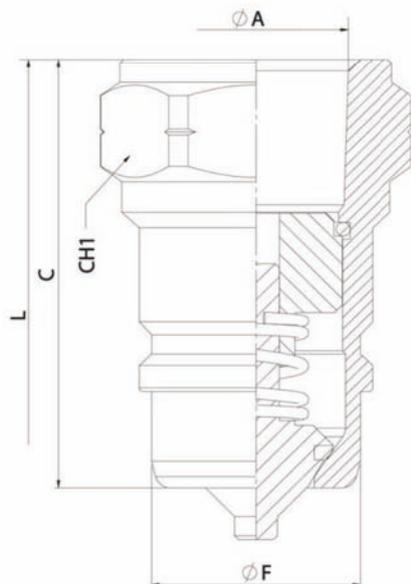
MODEL STRUCTURE

Example;

106.11114 BE



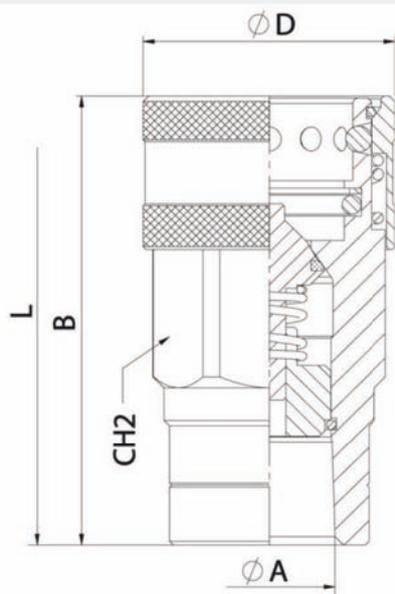
106 SERIES DIA



STANDARD MALE MODEL

DN	ϕA	REF.		CH1	C	ϕD	L
20	3/4" NPTF	106.11114BE	250Bar	36	56	26,85	112
20	3/4" NPTF	106.11214BE*	250Bar	36	56	26,85	112

* Ball Valve Style



STANDARD FEMALE MODEL

DN	ϕA	REF.		CH2	B	ϕF	L
20	3/4" NPTF	106.12114BE	250Bar	38	82	45,50	112
20	3/4" NPTF	106.12214BE*	250Bar	38	82	45,50	112

* Ball Valve Style



107 SERIES

PSM

DIN2353 Threads
 DIN2353 Bulkhead
 DIN3852 BSP/NPTF/ORB

Manufactured according to ISO 7241-A and ISO 5675 norms.
 Poppet Valve or Ball closing system.
 DIN2353 threads. Other threads available upon request.

• Materials

Carbon Steel EN -10277-3
 Seals: *NBR*
 Back-Up-Ring: *PTFE*
 Balls: *AISI 1010/1015*
 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

• **Sectors:** Industrial, Agricultural



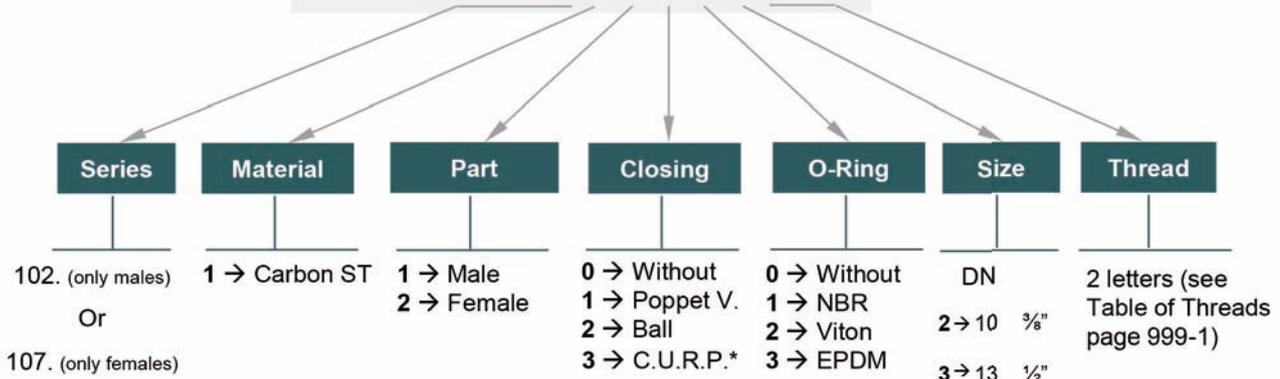
• Equivalence

FASTER PV 9 CPV
 ARGUS SVK
 PARKER 4200

MODEL STRUCTURE

Example;

107.12113 KF



* DN13 available only.

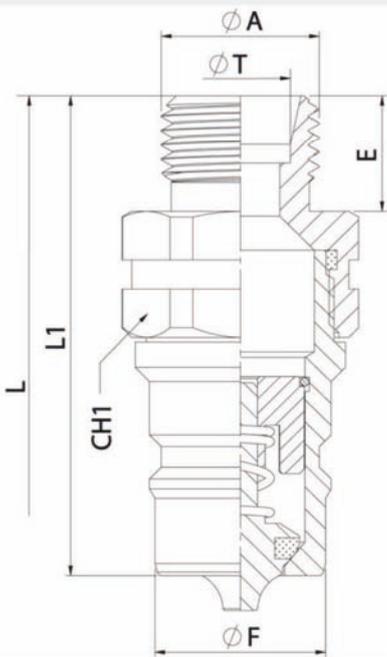
107-1



107 SERIES

PSM

DIN2353
Threads



MALE					
DN	CH1	L1	ØF	L	E
10	22	49,57	17,30	97,07	12
13	27	56	20,56	105,80	12
	30	79		151,80	35

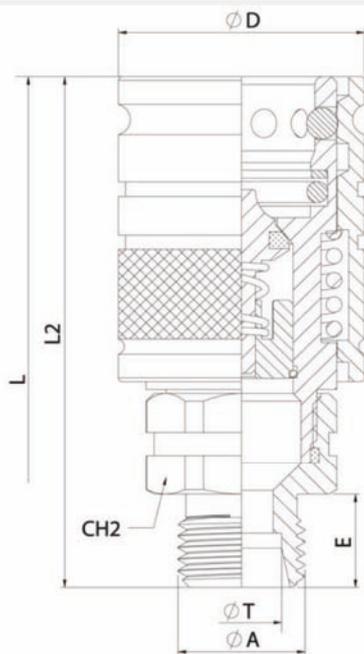
* DN10 MALE drawing

STANDARD MALE MODELS

DN	ØA	ØT	REF.	
10	M12x1,5	6L	102.11112JB	270Bar
	M14x1,5	8L	102.11112JC	
	M16x1,5	10L	102.11112JD	
	M18x1,5	12L	102.11112JE	
	M16x1,5	8S	102.11112KD	
	M18x1,5	10S	102.11112KE	
	M20x1,5	12S	102.11112KF	
	3/8" BSP	-	102.11112AN	
13	M14x1,5	8L	102.11113JC	250Bar
	M16x1,5	10L	102.11113JD	
	M18x1,5	12L	102.11113JE	
	M22x1,5	15L	102.11113JG	
	M26x1,5	18L	102.11113JI	
	M18x1,5	10S	102.11113KE	
	M20x1,5	12S	102.11113KF	
	M22x1,5	14S	102.11113KG	
	M24x1,5	16S	102.11113KH	
	M30x2	20S	102.11113KJ	

STANDARD FEMALE MODELS

DN	ØA	ØT	REF.	
10	M12x1,5	6L	107.12112JB	270Bar
	M14x1,5	8L	107.12112JC	
	M16x1,5	10L	107.12112JD	
	M18x1,5	12L	107.12112JE	
	M16x1,5	8S	107.12112KD	
	M18x1,5	10S	107.12112KE	
	M20x1,5	12S	107.12112KF	
	3/8" BSP	-	107.12112AN	
13	M14x1,5	8L	107.12113JC	250Bar
	M16x1,5	10L	107.12113JD	
	M18x1,5	12L	107.12113JE	
	M22x1,5	15L	107.12113JG	
	M26x1,5	18L	107.12113JI	
	M18x1,5	10S	107.12113KE	
	M20x1,5	12S	107.12113KF	
	M22x1,5	14S	107.12113KG	
	M24x1,5	16S	107.12113KH	
	M30x2	20S	107.12113KJ	



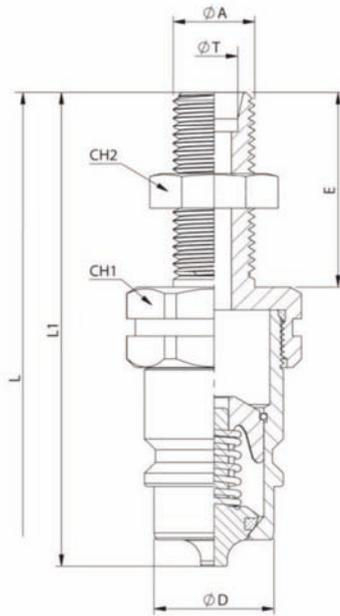
FEMALE					
DN	CH2	L2	ØD	L	E
10	22	65,50	31	97,07	12
13	27	71,80	37,80	105,80	12
	30	94,80		151,80	35

* DN10 FEMALE drawing

107 SERIES

PSM

DIN2353
Bulkhead

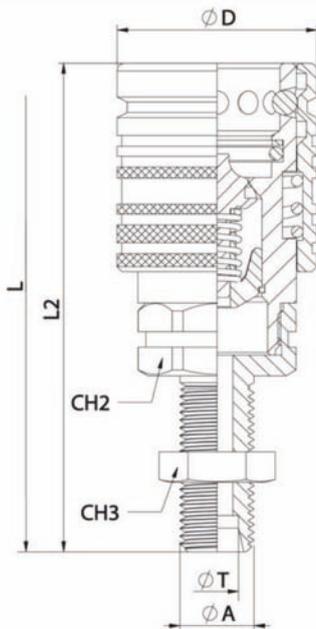


MALE							
DN	CH1	CH2	L1	ϕD	L		
10	22	19	71,57	17,30	141,07		
		22					
		24					
		19				78	149,80
		30				79	151,80
13	27	24	68	129,80			
		27	79	151,80			
		30	56	105,80			
		24	68	129,80			
		27	79	151,80			
		27	79	151,80			
		30	79	151,80			
		30	36	79	151,80		

* DN13 MALE drawing

STANDARD MALE MODELS

DN	ϕA	ϕT	REF.	
10	M12x1,5	6L	102.11112LB	270Bar
	M14x1,5	8L	102.11112LC	
	M16x1,5	10L	102.11112LD	
	M18x1,5	12L	102.11112LE	
	M16x1,5	8S	102.11112MD	
	M18x1,5	10S	102.11112ME	
	M20x1,5	12S	102.11112MF	
13	M14x1,5	8L	102.11113LC	250Bar
	M16x1,5	10L	102.11113LD	
	M18x1,5	12L	102.11113LE	
	M22x1,5	15L	102.11113LG	
	M26x1,5	18L	102.11113LI	
	M18x1,5	10S	102.11113ME	
	M20x1,5	12S	102.11113MF	
	M22x1,5	14S	102.11113MG	
	M24x1,5	16S	102.11113MH	
	M30x2	20S	102.11113MJ	



FEMALE							
DN	CH2	CH3	L2	ϕD	L		
10	22	19	87,5	31	141,07		
		22					
		24					
		19				78	149,80
		30				79	151,80
13	27	24	68	129,80			
		27	79	151,80			
		30	56	105,80			
		24	68	129,80			
		27	79	151,80			
		27	79	151,80			
		30	79	151,80			
		30	36	79	151,80		

* DN13 FEMALE drawing

STANDARD FEMALE MODELS

DN	ϕA	ϕT	REF.	
10	M12x1,5	6L	107.12112LB	270Bar
	M14x1,5	8L	107.12112LC	
	M16x1,5	10L	107.12112LD	
	M18x1,5	12L	107.12112LE	
	M16x1,5	8S	107.12112MD	
	M18x1,5	10S	107.12112ME	
	M20x1,5	12S	107.12112MF	
13	M14x1,5	8L	107.12113LC	250Bar
	M16x1,5	10L	107.12113LD	
	M18x1,5	12L	107.12113LE	
	M22x1,5	15L	107.12113LG	
	M26x1,5	18L	107.12113LI	
	M18x1,5	10S	107.12113ME	
	M20x1,5	12S	107.12113MF	
	M22x1,5	14S	107.12113MG	
	M24x1,5	16S	107.12113MH	
	M30x2	20S	107.12113MJ	

107-3

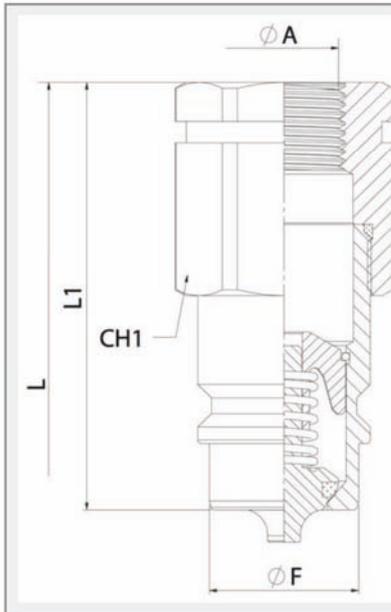


107 SERIES

PSM

DIN 3852
BSP/NPTF/ORB

INTEVA

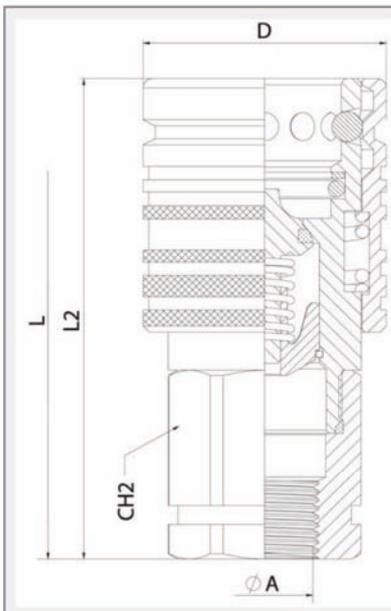


MALE					
DN	ØA	CH1	L1	ØF	L
10	1/4" BSP	22			
	1/4" NPTF	22			
	3/8" BSP	22			
	3/8" NPTF	22	50,57	17,30	99,07
	M16x1,5	22			
	M18x1,5	22			
13	3/8" BSP	27	60		113,80
	1/2" BSP	27	60		113,80
	3/4" NPTF	30	62		117,80
	M14x1,5	27	60		113,80
	M16x1,5	27	60	20,56	113,80
	M18,1,5	27	60		113,80
	M22x1,5	27	62		117,80
	3/4" -16ORB	27	60		113,80
	1/2" -14ORB	27	60		113,80
	* 3/4" -16ORB	27	67,20		128,20

* DN13 MALE drawing

STANDARD MALE MODELS		
DN	ØA	REF.
10	1/4" BSP	102.11112AB
	1/4" NPTF	102.11112BB
	3/8" BSP	102.11112AC
	3/8" NPTF	102.11112BC
	M16x1,5	102.11112ND
	M18x1,5	102.11112NE
13	3/8" BSP	102.11113AC
	1/2" BSP	102.11113AD
	3/4" NPTF	102.11113BE
	M14x1,5	102.11113NC
	M16x1,5	102.11113ND
	M18x1,5	102.11113NE
	M22x1,5	102.11113NG
	3/4" -16ORB	102.11113GF
1/2" -14ORB	102.11113GH	
* 3/4" -16ORB	102.11113GFA	

* This reference is habitually provided in the Spanish market, being the head cylindrical instead of 27mm hexagonal.

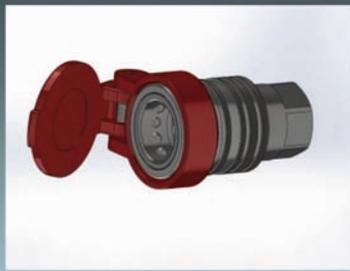


FEMALE					
DN	ØA	CH2	L2	ØD	L
10	1/4" BSP	22			
	1/4" NPTF	22			
	3/8" BSP	22			
	3/8" NPTF	22	66,5	31	99,07
	M16x1,5	22			
	M18x1,5	22			
13	3/8" BSP	27	75,80		113,80
	1/2" BSP	27	75,80		113,80
	3/4" NPTF	30	77,80		117,80
	M14x1,5	27	75,80		113,80
	M16x1,5	27	75,80	37,80	113,80
	M18,1,5	27	75,80		113,80
	M22x1,5	27	77,80		117,80
	3/4" -16ORB	27	75,80		113,80
	1/2" -14ORB	27	75,80		113,80
	* 3/4" -16ORB	27	83		128,20

* DN13 FEMALE drawing

STANDARD FEMALE MODELS		
DN	ØA	REF.
10	1/4" BSP	107.12112AB
	1/4" NPTF	107.12112BB
	3/8" BSP	107.12112AC
	3/8" NPTF	107.12112BC
	M16x1,5	107.12112ND
	M18x1,5	107.12112NE
13	3/8" BSP	107.12113AC
	1/2" BSP	107.12113AD
	3/4" NPTF	107.12113BE
	M14x1,5	107.12113NC
	M16x1,5	107.12113ND
	M18,1,5	107.12113NE
	M22x1,5	107.12113NG
	3/4" -16ORB	107.12113GF
1/2" -14ORB	107.12113GH	
* 3/4" -16ORB	107.12113GFA	

* This reference is habitually provided in the Spanish market, being the head cylindrical instead of 27mm hexagonal.



107 SERIES

PSM

PLUGS &
CAPS



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

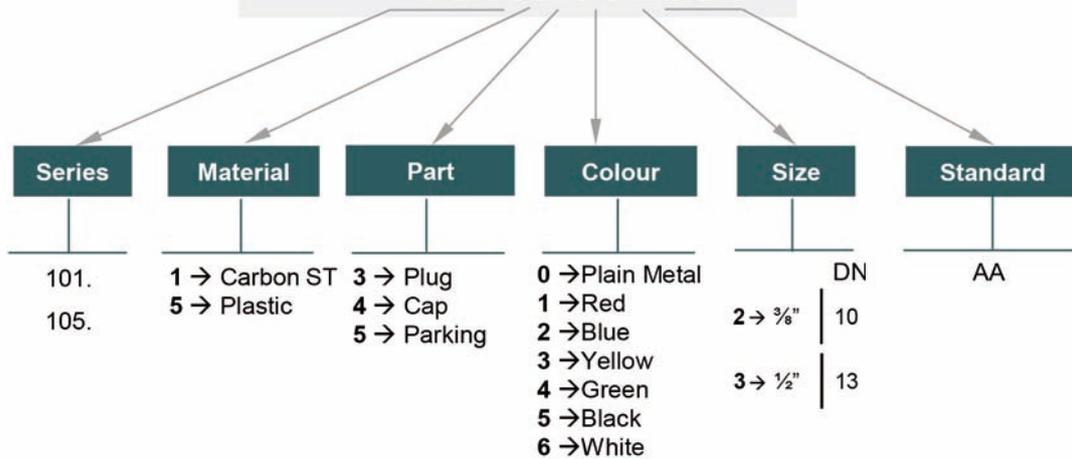
Manufactured according to ISO 7241-A norm, DN13 size meets also ISO 5675 requirements.

MODEL STRUCTURE

For plugs/caps and parking parts

Example;

105.5413 AA




CAP						
DN	RED	BLUE	YELLOW	GREEN	BLACK	WHITE
10	105.5412AA	*	*	*	*	*
13	105.5413AA	*	*	*	*	*



PLUG						
DN	RED	BLUE	YELLOW	GREEN	BLACK	WHITE
10	101.5312AA	*	*	*	*	*
13	101.5313AA	*	*	*	*	*



CAP						
DN	RED	BLUE	YELLOW	GREEN	BLACK	WHITE
10	101.5412AA	*	*	*	*	*
13	101.5413AA	*	*	*	*	*

* Other colors available upon request.



107 SERIES

PSM PARKING



PSM SERIES PARKINGS have been designed to protect FEMALE [coupler] or MALE [nipple] parts while they are disconnected. 4 TYPES available in 1/2", 3B, 1T, 6B and PSH.

