



104 SERIES DIN

CARBON STEEL

Size 13 – 1/2” nipples meet ISO 7241 A & ISO 5675

TECHNICAL SPECIFICATIONS

Operating pressure:	Up to 350 Bar	
Materials:	Body:	Carbon Steel EN 10277-3
	O-rings:	NBR / VITON / EPDM
	Back-up-ring:	PTFE
	Springs:	EN 10270-1/SH
	Balls:	AISI 1010/1015
Available Threads:	BSP / NPTF / ISO 11926 (J1926)*	
Closing System:	Poppet Valve or Ball / C.U.R.P.**	
Connection: **Disconnection:**	Sleeve Retraction & Press to conect Sleeve Retraction	
Connection Under Pressure:	Not Allowed / Only C.U.R.P. version	

Available Size: 1/4” a 1”

Working Temperature (O-rings)

	NBR	Viton	EPDM
	+100ºC	+200ºC	+150ºC
	-30ºC	-10ºC	-40ºC

Sectors: Industrial / Agricultural



Applications:	Designed for Hydraulic Oil (Group II- 2014/68/EU)
Interchange:	FASTER NV-NS- AEROQUIP FD76 – PARKER 4000 – SNAP-TITE 60

**Others upon request.*

MODEL STRUCTURE

Example:

104.11122 AC

Series	Material	Part	Closing	O-rings	Size (S)		Thread
104.	**1** Carbon St.	**1** Male	**0** Without	**0** Without	**1** 6	1/4”	2 letters (see Table of Threads page 999-1)
		2 Female	**1** Poppet	**1** NBR	**2** 10	3/8”	
			2 Ball	**2** VITON	**3** 13	1/2”	
			3 C.U.R.P	**3** EPDM	**4** 20	3/4”	
					5 25	1”	

** (S) 13 - 1/2" available only.

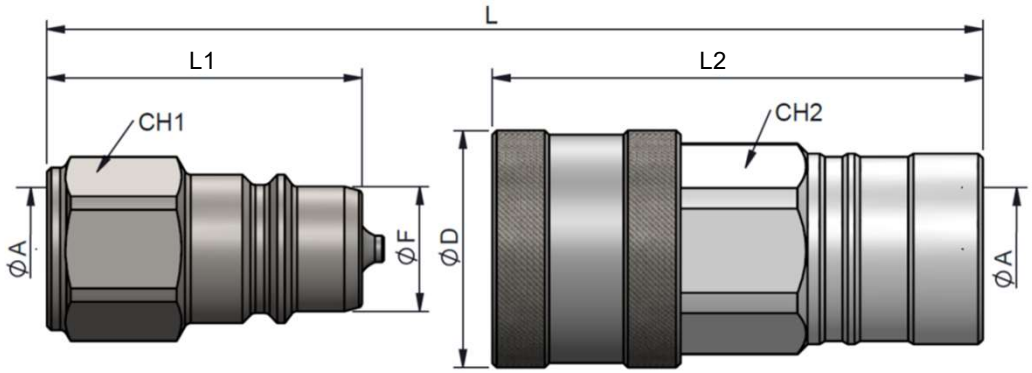
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104 SERIES DIN

POPPET VALVE

(S) 6 - 1/4"



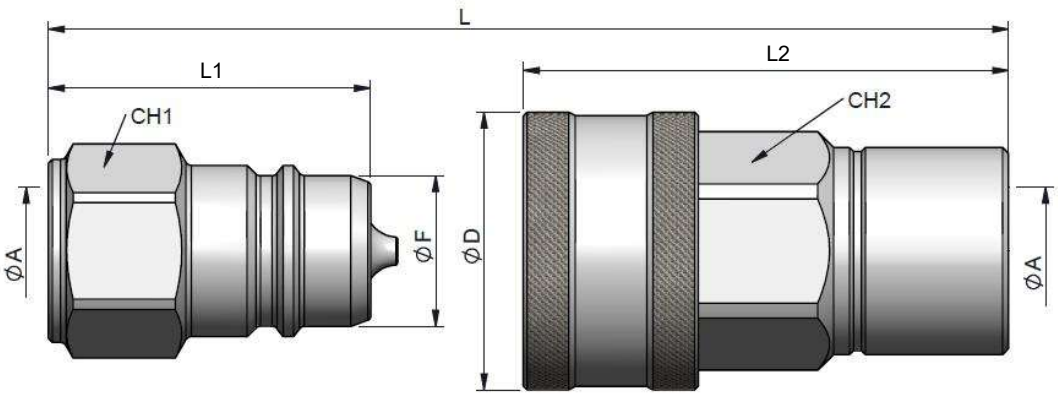
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
6	1/4" BSP	104.11111AB	350	19	36	14	72
	1/4" NPTF	104.11111BB					
	9/16"-18h UNF (ORB)	104.11111GD					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
6	1/4" BSP	104.12111AB	350	22	53.50	27	72
	1/4" NPTF	104.12111BB					
	9/16"-18h UNF (ORB)	104.12111GD					