	<table border="1"> <thead> <tr> <th colspan="4">PARKING 3B</th> </tr> <tr> <th>DN</th> <th>REF.</th> <th>ØA</th> <th>L</th> </tr> </thead> <tbody> <tr> <td>13</td> <td>101.1533AA</td> <td>32</td> <td>34</td> </tr> </tbody> </table>	PARKING 3B				DN	REF.	ØA	L	13	101.1533AA	32	34
PARKING 3B													
DN	REF.	ØA	L										
13	101.1533AA	32	34										
	<table border="1"> <thead> <tr> <th colspan="4">PARKING 1T</th> </tr> <tr> <th>DN</th> <th>REF.</th> <th>ØA</th> <th>L</th> </tr> </thead> <tbody> <tr> <td>13</td> <td>101.1533AC</td> <td>38</td> <td>30</td> </tr> </tbody> </table>	PARKING 1T				DN	REF.	ØA	L	13	101.1533AC	38	30
PARKING 1T													
DN	REF.	ØA	L										
13	101.1533AC	38	30										
	<table border="1"> <thead> <tr> <th colspan="4">PARKING 6B</th> </tr> <tr> <th>DN</th> <th>REF.</th> <th>ØA</th> <th>L</th> </tr> </thead> <tbody> <tr> <td>13</td> <td>101.1533AB</td> <td>34</td> <td>38</td> </tr> </tbody> </table>	PARKING 6B				DN	REF.	ØA	L	13	101.1533AB	34	38
PARKING 6B													
DN	REF.	ØA	L										
13	101.1533AB	34	38										
	<table border="1"> <thead> <tr> <th colspan="4">PARKING PSH</th> </tr> <tr> <th>DN</th> <th>REF.</th> <th>ØA</th> <th>L</th> </tr> </thead> <tbody> <tr> <td>13</td> <td>105.1533AA</td> <td>37,50</td> <td>40</td> </tr> </tbody> </table>	PARKING PSH				DN	REF.	ØA	L	13	105.1533AA	37,50	40
PARKING PSH													
DN	REF.	ØA	L										
13	105.1533AA	37,50	40										



SERIE 109 SMP



Poppet Valve closing system.
BSP, NPTF, SAE/ORB threads. Other threads available upon request.

• Materials

	CARBON STEEL	STAINLESS STEEL
Body	Carbon Steel EN-10277-3	AISI 316
Seals	NBR, Viton or EPDM	NBR, Viton or EPDM
Back-up-ring	PTFE	PTFE
Balls	AISI 1010/1015	AISI316 W. 14401
Springs	Carbon Steel DIN 17233/84(B)	AISI302 DIN 17224

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

• Equivalence

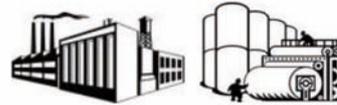
SM Series

• Working temperature (Seals)

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

• Sectors

Carbon Steel → Industrial.



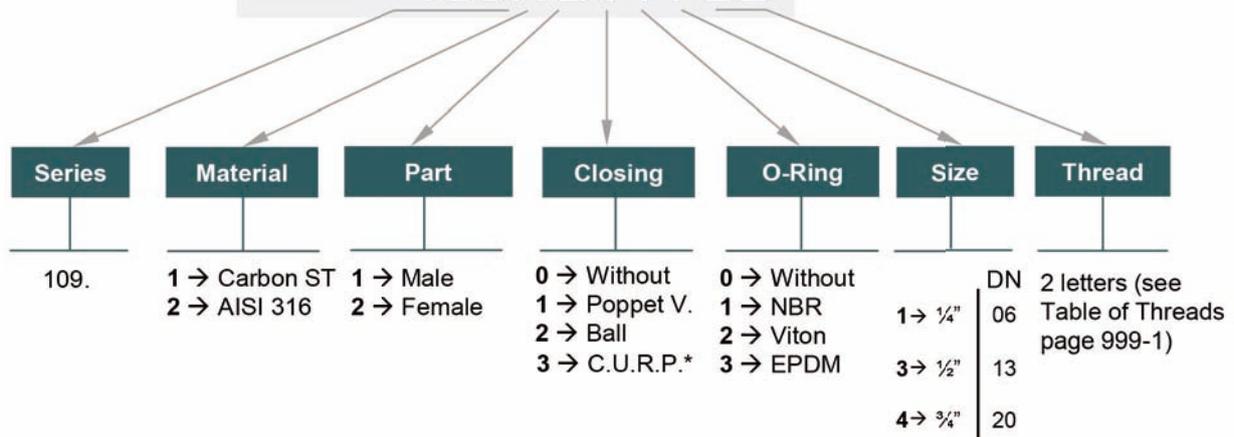
Stainless Steel → Chemical, Industrial, Offshore.



MODEL STRUCTURE

Example;

109.12111 BB



109-1



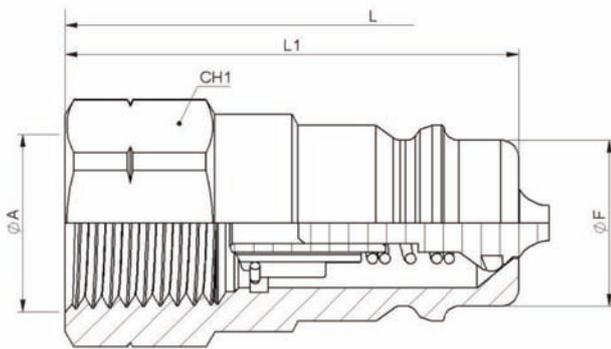


SERIE 109 SMP



MALE

DN	CH1	L1	ØF	L
06	19	38	14,10	76
13	27	46	23,55	92
20	36	56	31,45	112

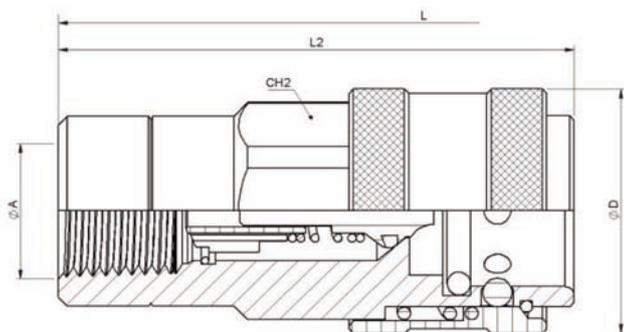


STANDARD CARBON STEEL MODELS

DN	ØA	MALE	FEMALE	
06	1/4" BSP	109.11111AB	109.12111AB	410Bar
	1/4" NPTF	109.11111BB	109.12111BB	
	1/2" BSP	109.11113AD	109.12113AD	
13	1/2" NPTF	109.11113BD	109.12113BD	410Bar
	3/4" - 16ORB	109.11113GF	109.12113GF	
	7/8" 14ORB	109.11113GH	109.12113GH	
20	3/4" BSP	109.11114AE	109.12114AE	310Bar
	3/4" NPTF	109.11114BE	109.12114BE	
	1 1/16"-12ORB	109.11114GK	109.12114GK	

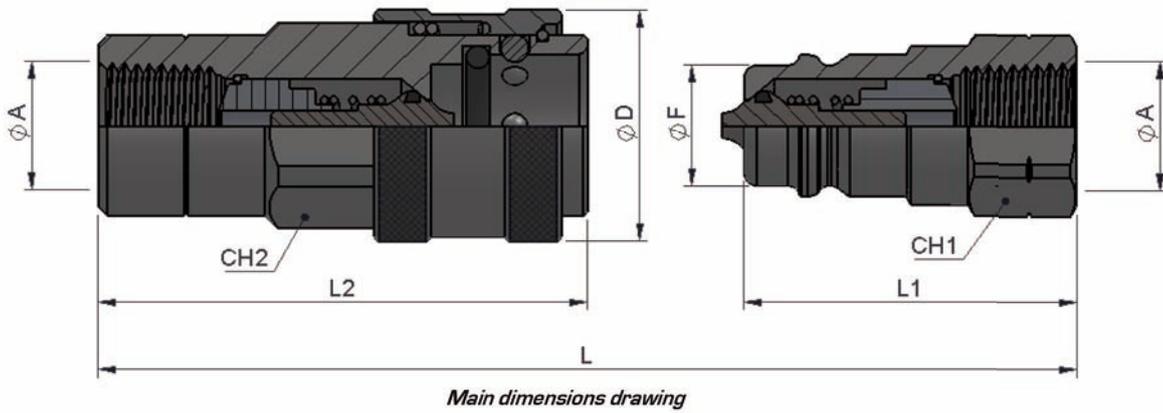
FEMALE

DN	CH2	L2	ØD	L
06	19	57,70	27	76
13	27	74	42	92
20	36	90	52	112



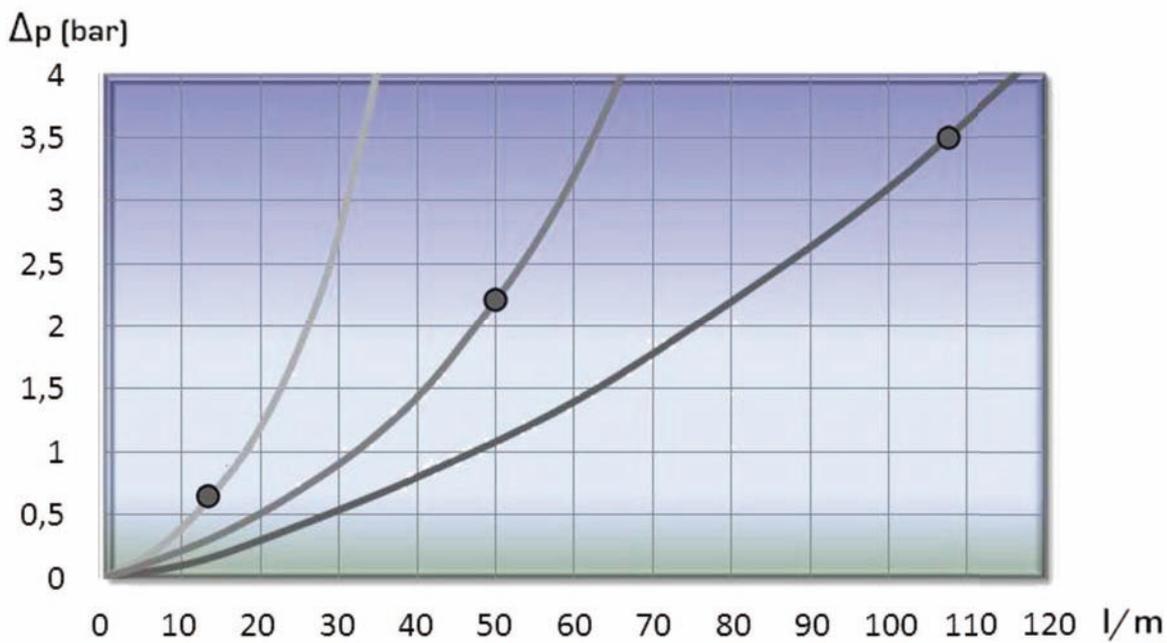


SERIE 109 SMP



TECHNICAL DATA

DN	Rated Flow	Min Burst Pressure (bar)			Max. Working Pressure
		Male	Female	Coupled	
06	12 l/m	1500	1600	1300	410 Bar
13	50 l/m	1400	1500	1300	410 Bar
20	110 l/m	1250	1400	1250	310 Bar



109-3





1077 SERIES TNS



Manufactured according to ISO 7241-A and ISO 5675 norms.
Poppet Valve or C.U.R.P. versión

• Materials

Carbon Steel EN -10277-3
Seals: *NBR*
Back-Up-Ring: *PTFE*
Balls: *AISI 1010/1015*
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

• Equivalence

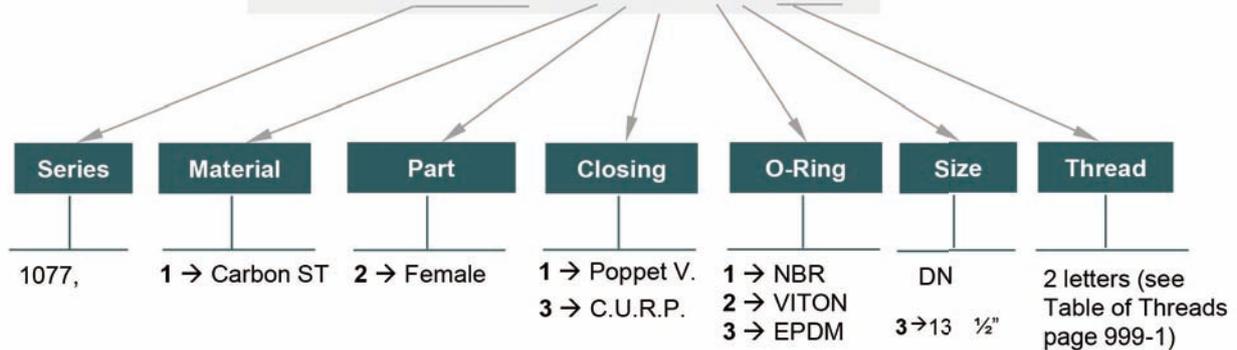
ISO 7241-A



MODEL STRUCTURE

Example;

1077.12113 OM



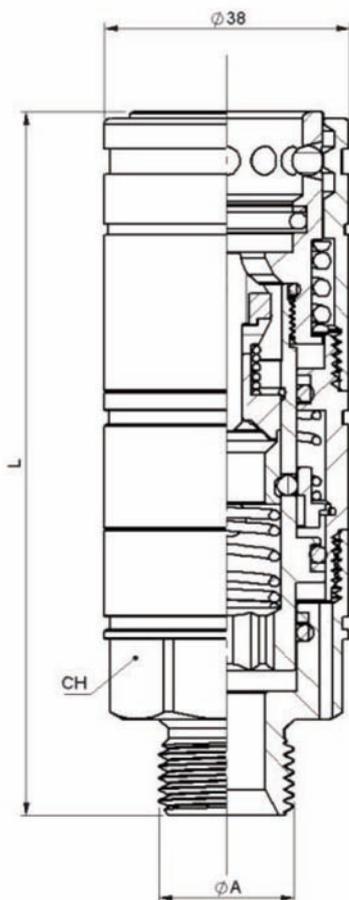
1077-1



SERIE 1077 TNS



STANDARD MODELS



DN	ϕA	F – M THREAD	NORMA	REF.		L	CH1
			DIN 3852-2-X	1077.12113AD			
		FEMALE	ANSI B1.20.3	1077.12113BD		107,3	
			SAE J1926-1	1077.12113GF			
				1077.12113GH			
			DIN 3852	1077.12113AO		109,3	
				1077.12113HF		107,5	
			SAE J1926-2	1077.12113HH		113,7	
				1077.12113HK		110,8	
		MALE	ISO 6149-2	1077.12113OH		113,3	
				1077.12113OM		110,8	
				1077.12113JG			
				1077.12113JJ		118	
13			ISO 8434-1	1077.12113KG	250Bar		32
			DIN 2353	1077.12113LE			
		MALE BULKHEAD		1077.12113LG		121,5	
				1077.12113MH			
		MALE		1077.12113YF		111,1	
				1077.12113YH		115,1	
		MALE BULKHEAD	ISO 8434-2	1077.12113YFP		124,8	
				1077.12113YHP		128,8	
		MALE		1077.12113ZG		108,6	
		MALE	ISO 8434-3	1077.12113ZIP		130,3	
		BULKHEAD		1077.12113ZMP		136,8	
		MALE	ISO 9974-2 DIN 3852-11	1077.12113QM		110,3	

Manufactured according to ISO7241-A. These example referenes are without C.U.R.P., conexión under pressure only when the pressure is in the male side.

- When the coupling is connected they can rotate even under pressure, thus avoiding any torsional stress in the flexible hoses.
- Compatible with RSD (Parker) and 3CFPV (Faster).
- Connection with any regular ISO7241-A male.
- Connection under residual pressure when pressure is in the male side.
- Connection under residual pressure in both parts, male and female, in C.U.R.P. version.
- Poppet valve made in hardened carbon steel.
- Push Pull connection.
- Wide range of threads.
- Mechanical block of valves is automatic and prevents return line shut down even at high flow rate.

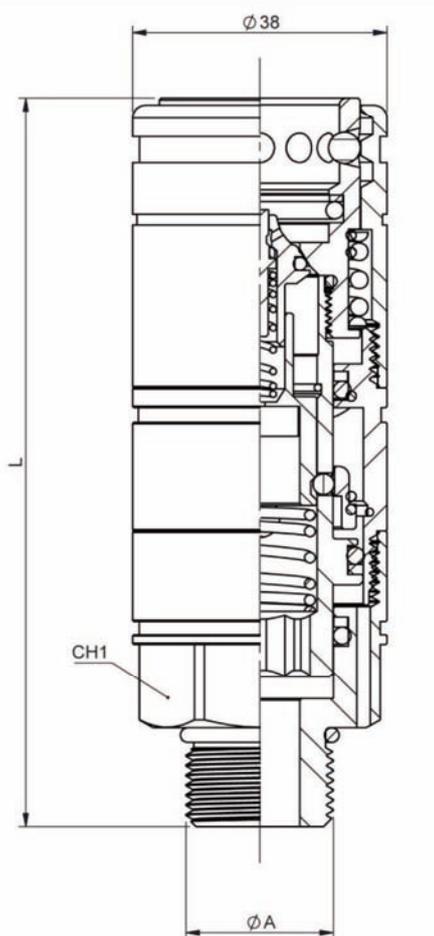
1077-2



SERIE 1077

TNS C.U.R.P.

STANDARD MODELS



DN	ØA	F – M THREAD	NORMA	REF.		L	CH1
1/2" BSP		FEMALE	DIN 3852-2-X	1077.12313AD		107,3	
1/2" NPTF			ANSI B1.20.3	1077.12313BD			
3/4" UNF			SAE J1926-1	1077.12313GF			
7/8" UNF				1077.12313GH			
1/2" BSP			DIN 3852	1077.12313AO			
1/2" BSPT		MALE		1077.12313DO		109,3	
3/4" UNF				1077.12313HF			
7/8" UNF			SAE J1926-2	1077.12313HH			
1 1/16" UN				1077.12313HK			
M18x1,5			ISO 6149-2	1077.12313OH			
M22x1,5		MALE BULKHEAD		1077.12313OM		110,8	
M22x1,5 15L				1077.12313JG			
M30x2 22L				1077.12313JJ			
M22x1,5 14S			ISO 8434-1	1077.12313KG			
M18x1,5 12L			DIN 2353	1077.12313LE			
M22x1,5 15L		MALE BULKHEAD		1077.12313LG		121,5	
M24x1,5 16S				1077.12313MH			
3/4" UNF			MALE	1077.12313YF			
7/8" UNF				1077.12313YH			
3/4" UNF			MALE BULKHEAD	1077.12313YFP			
7/8" UNF		MALE BULKHEAD	ISO 8434-2	1077.12313YHP		128,8	
13/16" UN				1077.12313ZG			
1" UNS			ISO 8434-3	1077.12313ZIP			
1 3/16" UN				1077.12313ZMP			
M22x1,5			MALE	ISO 9974-2 DIN 3852-11			1077.12313QM

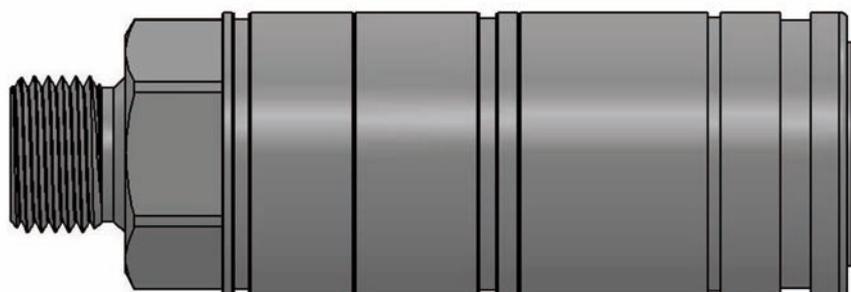
Manufactured according to ISO7241-A. These example referenes are with C.U.R.P., conexión under pressure.

- When the coupling is connected they can rotate even under pressure, thus avoiding any torsional stress in the flexible hoses.
- Compatible with 4SRPV (Faster).
- Connection with any regular ISO7241-A male.
- Connection under residual pressure when pressure is in the male and female sides.
- Connection under residual pressure in both parts, male and female, in C.U.R.P. version.
- Poppet valve made in hardened carbon steel.
- Push Pull connection.
- Wide range of threads.
- Mechanical block of valves is automatic and prevents return line shut down even at high flow rate.

1077-3



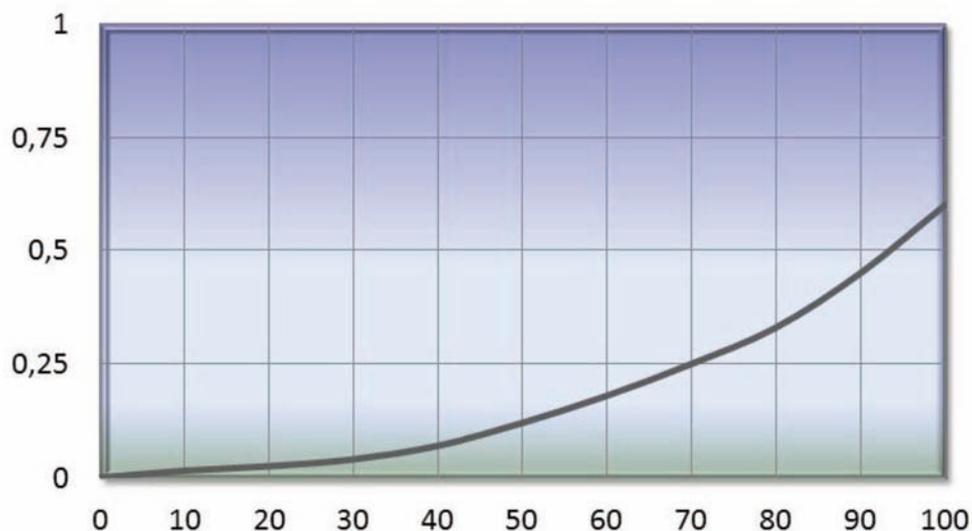
SERIE 1077 TNS



ISO-A DN13

Standard Models						
DN	Thread	REF.	Working Pressure	Flow Rate	Max. Residual Pressure Connection	Spillage
13	½" BSP	1077.12113AD	275 Bar	90 l/min	250 Bar	1,8 cc

TECHNICAL DATA						
DN	Rated Flow	Min Burst Pressure (bar)			Max. Working Pressure	Force to Connect
		Male	Female	Coupled		
13	90 l/min	1200	1300	1325	275	220 N



1077-4





120 SERIES

IFR

DIN 2353, DIN3852 / BSP
DIN 2353 SAE/ORB

Manufactured according ISO 5676 / ISO / TC23 / NFU 16006 norms.
BSP, DIN2353, DIN3852, SAE/ORB threads, other threads available upon request.

• Materials

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

• Working temperature (Seals)

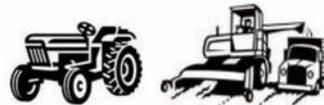
	NBR	Viton	EPDM
	+100°C	+200°C	+150°C
	-30°C	-10°C	-40°C

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

• Equivalence

FASTER VF
GROMELLE Q-9000

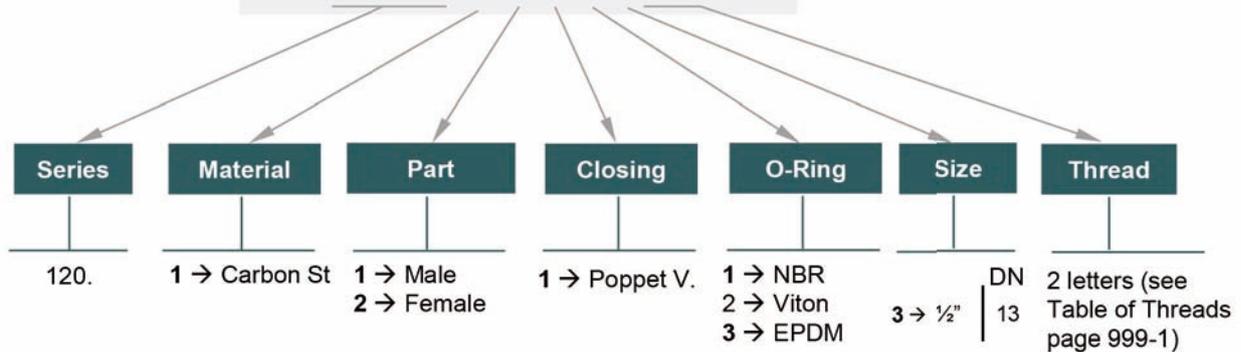
• **Sectors:** Agricultural



MODEL STRUCTURE

Example;

120.11113 JE

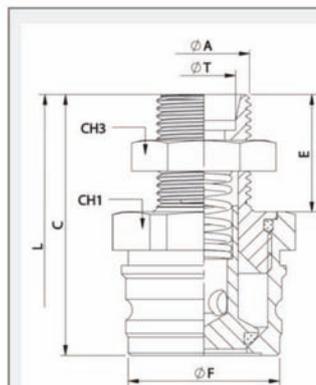


120-1

120 SERIES

IFR

DIN 2353 SAE
DIN 3852 / BSP



MALE

DN	CH1	CH3	C	ØF	E	L
13	32	$\frac{24}{27}$	51	29	23	*

* The nut is included in the Bulkhead version

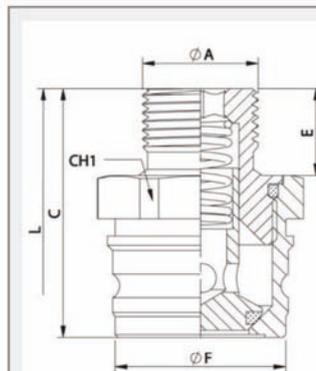
• Manufactured according to ISO 5676 / ISO/TC23 NFU 16006 norms.

★ SPECIAL OPTIONS:

Male with plastic Cap 120.5433AC incorporated, add to base code 010. (Minimum quantity: 250units)

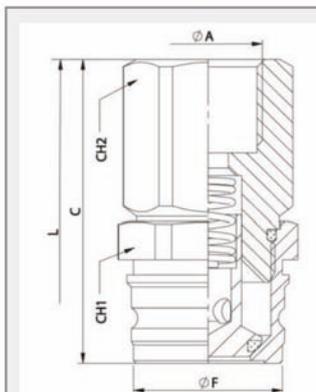
STANDARD MALE MODELS

DN	ØA	ØT	REF.	
13	M18x1,5	12L	120.11113JE	150Bar
	M20x1,5	Ø13,5	120.11113KFA	
	M22x,15	15L	120.11113JG	
	$\frac{1}{2}$ " BSP M.	-	120.11113AO	
	$\frac{1}{2}$ " BSP	-	120.11113AD	
	$\frac{1}{2}$ " BSP Bulkhead		120.11113CO	



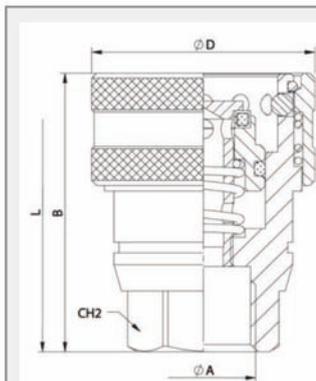
MALE

DN	CH1	C	ØF	E	L
13	32	43	29	15	*



MALE

DN	CH1	CH2	C	ØF	E	L
13	32	$\frac{24}{27}$	51	29	31	*



FEMALE

DN	CH2	B	ØD	L
13	27	57	45	*

* Metal parking parts is included in all female parts

STANDARD FEMALE MODELS

DN	ØA	REF.	
13	$\frac{3}{8}$ " BSP	120.12113AC	150 Bar
	$\frac{1}{2}$ " BSP	120.12113AD	
	M18x1.5	120.12113NE	
	M20x1.5	120.12113NF	

120-2





120 SERIES

IFR

DIN 2353
DIN3852 / BSP

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

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

MALE								
DN	ØA	CH1	C	ØF	E	L	REF.	
13	¾"-16UNF M. (without 37° cone)	32	47,50	29	19,50	*	120.11113HFA	150Bar

MALE								
DN	ØA	CH1	C	ØF	E	L	REF.	
13	¾"-16UNF M. Prolonged	32	90	29	62	*	120.11113GFA	150Bar

MALE											
DN	ØA	ØA1	ØT	CH1	CH2	C	ØF	E	L	REF.	
13	M16x1,5 M20x1,5	M36x2	10L	32	27	54	29	26	*	120.11113JDA	150Bar

• The nut is included in the Bulkhead version

MALE									
DN	ØA	ØT	CH1	C	ØF	E	L	REF.	
13	M22x1,5 Prolonged	15L	32	61,50	29	35	*	120.11113JGA	150Bar

• The nut is included in the Bulkhead version

MALE										
DN	ØA	ØT	CH1	CH2	C	ØF	E	L	REF.	
13	M22x1,5 Bulkhead Prolonged	15L	32	27	77,50	29	49,50	*	120.11113LGA	150Bar

• The nut is included in the Bulkhead version

120-3



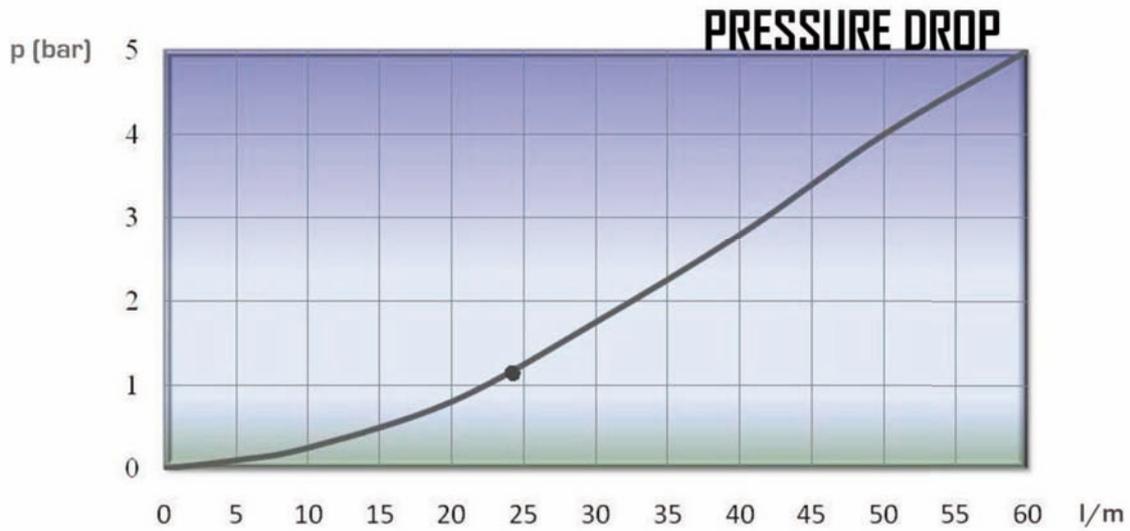


120 SERIES IFR



TECHNICAL DATA

DN	Rated Flow	Min Burst Pressure (bar)			Max. Working Pressure
		Male	Female	Coupled	
13	24 l/m	1360	640	1260	150



120-4





120 SERIES IFR

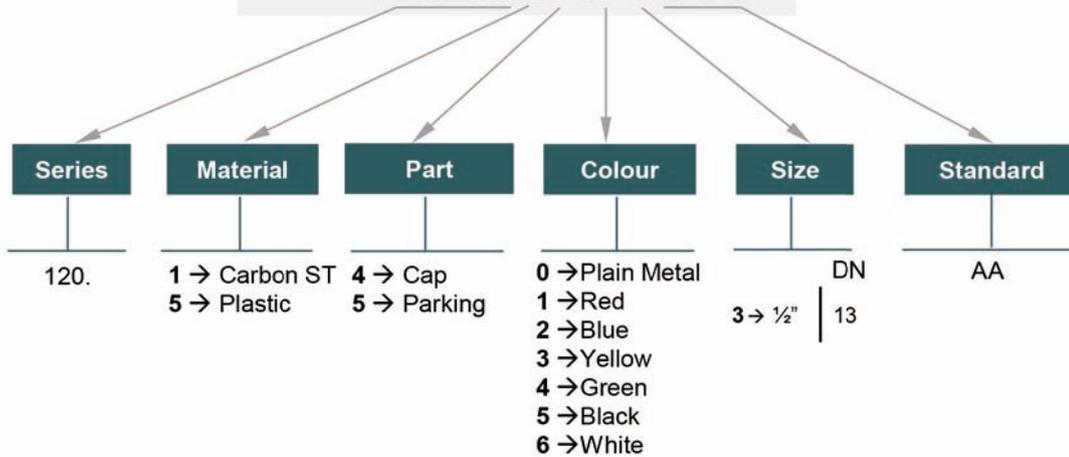
CAP &
PARKING

IFR SERIES CAPS have been designed to protect FEMALE parts during disconnection. They have been manufactured according to ISO 5675 / ISO/TC23 / NFU16006 requirements.

MODEL STRUCTURE For caps and parking parts

Example;

120.5433 AA



DN	REF.	ØD	ØD1
13	120.5433AA	30	30

Standard in yellow

DN	REF.	L	ØA
13	120.1533AA	17	29,80

123 SERIES AGR+ISO-A



Designed to connect hydraulic systems of tractor and trailer

• Materials

Carbon Steel EN -10277-3
Seals: NBR, Viton or EPDM
Balls: AISI 1010/1015
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

• **Sectors:** Agricultural



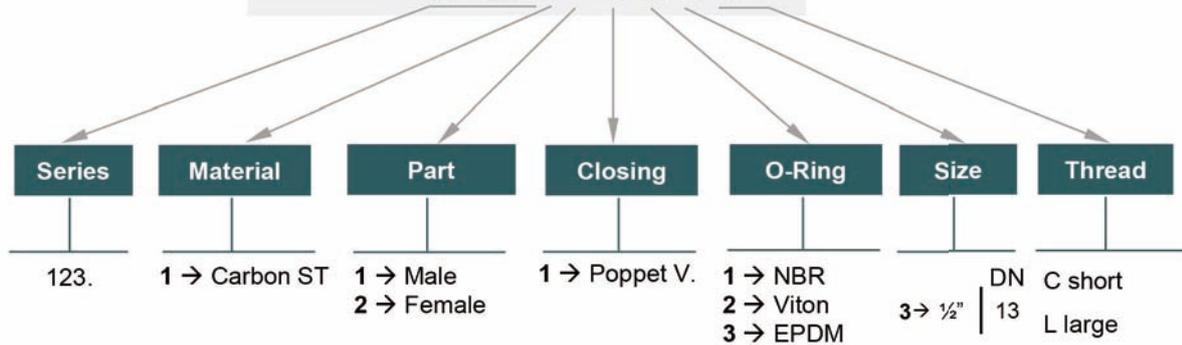
• Equivalence

GROMELLE K-8000

MODEL STRUCTURE

Example;

123.11113 C



123-1

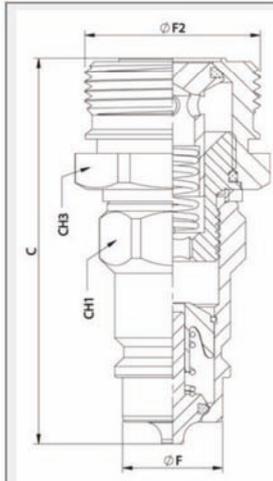




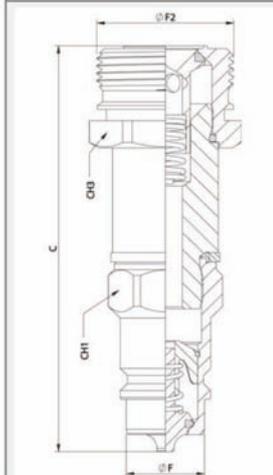
123 SERIES AGR+ISO-A

SPECIAL OPTIONS:

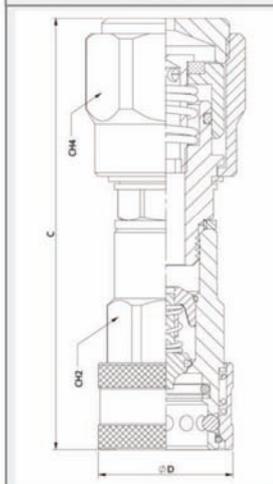
Male with plastic cap 122.5433AC included, add 010 at the end of base code. (Min. quantity: 250 units)



MALE							
DN	CH1	CH3	ØF	ØF2	C	REF.	
13	27	36	20,56	36	76	123.11113C	250Bar



MALE							
DN	CH1	CH3	ØF	ØF2	C	REF.	
13	27	36	20,56	36	104	123.11113L	250Bar



FEMALE						
DN	CH2	CH4	C	ØD	REF.	
13	30	41	124,3	38	123.12113C	250Bar

123-2



125 SERIES TFH



Poppet valve or CURP closing system.
BSPT, NPTF, DIN 2353, DIN 3852, SAE/ORB and other threads upon request
AISI 316 available only by minimum quantities

• Materials

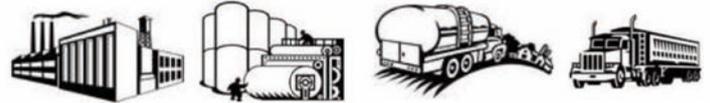
Carbon Steel EN -10277-3 / AISI 316L / Brass
Seals: NBR, Viton or EPDM
Back-up-ring: PTFE
Balls: AISI 1010/1015
Springs: Carbon Steel DIN 17233/84(B)

• 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

• **Sectors:** Industrial



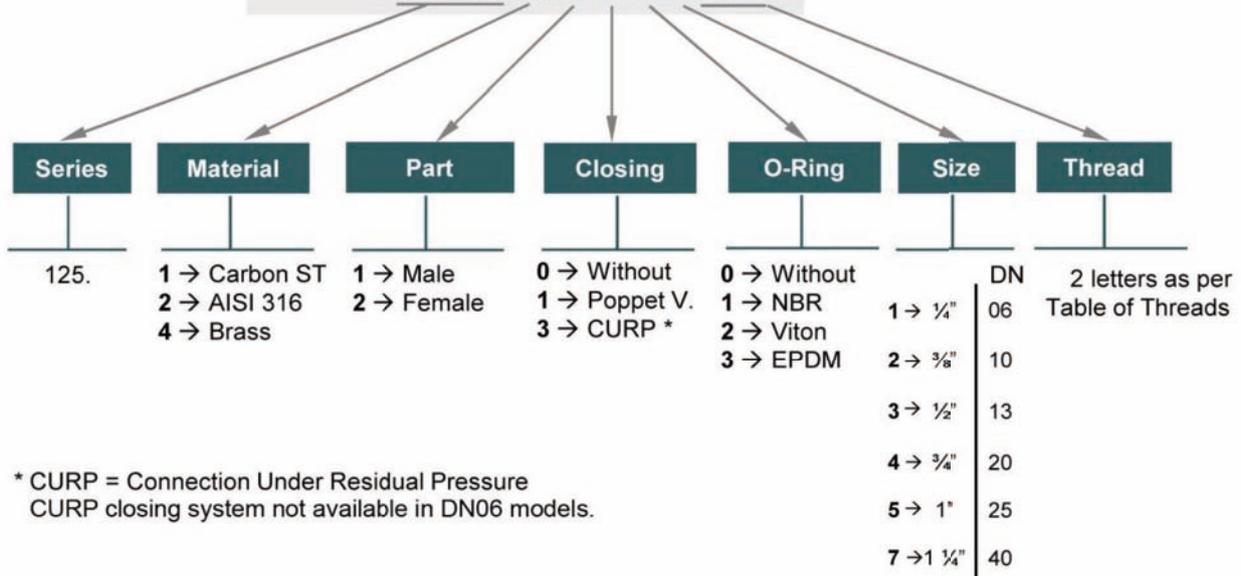
• Equivalence

RECTUS TEMA T - Series
CEJN Series 525

MODEL STRUCTURE

Example;

125.12312 AC



* CURP = Connection Under Residual Pressure
CURP closing system not available in DN06 models.