(S) 10 - 3/8"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
10	3/8" BSP	104.11112AC	300	24	40.50	19	81
	3/8" NPTF	104.11112BC					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
10	3/8" BSP	104.12112AC	300	27	61	35	81
	3/8" NPTF	104.12112BC					

L= Total length when Male and Female are connected.

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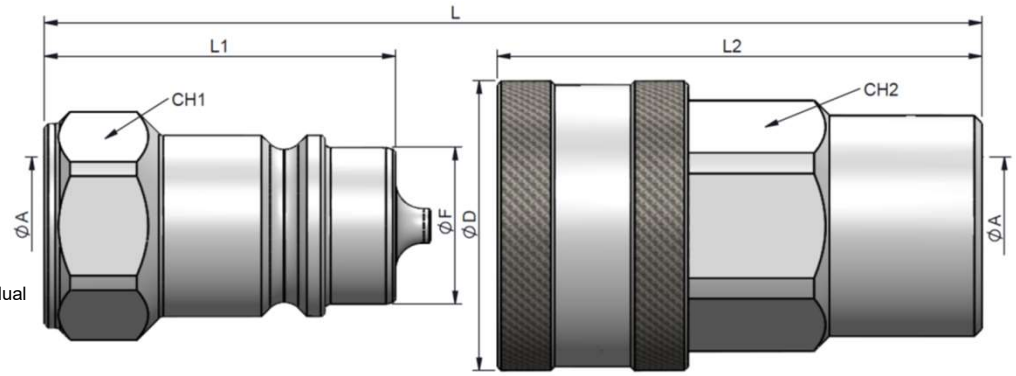
104 SERIES DIN

POPPET VALVE

(S) 13 - 1/2"



C.U.R.P. System available
Allows connection under residual pressure.



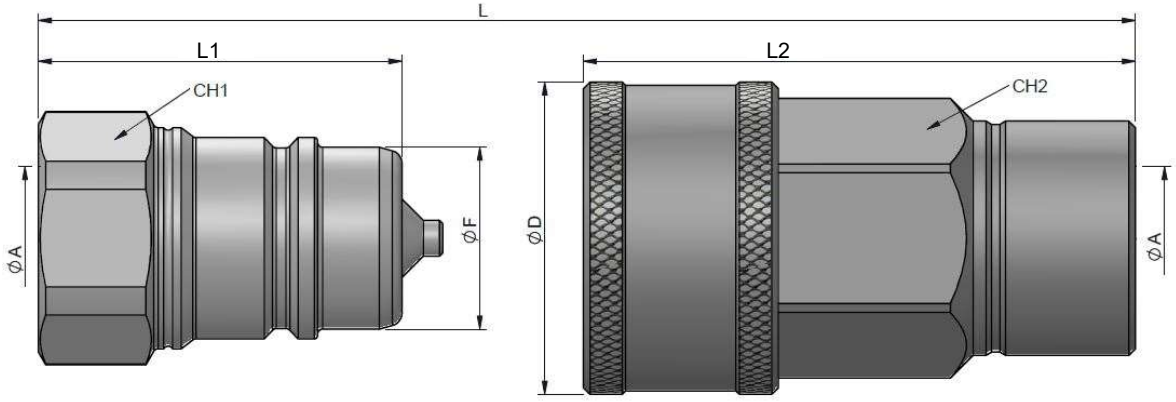
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
13	1/2" BSP	104.11113AD	300	27/30	46	20.50	87.50
	1/2" NPTF	104.11113BD					
	M22X1.5	104.11113NG		27/30			
	3/4"-16h UNF (ORB)	104.11113GF		27/30			
	7/8"-14h UNF (ORB)	104.11113GH		27/30			