125-1



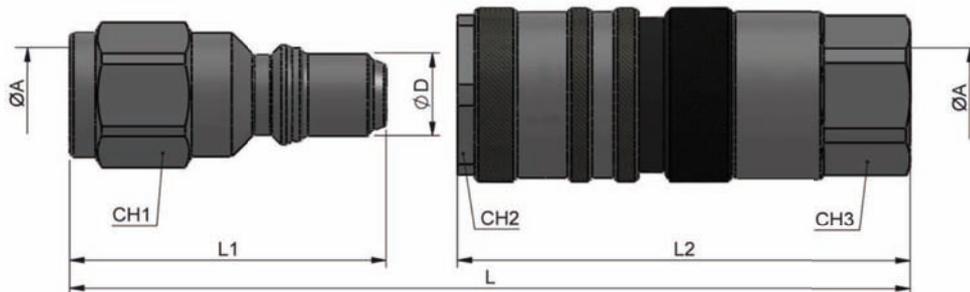


125 SERIES TFH

Carbon Steel



1/4" DN06 (CURP not available)



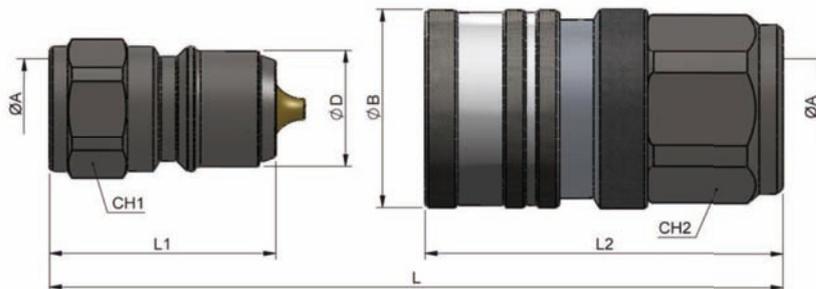
STANDARD MALE MODELS

DN	ØA	REF.	CH1	ØD	L1	L
06	1/4" BSP	125.11111AB 450Bar	19	11,9	45	81

STANDARD FEMALE MODELS

DN	ØA	REF.	CH2	CH3	L2	L
06	1/4" BSP	125.12111AB 450Bar	22	21	64	81

3/8" DN10



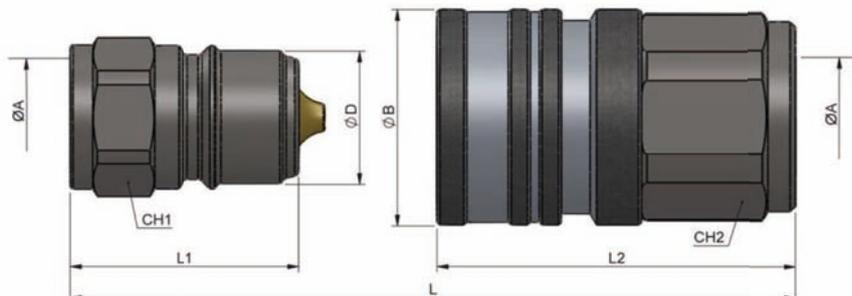
STANDARD MALE MODELS

DN	ØA	REF.	CH1	ØD	L1	L
10	3/8" BSP	125.11112AC 350Bar	22	19,85	38	74

STANDARD FEMALE MODELS

DN	ØA	REF.	CH2	ØB	L2	L
10	3/8" BSP	125.12112AC 350Bar	30	34	60	74

1/2" DN13



STANDARD MALE MODELS

DN	ØA	REF.	CH1	ØD	L1	L
13	1/2" BSP	125.11113AD 300Bar	27	24,7	41,5	82

STANDARD FEMALE MODELS

DN	ØA	REF.	CH2	ØB	L2	L
13	1/2" BSP	125.12113AD 300Bar	36	40	65	82

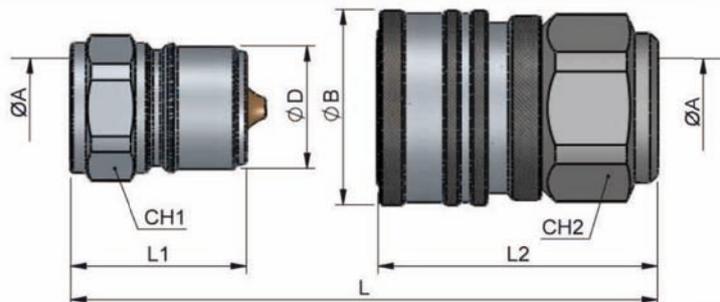
125 SERIES

TFH

Carbon Steel



3/4" DN20



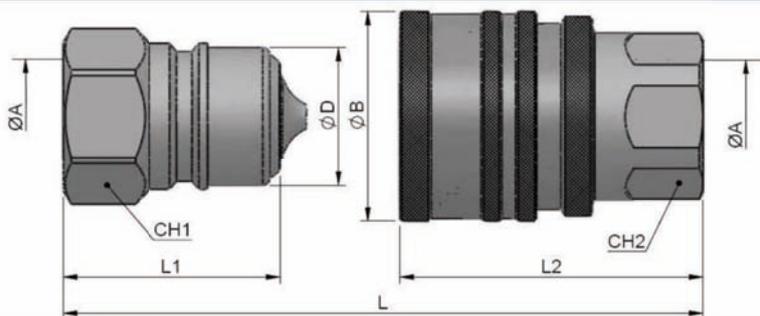
STANDARD MALE MODELS

DN	ØA	REF.		CH1	ØD	L1	L
20	3/4" BSP	125.11114AE	280Bar	36	32,7	46	91

STANDARD FEMALE MODELS

DN	ØA	REF.		CH2	ØB	L2	L
20	3/4" BSP	125.12114AE	280Bar	46	52	72	91

1" DN25



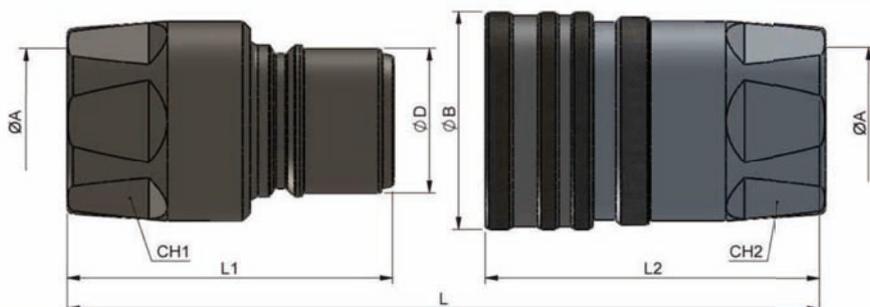
STANDARD MALE MODELS

DN	ØA	REF.		CH1	ØD	L1	L
25	1" BSP	125.11115AF	250Bar	46	40,8	63	115,4

STANDARD FEMALE MODELS

DN	ØA	REF.		CH2	ØB	L2	L
25	1" BSP	125.12115AF	250Bar	46	62	88	115,4

1 1/2" DN40



STANDARD MALE MODELS

DN	ØA	REF.		CH1	ØD	L1	L
40	1 1/2" BSP	125.11117AH	200Bar	60	48,5	107	173

STANDARD FEMALE MODELS

DN	ØA	REF.		CH2	ØB	L2	L
40	1 1/2" BSP	125.12117AH	200Bar	60	73	112	173

125-3





125 SERIES

TFH

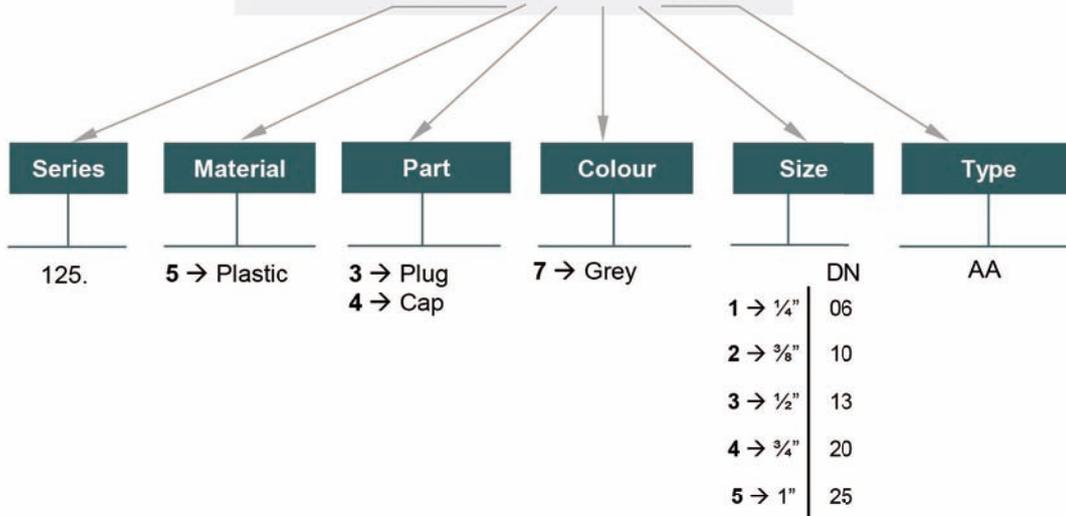
PLUGS
& CAPS



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

Example;

125.5372 AA



Plug for Female Part		
REF.	DN	Colour
125.5371AA	06	Grey
125.5372AA	10	Grey
125.5373AA	13	Grey
125.5374AA	20	Grey
125.5375AA	25	Grey

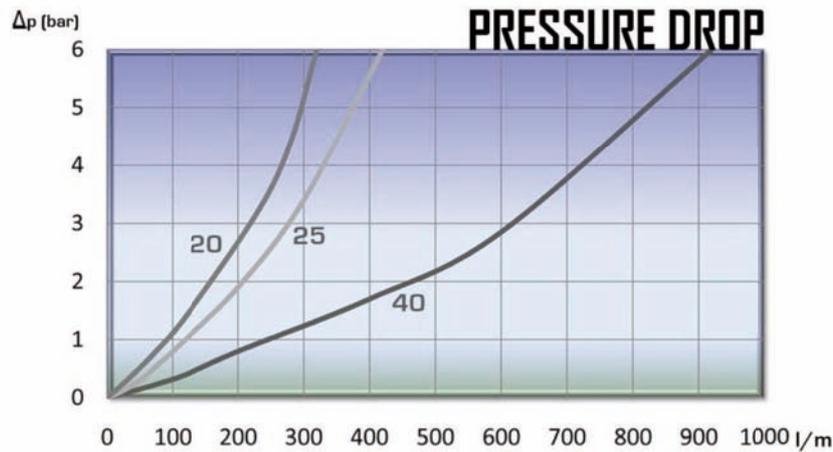
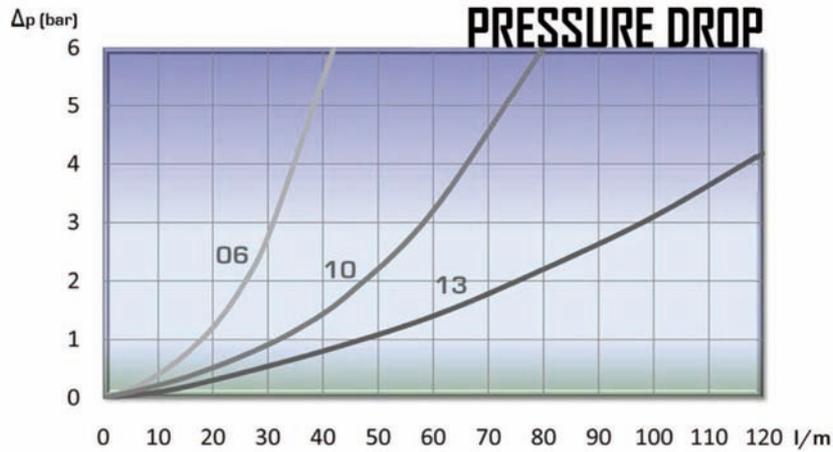
Cap for Male Part		
REF.	DN	Colour
125.5471AA	06	Grey
125.5472AA	10	Grey
125.5473AA	13	Grey
125.5474AA	20	Grey
125.5475AA	25	Grey



125 SERIES TFH



GRAPHICS



TECHNICAL DATA

DN	Min Burst Pressure (bar)			Max. Working Pressure*
	Male	Female	Coupled	
06	1650	1700	1800	450 bar
10	1320	1400	1400	350 bar
13	1100	1200	1200	300 bar
20	1050	1100	1120	280 bar
25	980	1050	1000	250 bar
40	750	780	800	200 bar

125-5

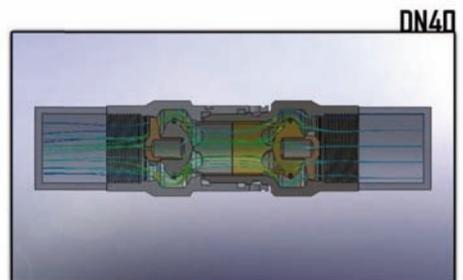
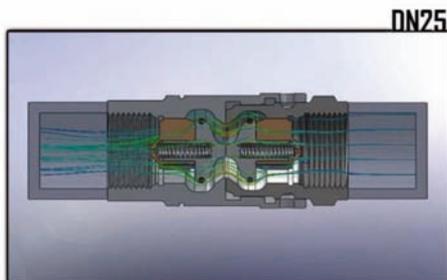
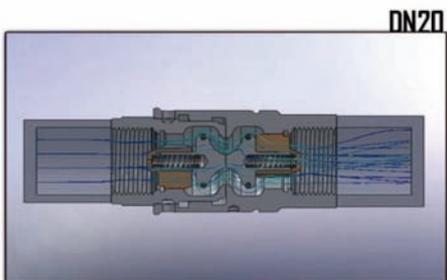
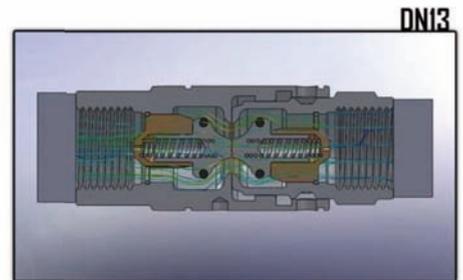
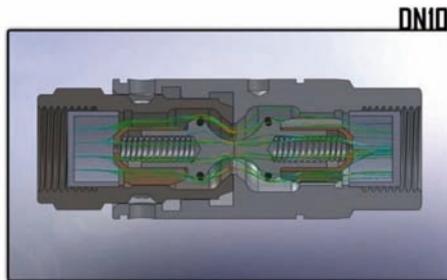
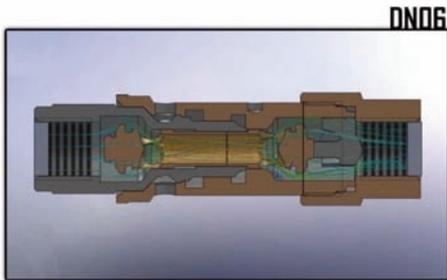




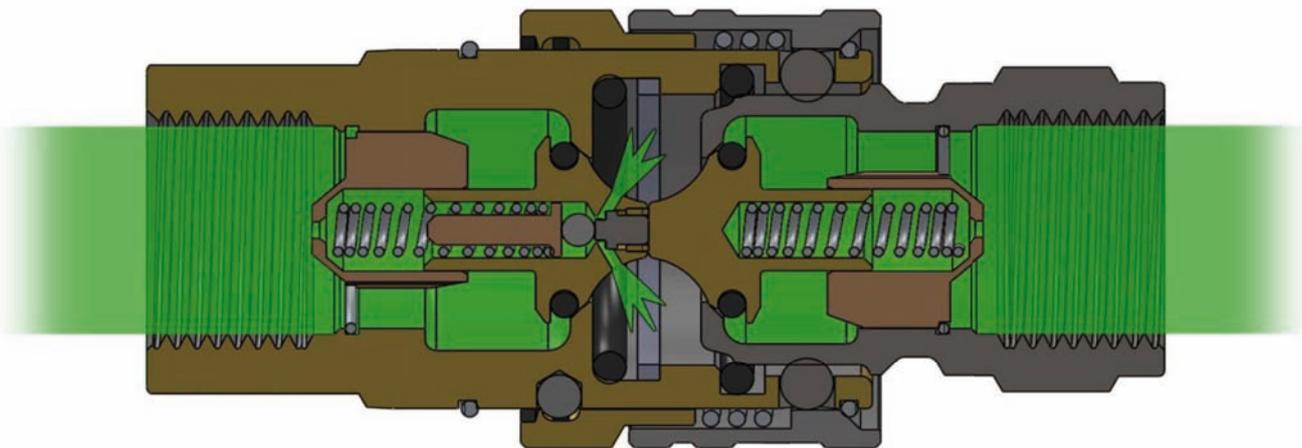
125 SERIES TFH



COSMOS FLOW



CURP CLOSING SYSTEM



This system allows an easy connection under residual pressure.

125-6





126 SERIES TPL



Big flow and reduced drop pressure.
Available only without valve, free flow

• Materials

Carbon Steel *EN -10277-3, AISI316, Brass DIN-EN 12164*

Seals: *Viton*

Balls: *As version*

Springs: *As version*

• **Applications:** Designed for Oil and Hot Water. Applications according to European Directive 97.23.EC

• Equivalence

3/8" TEMA 3800
KEW

• Working temperature (Seals)



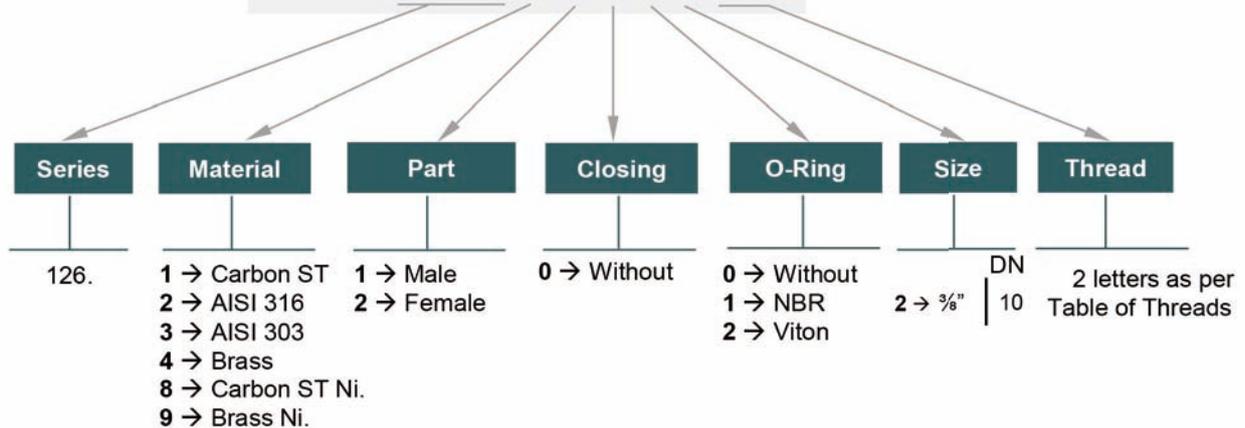
• **Sectors:** High pressure cleaning systems



MODEL STRUCTURE

Example;

126.12022 AC

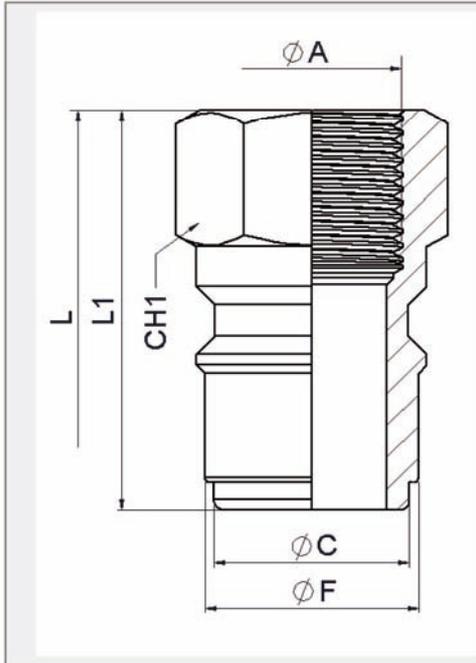


126-1

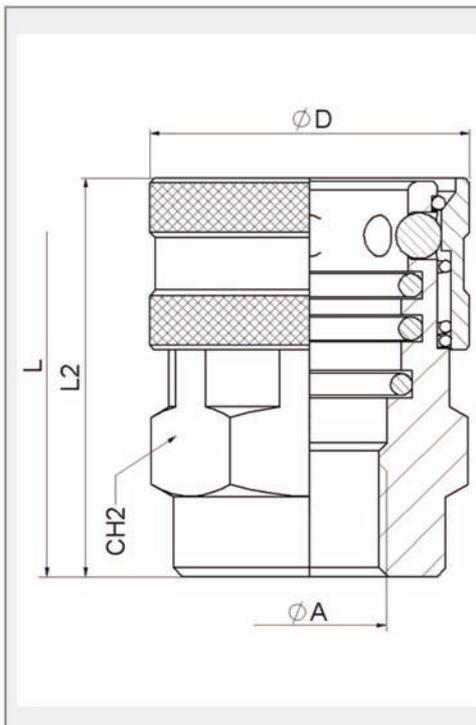




126 SERIES TPL



MALE									
DN	CH1	L1	ØF	ØC	L	MATERIAL	REF.	ØA	
12	22	38	19,90	18,25	58	White zinc plated steel	126.11002AC	3/8" BSP	600 Bar
							126.11002BC	3/8" NPTF	
						Nickel plated steel	126.81002AC	3/8" BSP	600 Bar
							126.81002BC	3/8" NPTF	
						AISI 316	126.21002AC	3/8" BSP	350 Bar
							126.21002BC	3/8" NPTF	
14	27	48	19,90	18,25	68	White zinc plated steel	126.11002AD	1/2" BSP	600 Bar
							126.11002BD	1/2" NPTF	
						Nickel plated steel	126.81002AD	1/2" BSP	600 Bar
							126.81002BD	1/2" NPTF	
						AISI 316	126.21002AD	1/2" BSP	350 Bar
							126.21002BD	1/2" NPTF	