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
13	1/2" BSP	104.12113AD	300r	30	63.50	38	87.50
	1/2" NPTF	104.12113BD					
	M22X1.5	104.12113NG					
	3/4"-16h UNF (ORB)	104.12113GF					
	7/8"-14h UNF (ORB)	104.12113GH					

(S) 20 - 3/4"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
19	3/4" BSP	104.11114AE	250	36	56	28	112
	3/4" NPTF	104.11114BE					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
19	3/4" BSP	104.12114AE	250	38	85	48	112
	3/4" NPTF	104.12114BE					

L= Total length when Male and Female are connected.

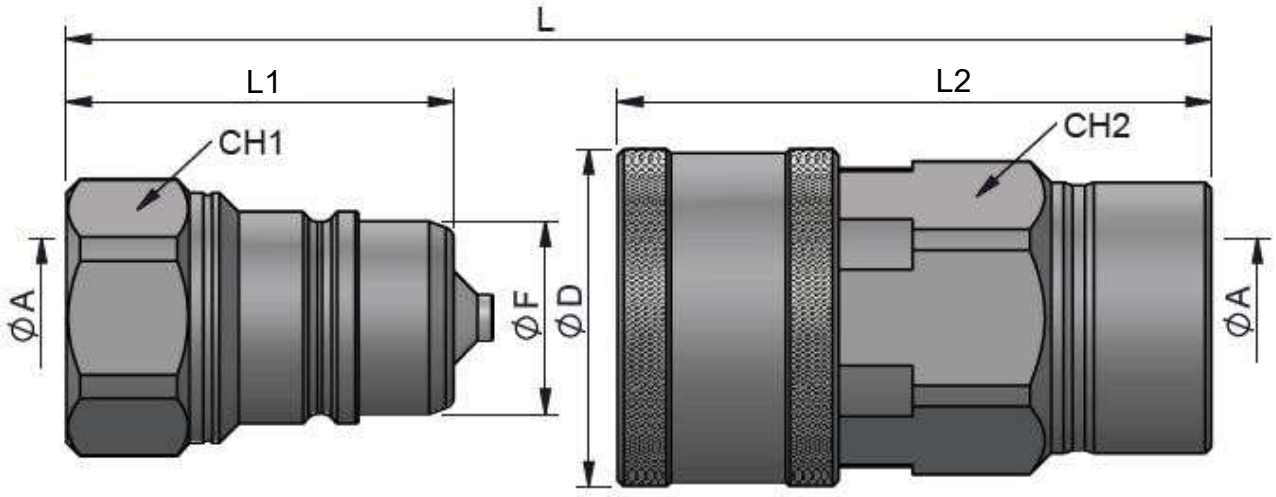
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104 SERIES DIN

POPPET VALVE

(S) 25 - 1"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
25	1" BSP	104.11115AF	220	41	63	31.3	126
	1" NPTF	104.11115BF					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
25	1" BSP	104.12115AC	220	46	96.50	55	126
	1" NPTF	104.12115BC					

L= Total length when Male and Female are connected.

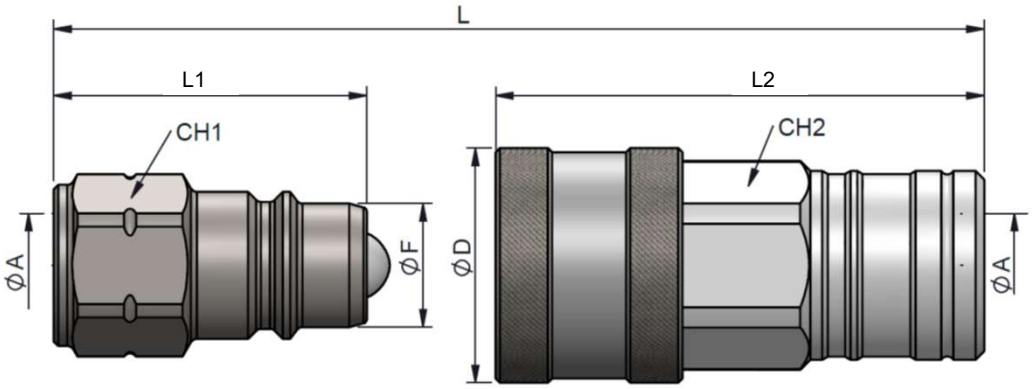
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104 SERIES DIN