FEMALE								
DN	CH2	L2	ØD	L	MATERIAL	REF.	ØA	
12	30	44	35	58	White zinc plated steel	126.12012AC	3/8" BSP	600 Bar
						126.12012BC	3/8" NPTF	
					Nickel plated steel	126.82012AC	3/8" BSP	600 Bar
						126.82012BC	3/8" NPTF	
					Brass - Viton	126.42022AC	3/8" BSP	350 Bar
						126.42022BC	3/8" NPTF	
					Nickel plated brass	126.92022AC	3/8" BSP	350 Bar
						126.92022BC	3/8" NPTF	
					AISI316	126.22022AC	3/8" BSP	500 Bar
						126.22022BC	3/8" NPTF	
					White zinc plated steel	126.12012AD	1/2" BSP	600 Bar
						126.12012BD	1/2" NPTF	
Nickel plated steel	126.82012AD	1/2" BSP	600 Bar					
	126.82012BD	1/2" NPTF						
Brass - Viton	126.42022AD	1/2" BSP	350 Bar					
	126.42022BD	1/2" NPTF						
Nickel plated brass	126.92022AD	1/2" BSP	350 Bar					
	126.92022BD	1/2" NPTF						
AISI316	126.22022AD	1/2" BSP	500 Bar					
	126.22022BD	1/2" NPTF						



126 SERIES

TPL

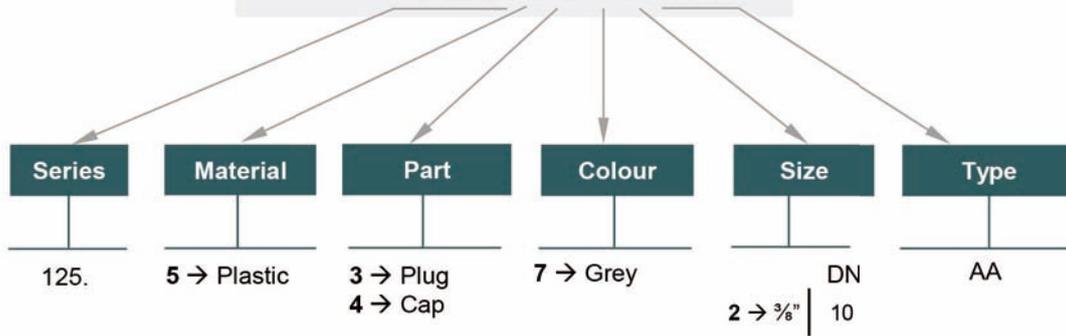
PLUGS
& CAPS



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

Example;

125.5372 AA






Plug for Female Part			
REF.	Part	DN	Colour
125.5372AA	Plug	10	Grey

Cap for Male Part			
REF.	Part	DN	Colour
125.5472AA	Cap	10	Grey



127 SERIES JAP



Specially designed for the Japanese market
Poppet Valve closing system

• Materials

Carbon Steel *EN -10277-3*,

Seals: 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 according to European Directive 97.23.EC

• Equivalence

FASTER HNVY

• Working temperature (Seals)

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

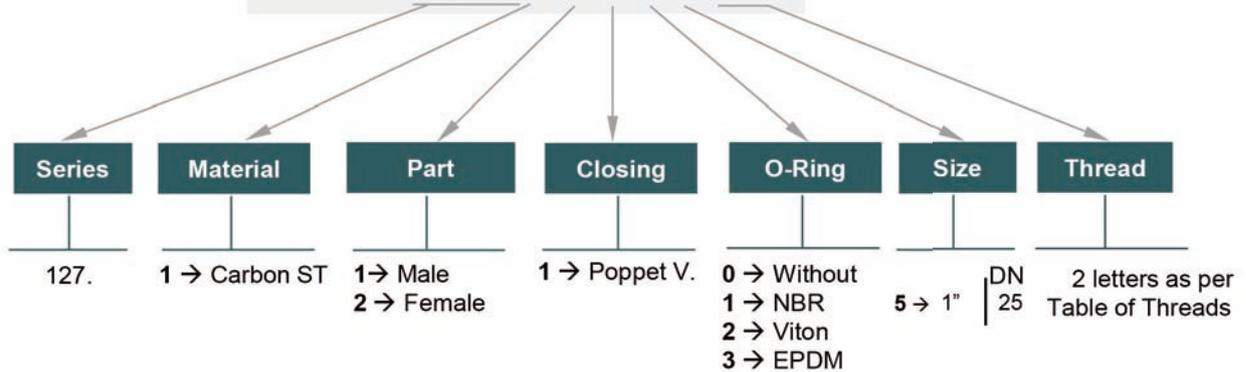
• **Sectors:** Agricultural, Industrial



MODEL STRUCTURE

Example;

127.11115 AF

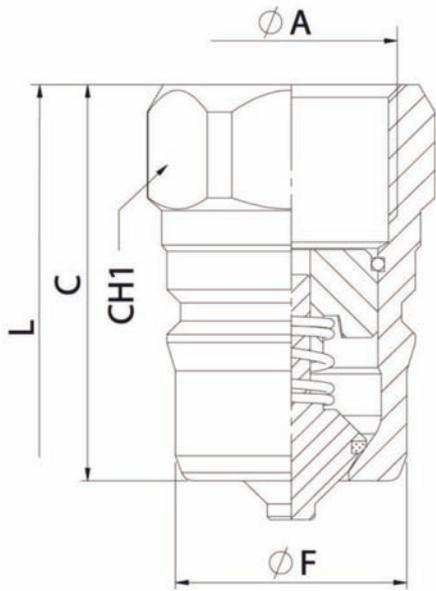


127-1

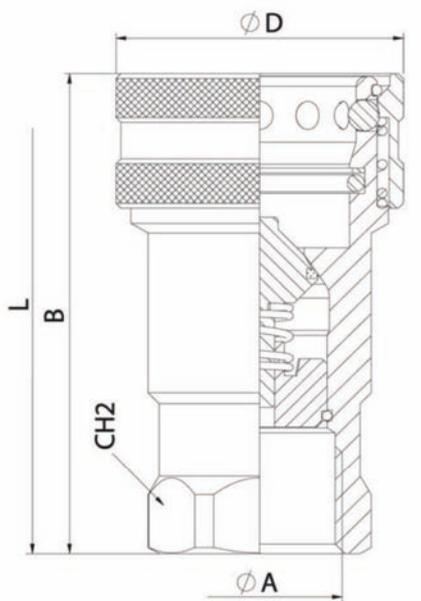




127 SERIES JAP



MALE							
DN	ϕA	CH1	C	ϕF	L	REF.	
25	1" BSP	41	63	36,20	126	127.11115AF	250Bar



FEMALE							
DN	ϕA	CH2	B	ϕD	L	REF.	
25	1" BSP	41	98	58	126	127.12115AF	250 Bar

127-2





128 SERIES TVZ



Manufactured according to the requirements of the most important truck manufacturer.

• Materials

Carbon Steel *EN -10277-3*,

Seals: NBR, Viton or EPDM

Back-up-ring: PTFE

Balls: *AISI 1010/1015*

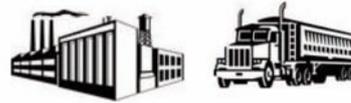
Springs: *Carbon Steel DIN 17233/84(B)*

• 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

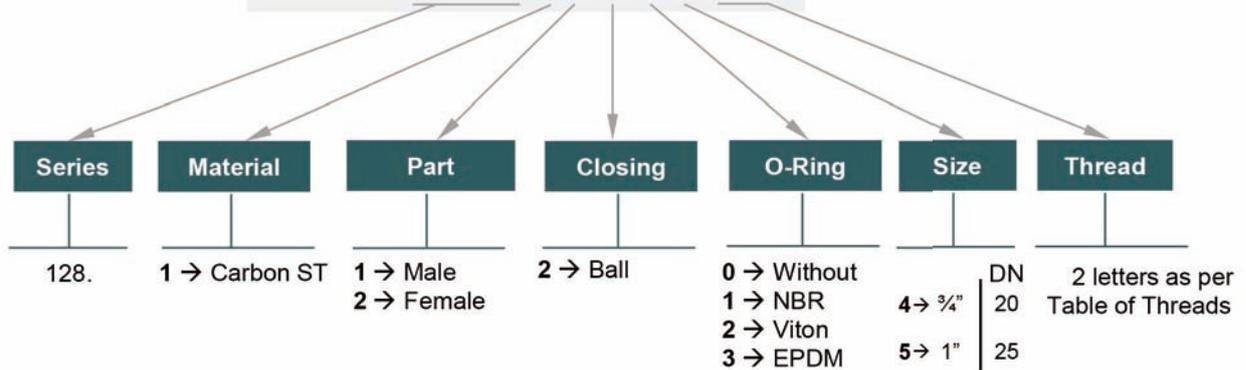
- **Sectors:** Agricultural, Industrial



MODEL STRUCTURE

Example;

128.11215 AF

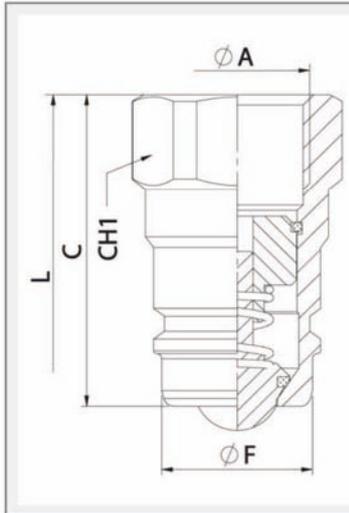


128-1

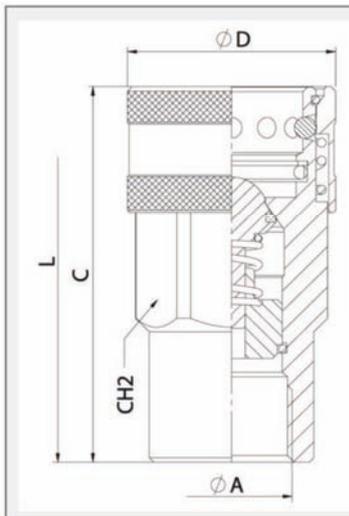




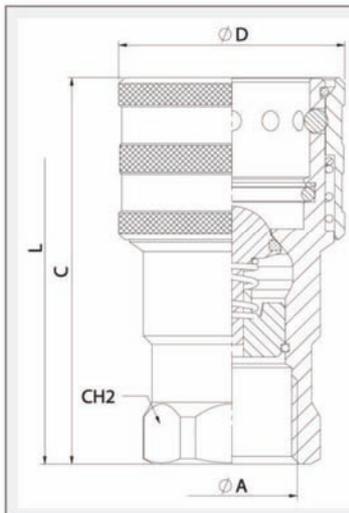
128 SERIES TVZ



MALE							
DN	ØA	CH1	C	ØF	L	REF.	
20	¾" BSP	36	59	28	117,50	128.11214AE	250Bar
25	1" BSP	41	72	36,50	138	128.11215AF	230Bar



FEMALE							
DN	ØA	CH2	C	ØD	L	REF.	
20	¾" BSP	38	83,50	45,50	117,50	128.12214AE	250Bar



FEMALE							
DN	ØA	CH2	C	ØD	L	REF.	
25	1" BSP	41	105	57,50	138	128.12215AF	230Bar



129 SERIES

ISO-A SAFETY SLEEVE



Manufactured according to ISO 7241-A norm, DN13 size meets also ISO 5675 requirements. Poppet Valve or Ball closing system.
BSP, NPTF, SAE / ORB threads. Other threads available upon request.

• Materials

Body: *Carbon Steel EN -10277-3, AISI 316, AISI 303, Brass*
 Seals: *NBR, Viton or EPDM*
 Back-Up-Ring: *PTFE*
 Balls: *AISI 1010/1015*
 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

• **Sectors:** Industrial, Agricultural

• Equivalence

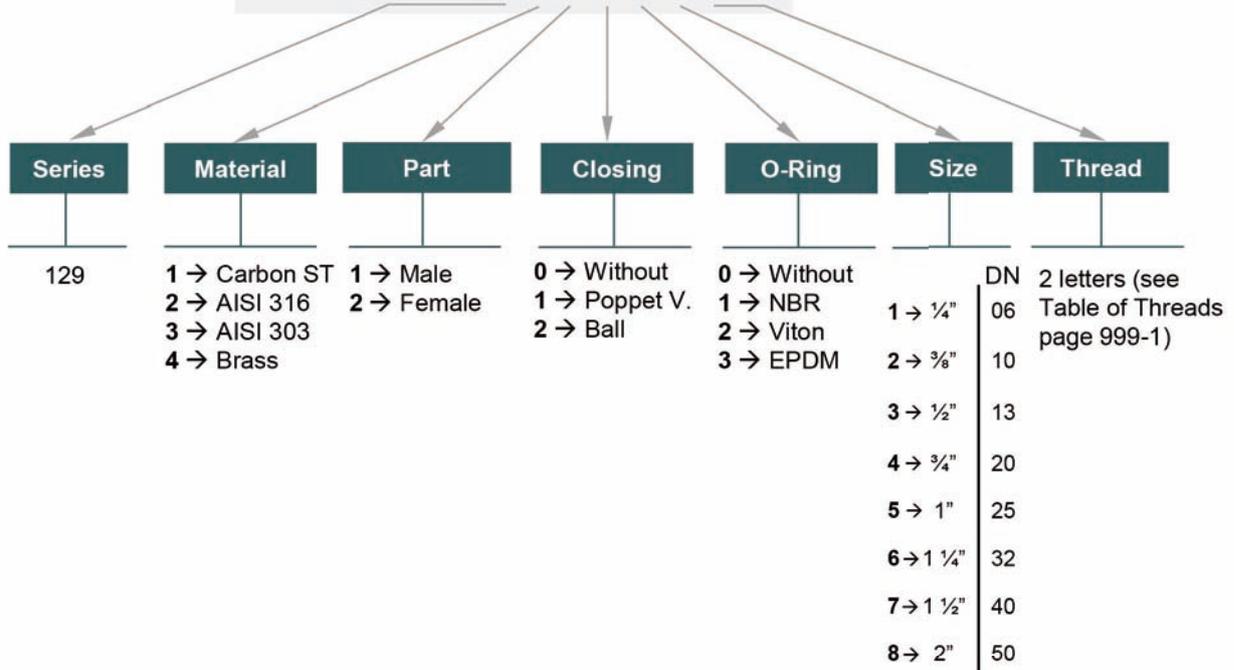
FASTER ANV
 AEROQUIP FD56
 PARKER 6600
 SNAP-TITE 61



MODEL STRUCTURE

Example;

129.11112 BC



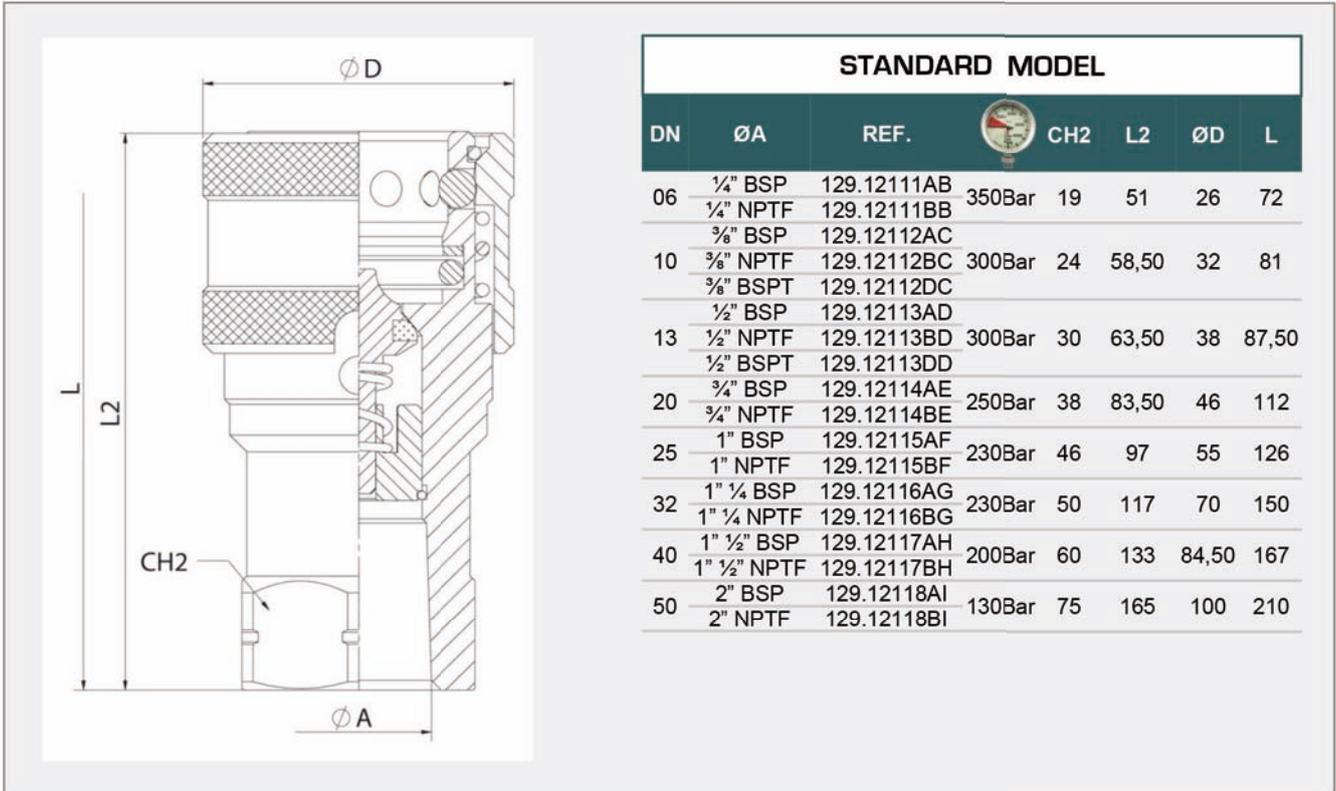
129-1





129 SERIES

ISO-A SAFETY SLEEVE



Manufactured according to ISO 7241-A norm, DN13 size meets as well ISO 5675 requirements



131 SERIES CPR



Manufactured according ISO 16028 norm.
Flat Poppet Valve which avoids fluid leakages during the connection and disconnection.