BALL VALVE

(S) 6 - 1/4"



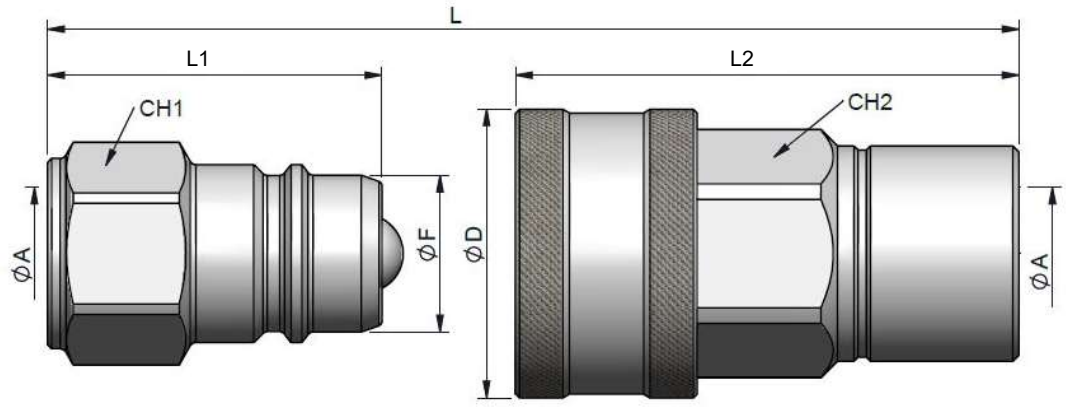
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
6	1/4" BSP	104.11211AB	350	19	36	14	72
	1/4" NPTF	104.11211BB					
	9/16"-18h UNF (ORB)	104.11211GD					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
6	1/4" BSP	104.12211AB	350	22	53.50	27	72
	1/4" NPTF	104.12211BB					
	9/16"-18h UNF (ORB)	104.12211GD					

(S) 10 - 3/8"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
10	3/8" BSP	104.11212AC	300	24	40.50	19	81
	3/8" NPTF	104.11212BC					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
10	3/8" BSP	104.12212AC	300	27	61	35	81
	3/8" NPTF	104.12212BC					

.L= Total length when Male and Female are connected.

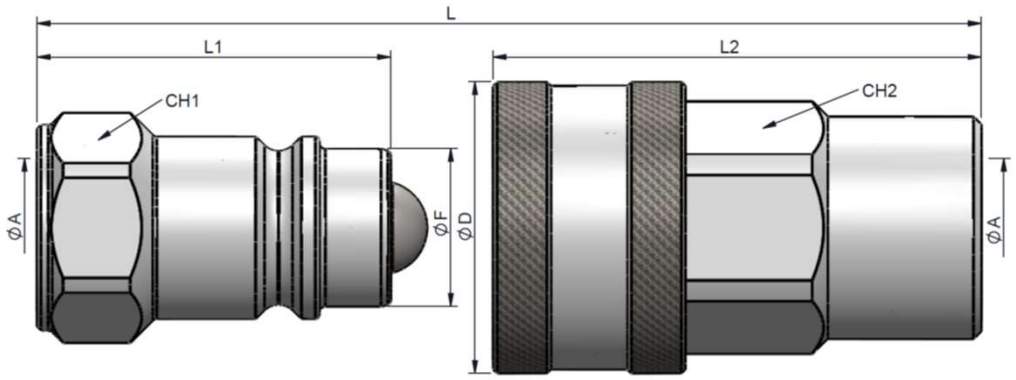
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104 SERIES DIN

BALL VALVE

(S) 13 - 1/2"