• Materials

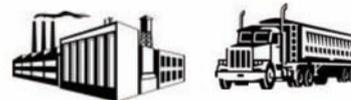
Carbon Steel *EN -10277-3 / AISI 316L*
Seals: NBR. Viton or EPDM
Back-up-ring: PTFE
Balls: *AISI 1010/1015*
Springs: *Carbon Steel DIN 17233/84(B)*

• 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

• **Sectors:** Industrial, Building Machinery



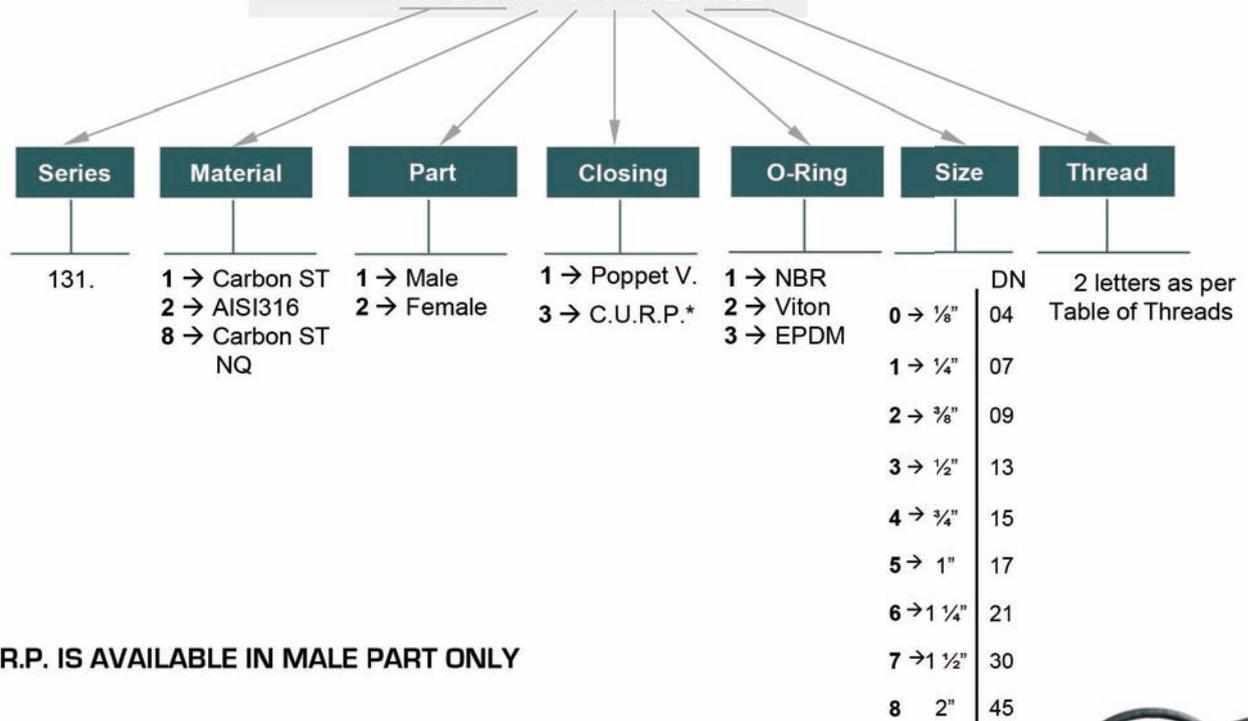
• Equivalence

FASTER 2FFI
PARKER FEM
AEROQUIP FD89
SNAP-TITE 74

MODEL STRUCTURE

Example;

131.11113 AD



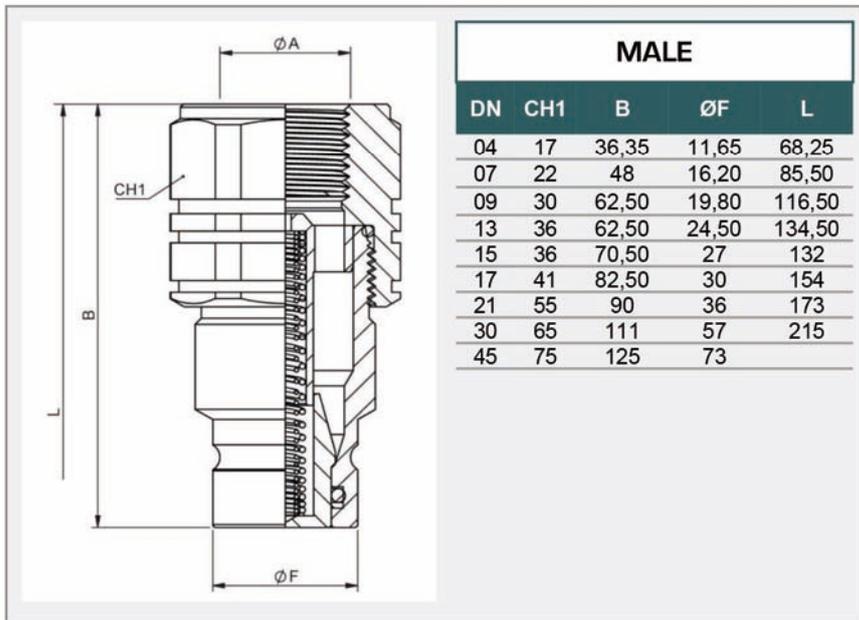
* C.U.R.P. IS AVAILABLE IN MALE PART ONLY

131-1

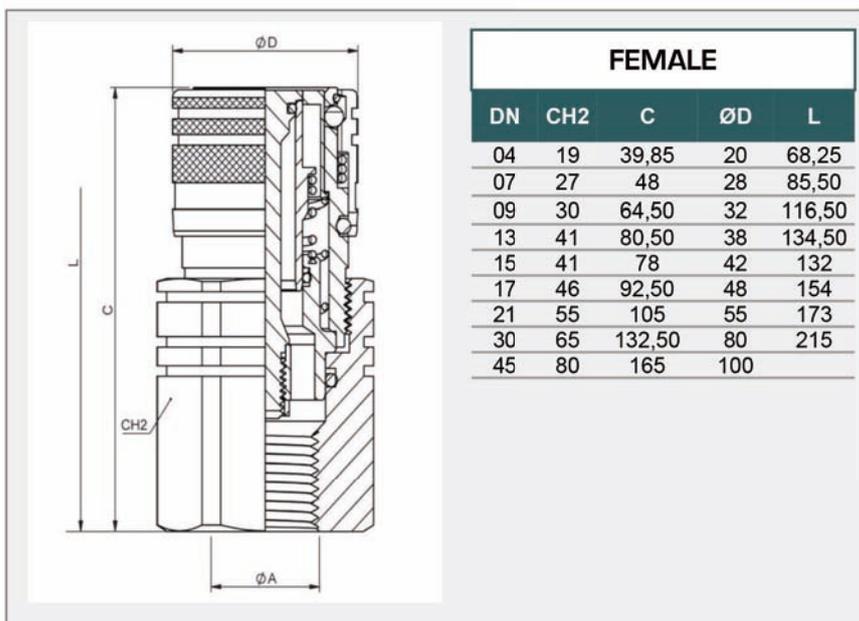




131 SERIES CPR



STANDARD MODELS				
DN	ØA	MALE	FEMALE	
04	1/8" BSP	131.11110AA	131.12110AA	500Bar
	1/8" NPTF	131.11110BA	131.12110BA	
07	1/4" BSP	131.11111AB	131.12111AB	500Bar
	1/4" NPTF	131.11111BB	131.12111BB	
	9/16"-18 UNF	131.11111GC	131.12111GC	
	3/8" BSP	131.11112AC	131.12112AC	
09	3/8" NPTF	131.11112BC	131.12112BC	350Bar
	1/2" BSP	131.11112AD	131.12112AD	
	1/2" NPTF	131.11112BD	131.12112BD	
	3/4"-16ORB	131.11112GF	131.12112GF	
13	7/8"-14ORB	131.11112GH	131.12112GH	330Bar
	1/2" BSP	131.11113AD	131.12113AD	
	1/2" NPTF	131.11113BD	131.12113BD	
	3/4" BSP	131.11113AE	131.12113AE	
15	3/4" NPTF	131.11113BE	131.12113BE	300Bar
	7/8" - 14ORB	131.11113GH	131.12113GH	
	1 1/16" 12ORB	131.11113GK	131.12113GK	
	3/4" BSP	131.11114AE	131.12114AE	
17	1" NPTF	131.11114BE	131.12114BE	280Bar
	1 1/16"-12ORB	131.11114GK	131.12114GK	
21	1" BSP	131.11115AF	131.12115AF	250Bar
	1" NPTF	131.11115BF	131.12115BF	
30	1 5/16"-12ORB	131.11115GO	131.12115GO	
	1 1/4" BSP	131.11116AG	131.12116AG	
45	1 1/4" NPTF	131.11116BG	131.12116BG	
	1 1/2" BSP	131.11117AH	131.12117AH	
	1 1/2" NPTF	131.11117BH	131.12117BH	
	2" BSP	131.11118AI	131.12118AI	





131 SERIES CPR

DIN2353

STANDARD MALE MODELS

DN	ØA	ØT	REF.		CH1	B	ØF	E	L
07	M12x1,5	6L	131.1111JB	500 Bar	22	55	16,2	12	106,2
	M14x1,5	8L	131.1111JC			54		11	104,2
	3/8" BSP M.	*	131.11112AN			62,5		12	124,4
09	M14x1,5	8L	131.1111JC	350 Bar	30	61,5	19,79	11	122,2
	M16x1,5	10L	131.1111JD			62,5		12	124,4
	M16x1,5	8S	131.11112KD			61,5		11	122,2
	M18x1,5	10S	131.11112KE			62,5		12	124,4
	M20x1,5	12S	131.11112KF			73		11	134,9
	M14x1,5	8L	131.11113JC			73		11	134,9
13	M16x1,5	10L	131.11113JD	330 Bar	36	74	24,58	12	136,9
	M18x1,5	12L	131.11113JE			74		12	136,9
	M22x1,5	15L	131.11113JG			74		12	136,9
	M26x1,5	18L	131.11113JI			74		12	136,9
	M18x1,5	10S	131.11113KE			74		12	136,9
	M20x1,5	12S	131.11113KF			74		12	136,9
15	M22x1,5	14S	131.11113KG	330 Bar	36	80	27,08	18	151,5
	M24x1,5	16S	131.11113KH			80		18	151,5
	M18x1,5	12I	131.11114JE			80		12	152,2
	M22x1,5	15L	131.11114JG			80		12	152,2
	M26x1,5	18L	131.11114JI			80		12	152,2
	M30x2	22L	131.11114JJ			80		18	151,5
17	M22x1,5	14S	131.11114KG	330 Bar	41	88	30	18	164,2
	M24x1,5	16S	131.11114KH			88		18	157,2
	M30x2	20S	131.11114KJ			88		18	157,2
	M26x1,5	18L	131.11115JI			88		16	151,2
	M30x2	22L	131.11115JJ			88		16	151,2
	M36x2	28L	131.11115JK			88		18	163,2
17	M45x2	35L	131.11115JM	330 Bar	46	81	30	16	151,2
	M30x2	20S	131.11115KJ			81		18	163,2
	M36x2	25S	131.11115KK			81		18	163,2
	M42x2	30S	131.11115KL			81		18	163,2
	M42x2	30S	131.11115KL			81		18	163,2
	M52x2	38S	131.11115KN			81		20	153,2

STANDARD FEMALE MODELS

DN	ØA	ØT	REF.		CH2	C	ØD	E	L
07	M12x1,5	6L	131.1211JB	500 Bar	27	62	27,5	12	106,2
	M14x1,5	8L	131.1211JC			63		11	104,2
	3/8" BSP M.	*	131.12112AN			77,5		12	124,4
09	M14x1,5	8L	131.1211JC	350 Bar	30	76,5	33	11	122,2
	M16x1,5	10L	131.1211JD			77,5		12	124,4
	M16x1,5	8S	131.12112KD			76,5		11	122,2
	M18x1,5	10S	131.12112KE			77,5		12	124,4
	M20x1,5	12S	131.12112KF			79,5		11	134,9
	M14x1,5	8L	131.12113JC			79,5		11	134,9
13	M16x1,5	10L	131.12113JD	330 Bar	41	80,5	38,5	12	136,9
	M18x1,5	12L	131.12113JE			80,5		12	136,9
	M22x1,5	15L	131.12113JG			80,5		12	136,9
	M26x1,5	18L	131.12113JI			80,5		12	136,9
	M18x1,5	10S	131.12113KE			80,5		12	136,9
	M20x1,5	12S	131.12113KF			80,5		12	136,9
15	M22x1,5	14S	131.12113KG	330 Bar	41	89,1	42	18	151,5
	M24x1,5	16S	131.12113KH			89,1		18	151,5
	M30x2	20S	131.12114KJ			89,1		18	151,5
	M26x1,5	18L	131.12115JI			92		12	152,2
	M30x2	22L	131.12115JJ			92		12	152,2
	M36x2	28L	131.12115JK			98		18	164,2
17	M45x2	35L	131.12115JM	330 Bar	46	92	30	16	151,2
	M30x2	20S	131.12115KJ			92		16	151,2
	M36x2	25S	131.12115KK			92		16	151,2
	M42x2	30S	131.12115KL			92		18	163,2
	M42x2	30S	131.12115KL			92		18	163,2
	M52x2	38S	131.12115KN			94		20	153,2

131-3



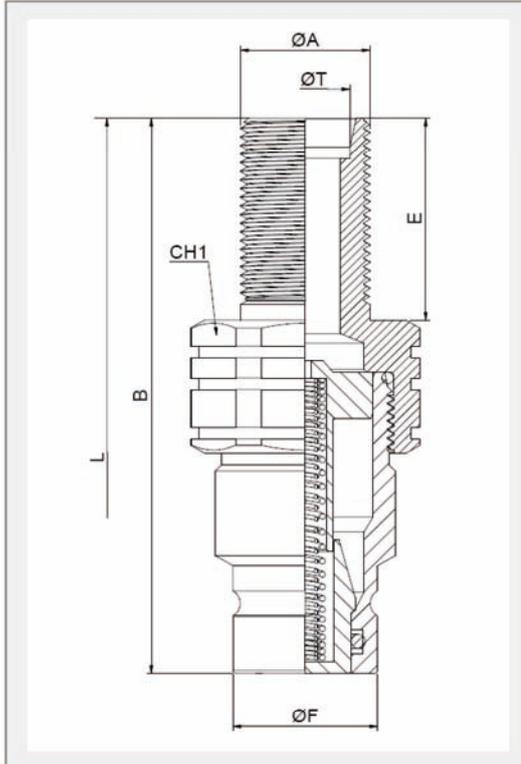


131 SERIES CPR

DIN2353

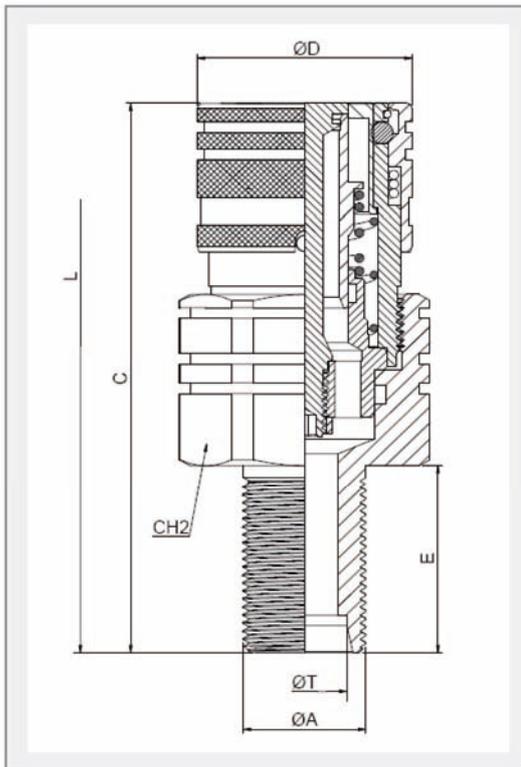
STANDARD MALE MODELS

DN	ØA	ØT	REF.		CH1	B	ØF	E	L			
07	M12x1,5	6L	131.11111LB	500Bar	22	68	16,2	25	132,2			
	M14x1,5	8L	131.11111LC			77		34	150,2			
	M14x1,5	8L	131.11112LC			84,5		34	168,2			
09	M16x1,5	10L	131.11112LD	350Bar	30	85,5	19,79	35	170,2			
	M16x1,5	8S	131.11112MD			76,5		26	152,2			
	M18x1,5	10S	131.11112ME			77,5		27	154,2			
	M20x1,5	12S	131.11112MF			85,5		35	170,2			
	M14x1,5	8L	131.11113LC			330Bar		41	97	24,58	34	182
M16x1,5	10L	131.11113LD										
M18x1,5	12L	131.11113LE			183							
M22x1,5	15L	131.11113LG										
M26x1,5	18L	131.11113LI	96	35	181							
13	M18x1,5	10S	131.11113ME	330Bar	41	97	27,08		183			
	M20x1,5	12S	131.11113MF									
	M22x1,5	14S	131.11113MG						182			
	M24x1,5	16S	131.11113MH									
	M18x1,5	12I	131.11114LE			330Bar		41	97	30		185,5
	M22x1,5	15L	131.11114LG									
	M26x1,5	18L	131.11114LI						96		35	183,5
	M30x2	22L	131.11114LJ									
	M24x1,5	16S	131.11114MH						330Bar		46	106
	M30x2	20S	131.11114MJ									
M26x1,5	18L	131.11115LI	98	34	190,2							
M30x2	22L	131.11115LJ										
M36x2	28L	131.11115LK	100	36	186,2							
17	M45x2	35L	131.11115LM	330Bar	46	106	30	34	198,2			
	M30x2	20S	131.11115MJ			106		38	205,2			
	M36x2	25S	131.11115MK			109						
	M42x2	30S	131.11115ML			46		40	199,2			
	M52x2	38S	131.11115MN			55		104	196,2			



STANDARD FEMALE MODELS

DN	ØA	ØT	REF.		CH2	C	ØD	E	L			
07	M12x1,5	6L	131.12111LB	500Bar	27	75	27,5	25	132,2			
	M14x1,5	8L	131.12111LC			84		34	150,2			
	M14x1,5	8L	131.12112LC			99,5		34	168,2			
09	M16x1,5	10L	131.12112LD	350Bar	30	100,5	33	35	170,2			
	M16x1,5	8S	131.12112MD			91,5		26	152,2			
	M18x1,5	10S	131.12112ME			92,5		27	154,2			
	M20x1,5	12S	131.12112MF			100,5		35	170,2			
	M14x1,5	8L	131.12113LC			330Bar		41	102,5	38,5	34	182
M16x1,5	10L	131.12113LD										
M18x1,5	12L	131.12113LE			183							
M22x1,5	15L	131.12113LG										
M26x1,5	18L	131.12113LI	102,5	35	181							
13	M18x1,5	10S	131.12113ME	330Bar	41	103,5	42		183			
	M20x1,5	12S	131.12113MF									
	M22x1,5	14S	131.12113MG						182			
	M24x1,5	16S	131.12113MH									
	M18x1,5	12I	131.12114LE			330Bar		41	106,1	48,5		185,5
	M22x1,5	15L	131.12114LG									
	M26x1,5	18L	131.12114LI						103,5		35	183,5
	M30x2	22L	131.12114LJ									
	M24x1,5	16S	131.12114MH						330Bar		46	115
	M30x2	20S	131.12114MJ									
M26x1,5	18L	131.12115LI	114	34	190,2							
M30x2	22L	131.12115LJ										
M36x2	28L	131.12115LK	108	36	186,2							
17	M45x2	35L	131.12115LM	330Bar	46	114	48,5	34	198,2			
	M30x2	20S	131.12115MJ			114		38	205,2			
	M36x2	25S	131.12115MK			118						
	M42x2	30S	131.12115ML			117		40	199,2			
	M52x2	38S	131.12115MN			55		114	196,2			



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131 SERIES

CPR

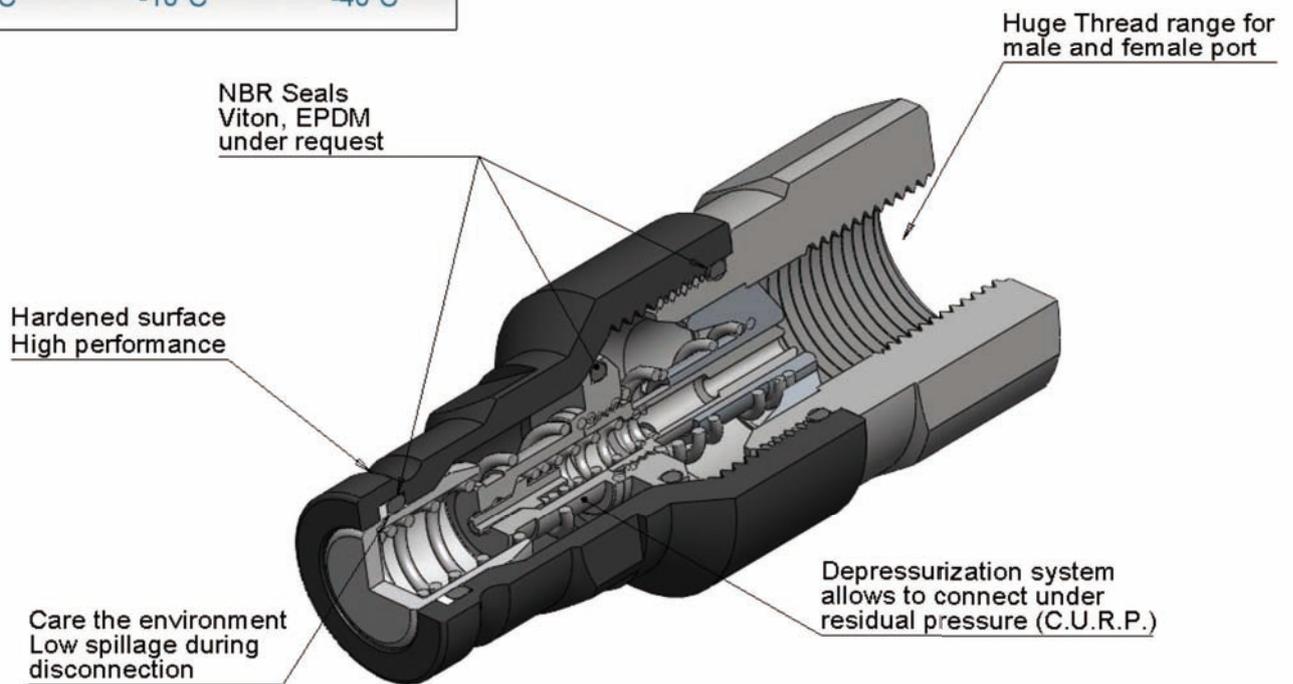
C.U.R.P.



Manufactured according ISO 16028 norm.

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

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



STANDARD MODEL CARBON STEEL

DN	Port	REF.	Working Pressure	Rated Flow	Max. Residual Pressure	Spillage
09	3/8" BSP	131.11312AC	350 Bar	23 l/min	300 Bar	0,010 ml
13	1/2" BSP	131.11313AD	330 Bar	45 l/min	300 Bar	0,010 ml
15	3/4" BSP	131.11314AE	330 Bar	74 l/min	300 Bar	0,120 ml
17	1" BSP	131.11315AF	330 Bar	100 l/min	250 Bar	0,200 ml
21	1 1/4" BSP	131.11316AG	300 Bar	189 l/min	250 Bar	0,250 ml
30	1 1/2" BSP	131.11317AH	280 Bar	225 l/min	200 Bar	0,300 ml

131-5





131 SERIES

CPR

STAINLESS STEEL
AISI 316



Manufactured according ISO 16028 norm.

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

• Materials

Stainless steel AISI 316

Seals: NBR, Viton or EPDM

Back-up-ring: PTFE

Balls: AISI 1010/1015

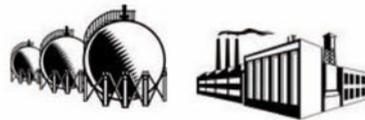
Springs: AISI302 DIN17224

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

• Working temperature (Seals)

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

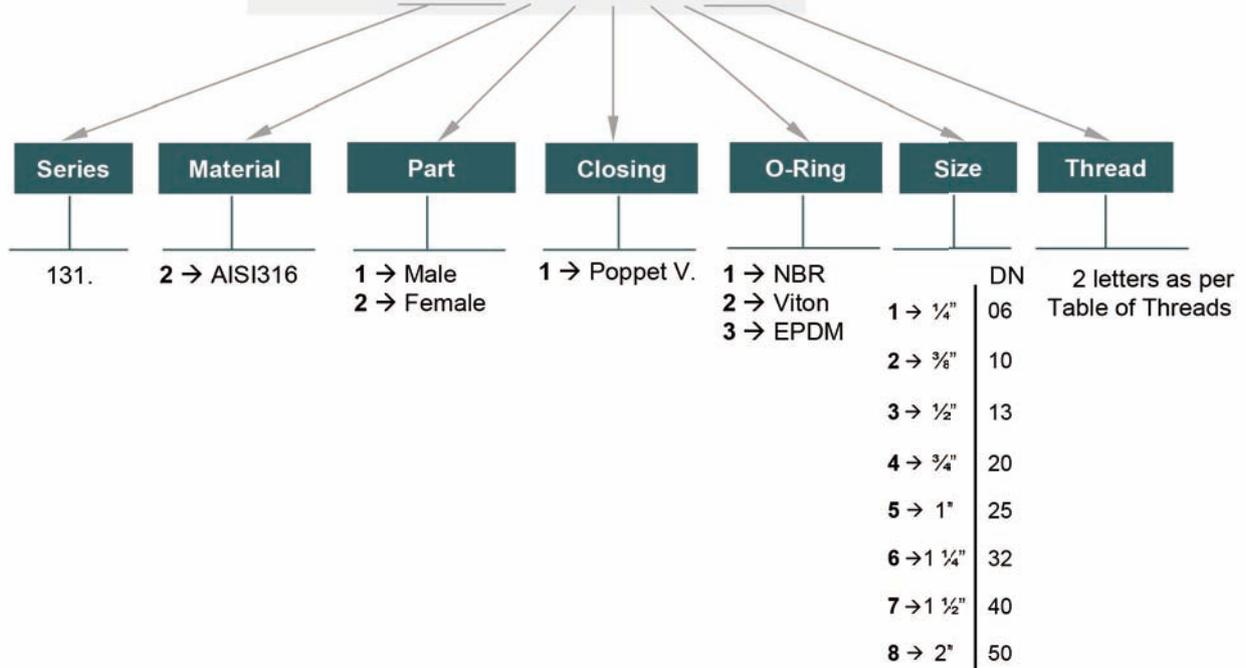
- **Sectors:** Industrial, Chemical



MODEL STRUCTURE

Example;

131.21123 AD



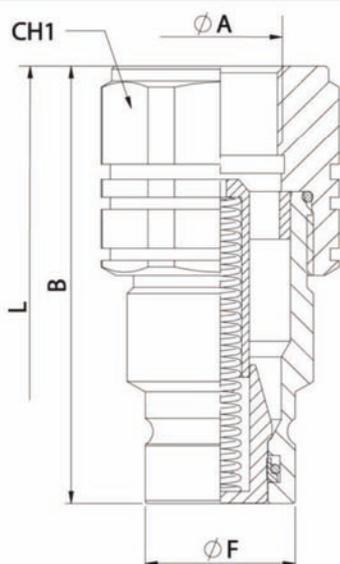
131-6



131 SERIES

CPR

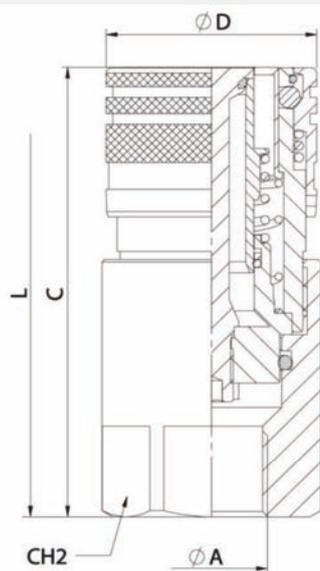
STAINLESS STEEL
AISI 316



MALE				
DN	CH1	B	ØF	L
04	17	36,35	11,65	68,25
07	22	48	16,20	85,50
09	30	62,50	19,80	116,50
13	36	62,50	24,50	134,50
15	36	70,50	27	132
17	41	82,50	30	154
21	55	90	36	173
30	65	111	57	215
45	75	125	73	

STANDARD MODELS

DN	ØA	MALE	FEMALE	
04	1/8" BSP	131.21110AA	131.22110AA	350Bar
	1/8" NPTF	131.21110BA	131.22110BA	
07	1/4" BSP	131.21121AB	131.22121AB	350Bar
	1/4" NPTF	131.21121BB	131.22121BB	
	3/8" BSP	131.21122AC	131.22122AC	
09	3/8" NPTF	131.21122BC	131.22122BC	250Bar
	1/2" BSP	131.21122AD	131.22122AD	
	1/2" NPTF	131.21122BD	131.22122BD	
	3/4" -16ORB	131.21122GF	131.22122GF	
	7/8" -14ORB	131.21122GH	131.22122GH	
13	1/2" BSP	131.21123AD	131.22123AD	250Bar
	1/2" NPTF	131.21123BD	131.22123BD	
	3/4" BSP	131.21123AE	131.22123AE	
	3/4" NPTF	131.21123BE	131.22123BE	
15	7/8" - 14ORB	131.21123GH	131.22123GH	250Bar
	1 1/16" 12ORB	131.21123GK	131.22123GK	
	3/4" BSP	131.21124AE	131.22124AE	
17	3/4" NPTF	131.21124BE	131.22124BE	250Bar
	1 1/16"-12ORB	131.21124GK	131.22124GK	
21	1" BSP	131.21125AF	131.22125AF	250Bar
	1" NPTF	131.21125BF	131.22125BF	
30	1 5/16"-12ORB	131.21125GO	131.22125GO	250Bar
	1 1/4" BSP	131.21126AG	131.22126AG	
45	1 1/4" NPTF	131.21126BG	131.22126BG	250Bar
	1 1/2" BSP	131.21127AH	131.22127AH	
	1 1/2" NPTF	131.21127BH	131.22127BH	250Bar
	2" BSP	131.21128AI	131.22128AI	100Bar



FEMALE				
DN	CH2	C	ØD	L
04	19	39,85	20	68,25
07	27	48	28	85,50
09	30	64,50	32	116,50
13	41	80,50	38	134,50
15	41	78	42	132
17	46	92,50	48	154
21	55	105	55	173
30	65	132,50	80	215
45	80	165	100	

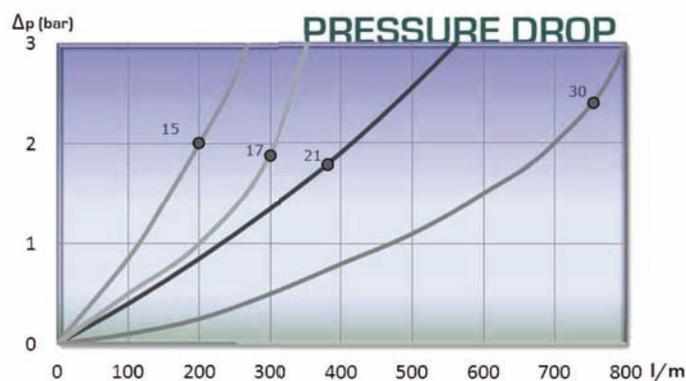
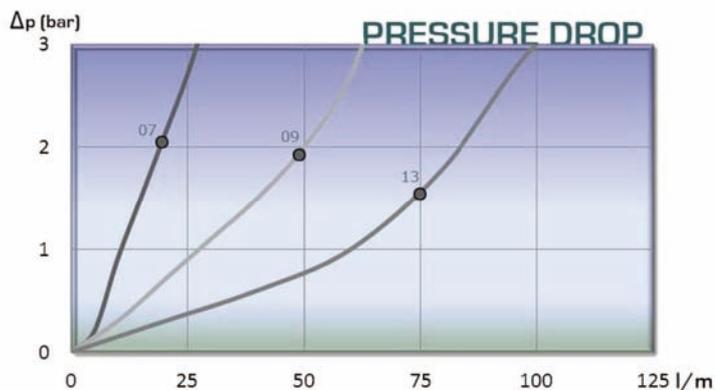
131-7

131 SERIES CPR



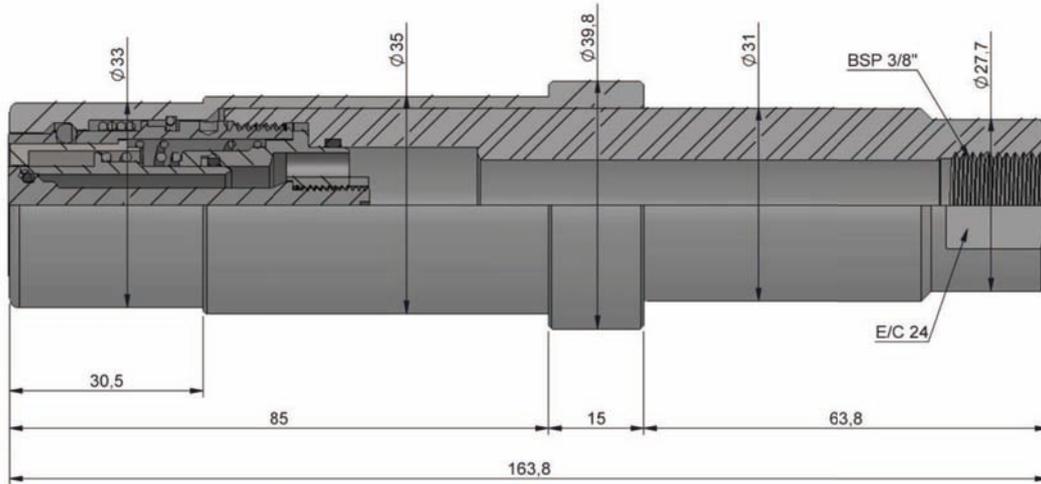
TECHNICAL DATA		Carbon Steel			
DN	Rated Flow	Min Burst Pressure [bar]			Max. Working Pressure
		Male	Female	Coupled	
04	5 l/m	1450	1400	1400	350 Bar
07	12 l/m	1450	1400	1400	350 Bar
09	23 l/m	1020	1100	1000	250 Bar
13	45 l/m	1000	980	1000	250 Bar
15	74 l/m	950	970	1000	250 Bar
17	100 l/m	950	940	1000	250 Bar
21	189 l/m	930	900	1000	250 Bar
30	225 l/m	930	890	1000	250 Bar
40	288 l/m	700	800	800	250 Bar

TECHNICAL DATA		Stainless Steel			
DN	Rated Flow	Min Burst Pressure [bar]			Max. Working Pressure
		Male	Female	Coupled	
04	5 l/m	1450	1400	1400	350 Bar
07	12 l/m	1450	1400	1400	350 Bar
09	23 l/m	1020	1100	1000	250 Bar
13	45 l/m	1000	980	1000	250 Bar
15	74 l/m	950	970	1000	250 Bar
17	100 l/m	950	940	1000	250 Bar
21	189 l/m	930	900	1000	250 Bar
30	225 l/m	930	890	1000	250 Bar
40	288 l/m	700	800	800	200 Bar





131 SERIES CPR



STANDARD MODEL CARBON STEEL						
DN	ØA	REF.		E/C	ØD	L
09	3/8" BSP	131SB.12112AC	350	24	33	164

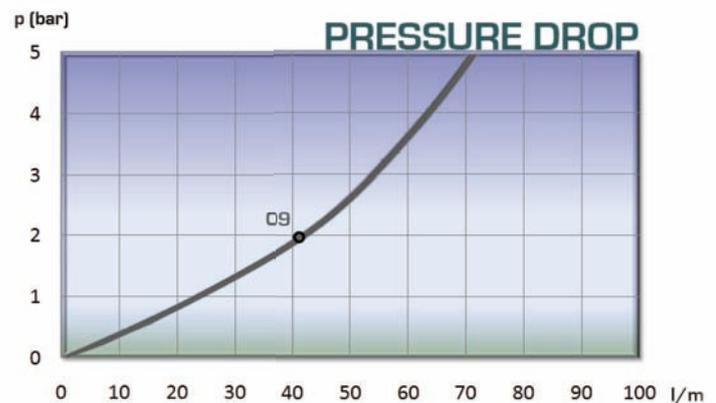
TECHNICAL DATA					
DN	Nominal Flow	Min. Burst Pressure			Max. Working Pressure
		Male	Female	Coupled	
09	23 l/m	1300	1200	1400	350 bar

Designation

DN-09 FLAT FACE FEMALE 3/8" high pressure to lift trash containers

Features:

- ✓ Developed for use in working with high frequency pulsating pressure and water hammer.
- ✓ Pressure: 350 bar.
- ✓ Connectable with a residual mean pressure.
- ✓ Nickel plated outer body chemical, very corrosion resistant to ensure durability under the most extreme
- ✓ Ergonomically shaped for easy connection and disconnection.
- ✓ Compact flat face that eliminates leaks and contamination of the circuit.
- ✓ Manufactured under ISO 16028.



131-9





131 SERIES

CPR CAPS



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

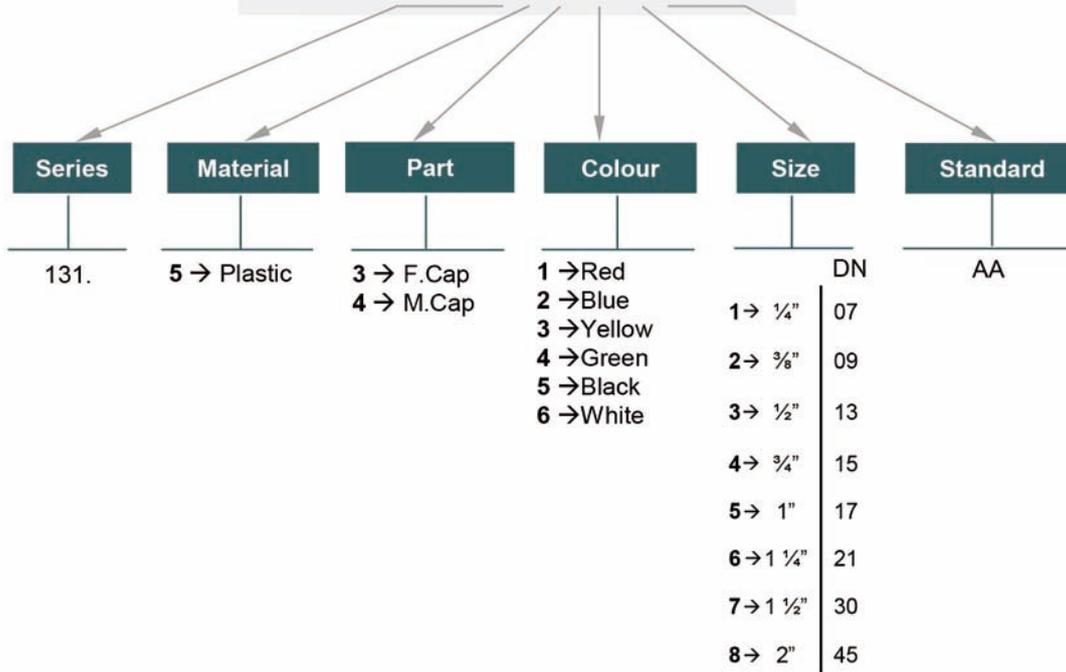
Manufactured according to ISO 16028 norm.

MODEL STRUCTURE

For caps

Example;

131.5313 AA



FEMALE CAP						
DN	RED	BLUE	YELLOW	GREEN	BLACK	WHITE
07	131.5311AA	*	*	*	*	*
09	131.5312AA	*	*	*	*	*
13	131.5313AA	*	*	*	*	*
15	131.5314AA	*	*	*	*	*
17	131.5315AA	*	*	*	*	*



MALE CAP						
DN	RED	BLUE	YELLOW	GREEN	BLACK	WHITE
07	131.5411AA	*	*	*	*	*
09	131.5412AA	*	*	*	*	*
13	131.5413AA	*	*	*	*	*
15	131.5414AA	*	*	*	*	*
17	131.5415AA	*	*	*	*	*

* Available upon request

* Use 131 instead of 130 in reference to ask for CPR Caps

131-10





136 SERIES DRF



Easy connection to check the pressure of the hydraulic systems in different parts of the circuit.

• Materials

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

Seals: NBR, Viton or EPDM

Back-up-ring: PTFE

Balls: *AISI 1010 / 1015*

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

• **Applications:** Designed for Oil hydraulic. Quick-release coupling for diagnosis.

• No air inclusion within the circuit.

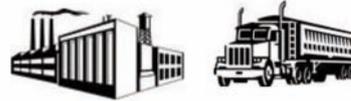
• Equivalence

Design according to ISO 15171-1 & SAE J1502

• Working temperature (Seals)

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

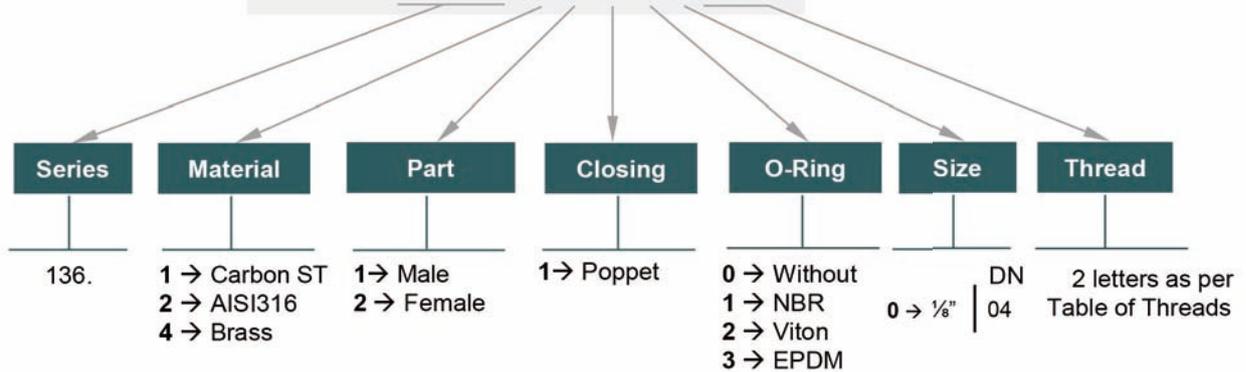
• **Sectors:** Industrial. Building machinery.



MODEL STRUCTURE

Example;

136.12110BB

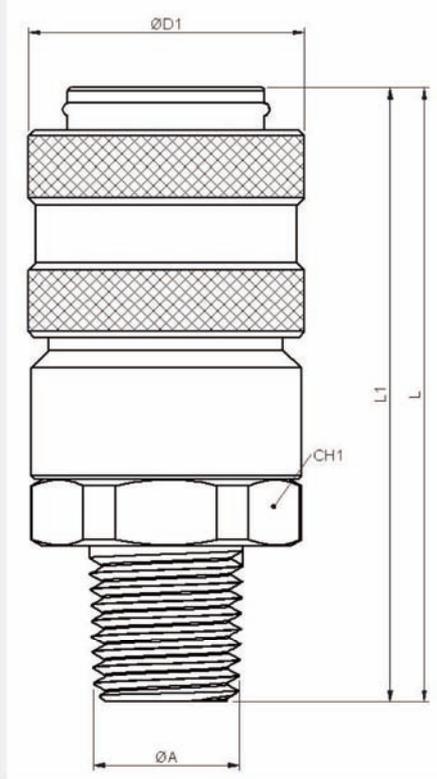


136-1





136 SERIES DRF



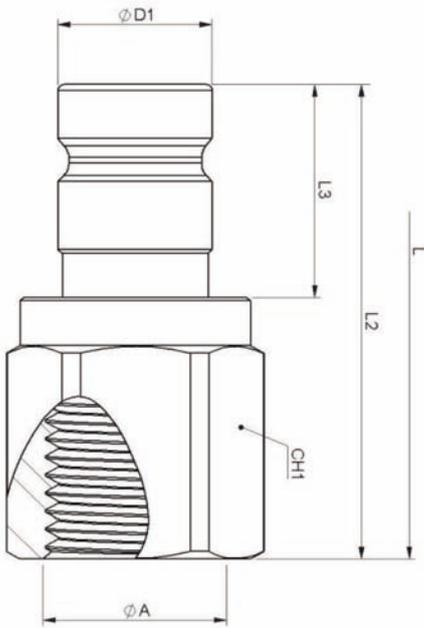
STANDARD MODELS

DN	ØA	STANDARD	REF.		L	L2	L3	CH1	ØD1
04	1/8" NPTF	ANSI B1.20.3	136.12110BL	420Bar	81,25	45,75	17,75	19	24.3
	1/4" NPTF		136.12110BM						
	1/8" BSP	DIN 3852-2	136.12110AL						
	1/4" BSP		136.12110AM						

Manufactured according to ISO 15171-1, size DN04 under ISO 7241-2 specifications.