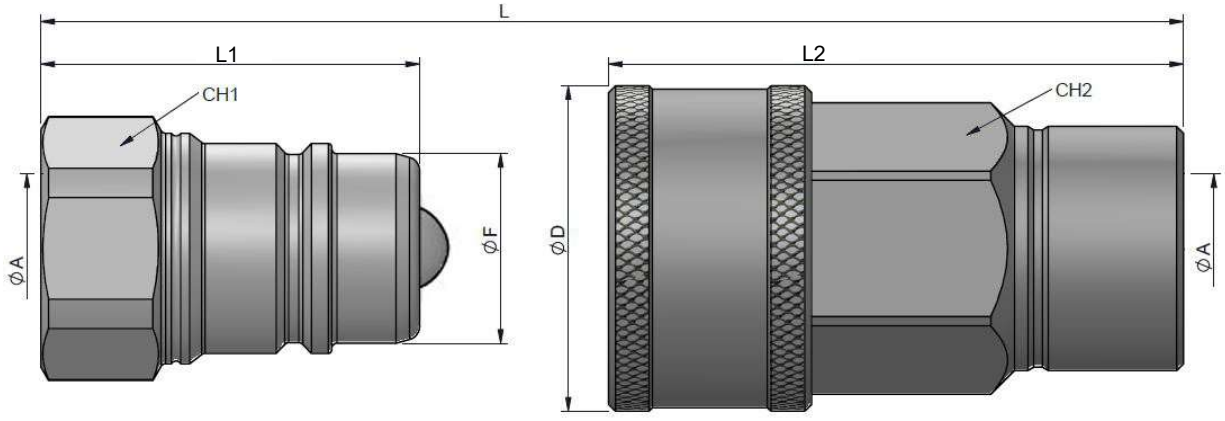
STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
13	1/2" BSP	104.11213AD	300	27/30	46	20.50	87.50
	1/2" NPTF	104.11213BD					
	M22X1.5	104.11213NG		27/30			
	3/4"-16h UNF (ORB)	104.11213GF		27/30			
	7/8"-14h UNF (ORB)	104.11213GH		27/30			

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
13	1/2" BSP	104.12213AD	300	30	63.50	38	87.50
	1/2" NPTF	104.12213BD					
	M22X1.5	104.12213NG					
	3/4"-16h UNF (ORB)	104.12213GF					
	7/8"-14h UNF (ORB)	104.12213GH					

(S) 20 - 3/4"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
19	3/4" BSP	104.11214AE	250	36	56	28	112
	3/4" NPTF	104.11214BE					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
19	3/4" BSP	104.12214AE	250	38	85	46	112
	3/4" NPTF	104.12214BE					

L= Total length when Male and Female are connected.

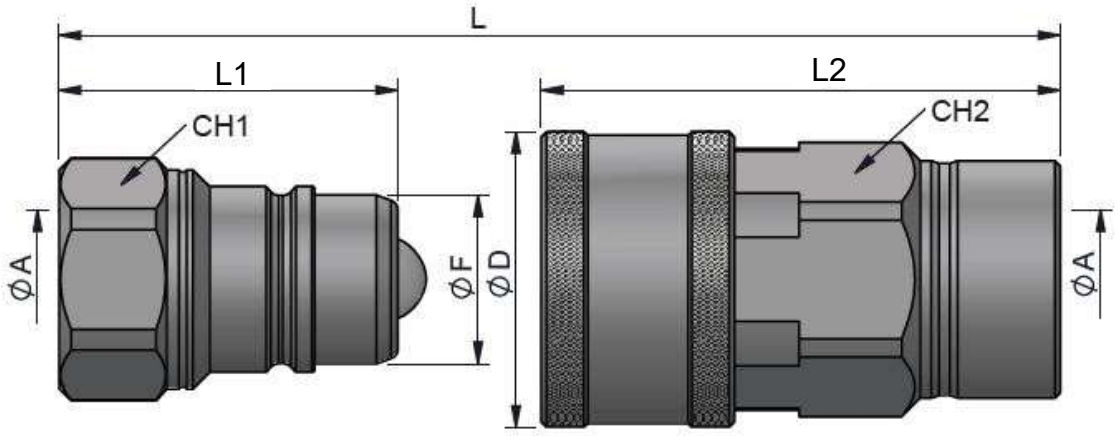
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104 SERIES DIN

BALL VALVE

(S) 25 - 1"



STANDARD MALE MODELS

(S)	ØA	REF.		CH1	L1	ØF	L
25	1" BSP	104.11215AF	220	41	63	31.3	126
	1" NPTF	104.11215BF					

STANDARD FEMALE MODELS

(S)	ØA	REF.		CH2	L2	ØD	L
25	1" BSP	104.12215AF	220	46	96.50	55	126
	1" NPTF	104.12215BF					

L= Total length when Male and Female are connected.

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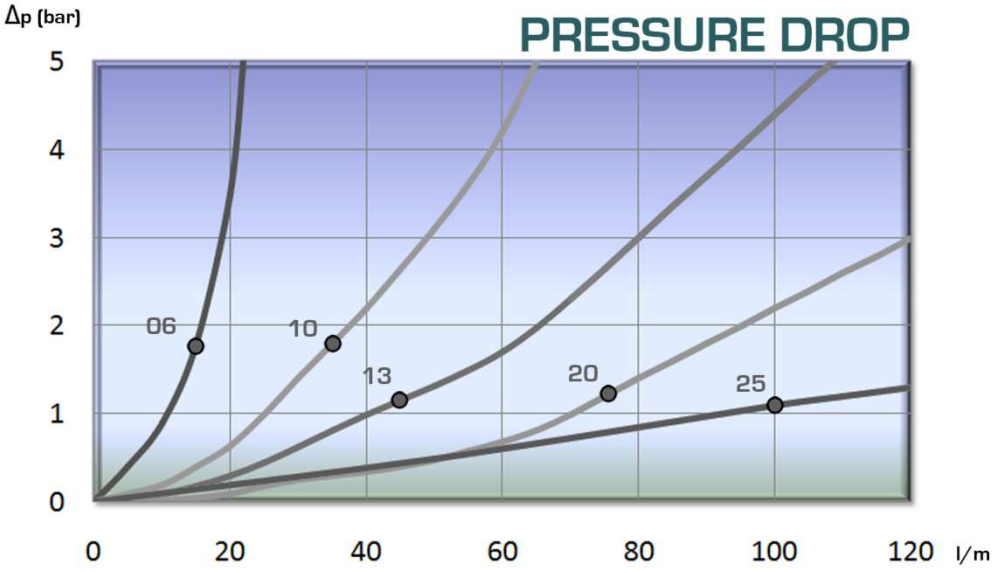
104 SERIES DIN

CARBON STEEL

TECHNICAL DATA

(S)	Rated Flow	Min. Burst Pressure (Bar)			Max. Working Pressure
		Male	Female	Coupled	Bar
6	15 l/m	1650	1800	1400	350
10	35 l/m	1250	1350	1200	300
13	45 l/m	1200	1300	1200	300
20	74 l/m	1030	1200	1000	250
25	100 l/m	950	980	920	220

Test performed according to ISO 18869



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104 SERIES DIN

PLUGS & CAPS

Designed to protect female (coupler) and male (nipple) parts while they are disconnected.
Size 13 – 1/2” manufactured according to ISO 7241-A & ISO 5675 norms

MODEL STRUCTURE / DIMENSIONS

Example:

104.5353 AA

Series	Material	Part	Color	Size (S)		Type
101.	**5** Plastic	**3** Plug	**0** Plain Metal	**1** 6	1/4”	**AA**
104.		**4** Cap	**1** Red	**2** 10	3/8”	
			2 Blue	**3** 13	1/2”	
			3 Yellow	**4** 20	3/4”	
			4 Green	**5** 25	1”	
			5 Black			
			6 White			

(S) 6 – (S) 25 – PLASTIC



PLUG (COUPLER)

(S)	RED	BLUE	YELLOW	GREEN	BLACK	WHITE
6	*	*	*	*	104.5351AA	*
10	*	*	*	*	104.5352AA	*
13	*	*	*	*	101.5353AA	*
20	*	*	*	*	104.5354AA	*
25	*	*	*	*	104.5355AA	*



CAP (NIPPLE)

(S)	RED	BLUE	YELLOW	GREEN	BLACK	WHITE
6	*	*	*	*	104.5451AA	*
10	*	*	*	*	104.5452AA	*
13	*	*	*	*	101.5453AA	*
20	*	*	*	*	104.5454AA	*
25	*	*	*	*	104.5455AA	*

* Not available. Only size 13 - 1/2"on minimum order.

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