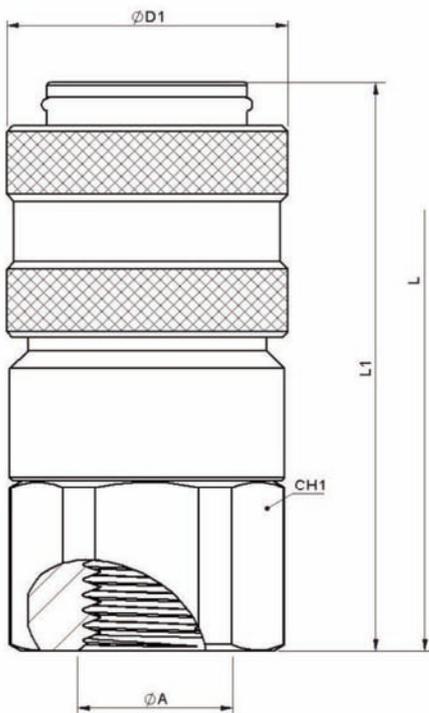


136 SERIES DRF



STANDARD MODELS

DN	$\varnothing A$	STANDARD	REF.		L	L2	L3	CH1	$\varnothing D1$	
1/8" BSP		DIN 3852-2	136.11110AA		420Bar	81,25	45,75	17,75	19	12,6
1/4" BSP			136.11110AB							
1/8" NPTF		ANSI B1.20.3	136.11110BA							
1/4" NPTF			136.11110BB							
M14x1,5		ISO 6149-2	136.11110EF							
7/16" UNF		SAE J1926-1	136.11110GB							
9/16" UNF			136.11110GD							
9/16" UNF			136.11110VD							
11/16" UN		ISO 8434-3	136.11110VE							
13/16" UN			136.11110VG							
7/16" UNF			136.11110UB							
1/2" UNF		ISO 8434-2	136.11110UC							
9/16" UNF			136.11110UD							
3/4" UNF			136.11110UF							



STANDARD MODELS

DN	$\varnothing A$	STANDARD	REF.		L	L1	L3	CH1	$\varnothing D1$	
1/8" BSP		DIN 3852-2	136.12110AA		420Bar	81,25	54	17,75	19	24,3
1/4" BSP			136.12110AB							
1/8" NPTF		ANSI B1.20.3	136.12110BA							
1/4" NPTF			136.12110BB							
M14x1,5		ISO 6149-2	136.12110EF							
7/16" UNF		SAE J1926-1	136.12110GB							
9/16" UNF			136.12110GD							
9/16" UNF			136.12110VD							
11/16" UN		ISO 8434-3	136.12110VE							
13/16" UN			136.12110VG							
7/16" UNF			136.12110UB							
1/2" UNF		ISO 8434-2	136.12110UC							
9/16" UNF			136.12110UD							
3/4" UNF			136.12110UF							

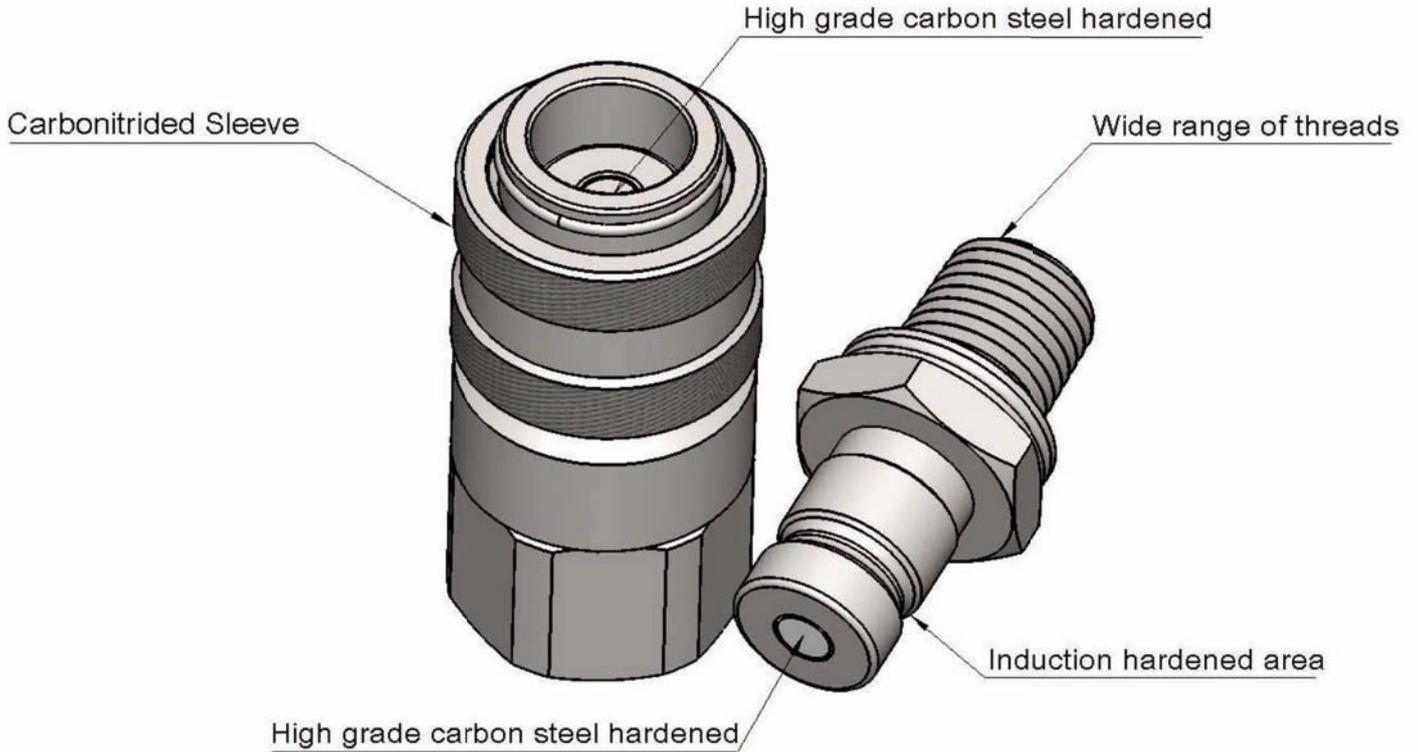
Manufactured according to ISO 15171-1, size DN04 under ISO 7241-2 specifications.

136-4

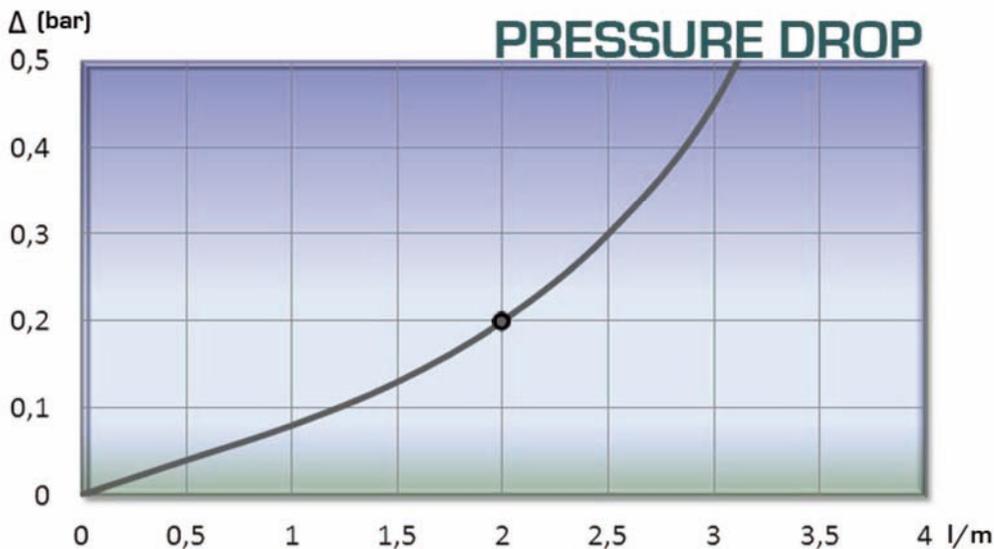




136 SERIES DRF



TECHNICAL DATA			Carbon Steel				
DN	Max. Flow	Connection Force	Min. Burst Pressure (bar)			Max. Working Pressure	Fluid Spillage
			Male	Female	Coupled		
04	2 l/m	50N	1900	1500	1400	420Bar	Máx. 0,02



136-5





140 SERIES CVF



Free flow (without valve)
BSP Threads, other threads available upon request.

• Materials

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

Seals: 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 according to European Directive 97.23.EC

• Equivalence

GROMELLE 7000

• Working temperature (Seals)

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

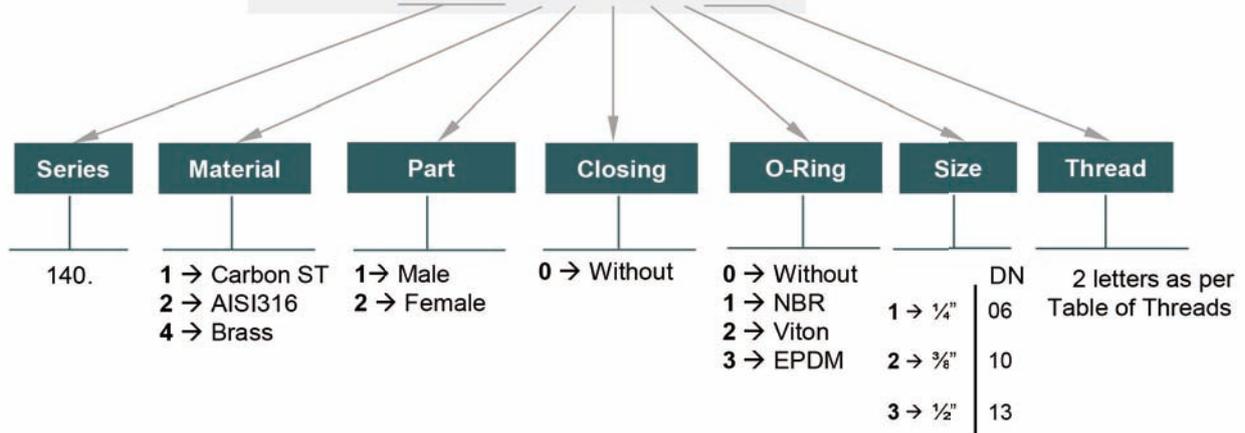
• **Sectors:** Industrial, High pressure cleaning systems



MODEL STRUCTURE

Example;

140.11001 AB



140-1



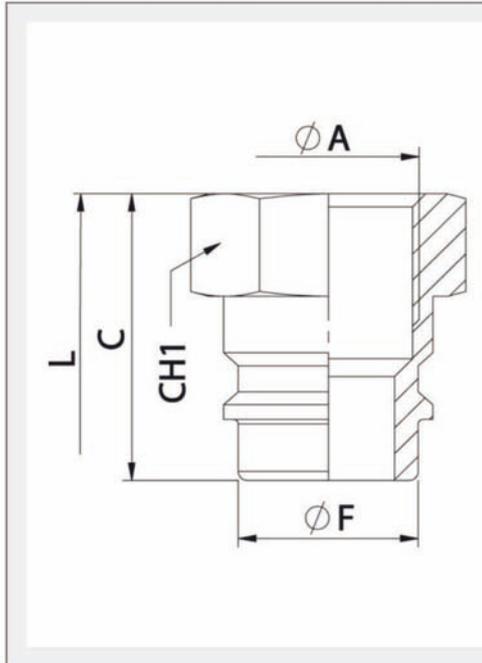


140 SERIES CVF

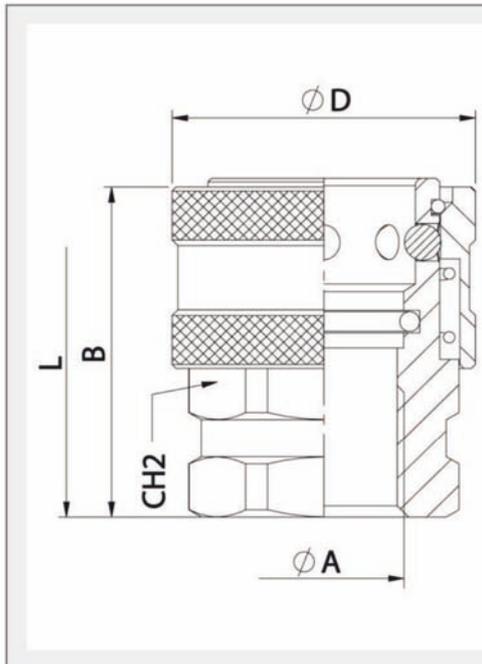


Quick couplings upon request and subjected to minimum quantities.

Nickel-palated product → add 011 at the end of the reference.



MALE (CARBON ST.)							
DN	ØA	CH1	C	ØF	L	REF.	
06	¼" BSP	19	25	14,10	45,10	140.11001AB	700 Bar
10	⅜" BSP	22	28	18,90	48,50	140.11002AC	600 Bar
13	½" BSP	27	33	20,40	55,50	140.11003AD	500 Bar



FEMALE (CARBON ST.)							
DN	ØA	CH2	B	ØD	L	REF.	
06	¼" BSP	22	35	29,50	45,10	140.12011AB	700 Bar
10	⅜" BSP	27	38	34	48,50	140.12012AC	600 Bar
13	½" BSP	32	45	39,50	55,50	140.12013AD	500 Bar



140 SERIES

CVF

PLUGS &
CAPS



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

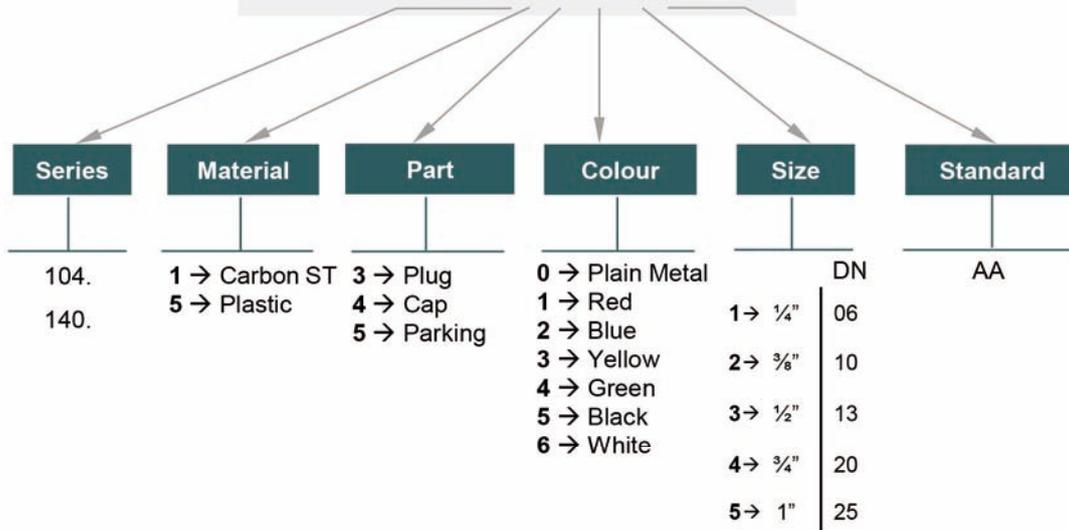
They have been manufactured according to ISO 5675 norm, DN13 size meets also ISO7241-A requirements

MODEL STRUCTURE

For plugs and caps

Example;

104.5353 AA




PLUG						
DN	RED	BLUE	YELLOW	GREEN	BLACK	WHITE
06	*	*	*	*	104.5351AA	*
10	*	*	*	*	104.5352AA	*
13	*	*	*	*	101.5353AA	*
20	*	*	*	*	104.5354AA	*
25	*	*	*	*	104.5355AA	*



CAP						
DN	RED	BLUE	YELLOW	GREEN	BLACK	WHITE
06	*	*	*	*	104.5451AA	*
10	*	*	*	*	104.5452AA	*
13	*	*	*	*	101.5453AA	*
20	*	*	*	*	104.5454AA	*
25	*	*	*	*	104.5455AA	*

* NOT AVAILABLE



190 SERIES RBP



Designed for low working pressure up to 35Bar.
Only available without valve (free-flow)

• Materials

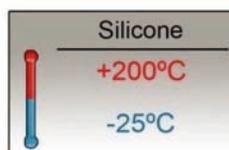
Brass DIN-EN 12164

Seals: Silicone

Balls: *AISI 316W 14401*

Springs: *AISI302 DIN 17224*

• Working temperature (Seals)



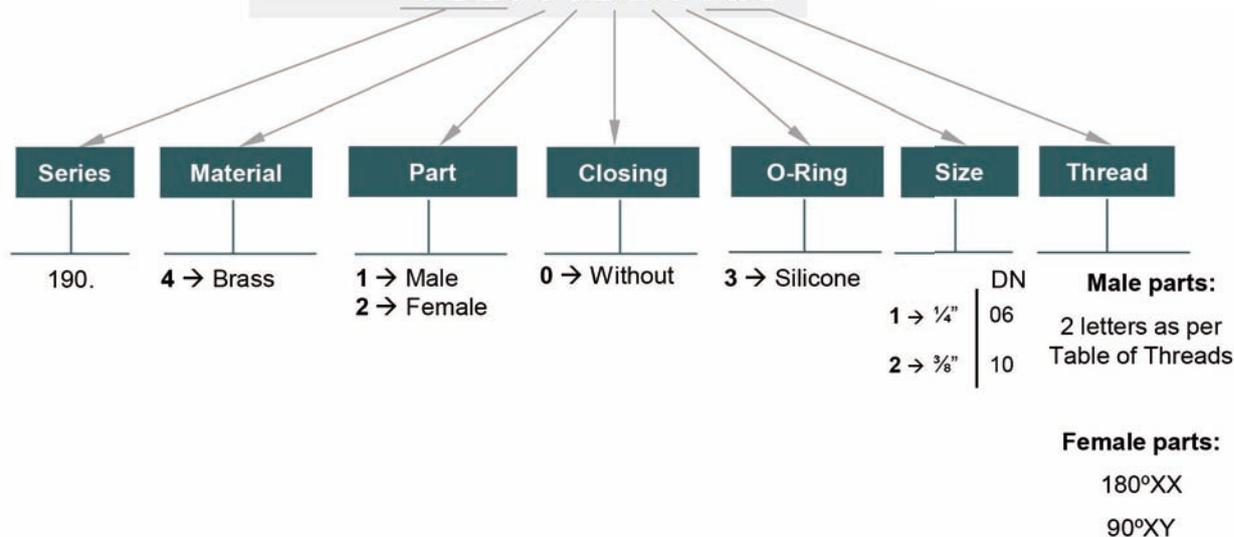
- **Applications:** Designed for Hot water Applications according to European Directive 97.23.EC
Special for American market

- **Sectors:** Cooling system for moulds

MODEL STRUCTURE

Example;

190.41001 AN



190 SERIES RBP



MALE						
DN	ØA	CH1	ØF	ØP	L	REF.
2/38	1/4" BSP M.	14	9,60	6	26	190.41001AM
3/17	1/4" BSP M.					190.41002AM
	3/8" BSP M.	27	13,30	8	31	190.41002AN

MALE						
DN	ØA	CH1	ØF	ØP	L	REF.
2/38	1/4" BSP M.	19	9,60	6	26	190.41001AB
3/17	1/4" BSP	17				190.41002AB
	3/8" BSP M.	27	13,30	8	34	190.41002AC

FEMALE						
DN	ØD	B	ØC	ØP	L	REF.
2/38	17	56	10	6	71,50	190.42031XX
3/17	23,50	57	13,30	8	82	190.42032XX

FEMALE							
DN	ØD	B1	B2	ØC	ØP	L	REF.
2/38	*	*	*	*	*	*	190.42031XY
3/17	24	42	48	13,30	8	60	190.42032XY