



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

### • Working temperature (O-ring)

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

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

• **Sectors:** Agricultural



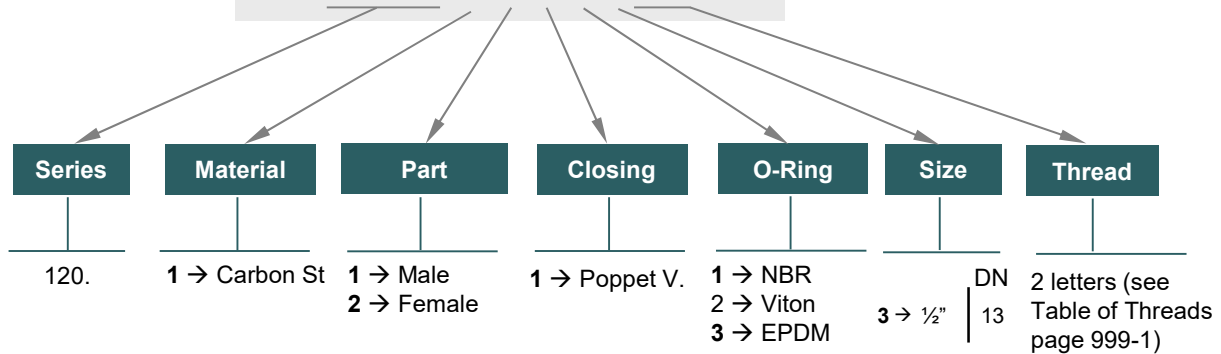
### • Equivalence

FASTER VF  
GROMELLE Q-9000

## MODEL STRUCTURE

Example:

**120.11113 JE**



**120-1**



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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
	M20x1,5	Ø13,5	120.11113KFA
	M22x,15	15L	120.11113JG
	½" BSP M.	-	120.11113AO
	½" BSP	-	120.11113AD
	½" BSP Bulkhead		120.11113CO

150Bar

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	60	45	*

• Metal parking parts is included in all female parts

STANDARD FEMALE MODELS		
DN	ØA	REF.
13	¾" BSP	120.12113AC
	½" BSP	120.12113AD
	M18x1.5	120.12113NH
	M20x1.5	120.12113NF

150 Bar

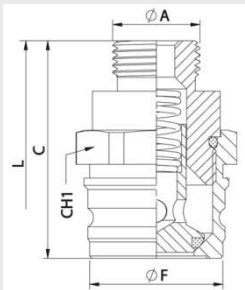


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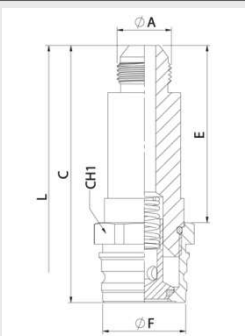
DIN 2353  
DIN3852 / BSP

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

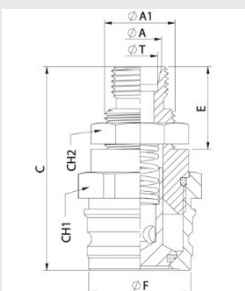
**SPECIAL OPTIONS:**  
Male with plastic cap  
120.5433AC included,  
add to base code 010.  
(Min. quantity: 250units)



MALE									
DN	ØA	CH1	C	ØF	E	L	REF.		
13	3/4"-16UNF M. (without 37° cone)	32	47,50	29	19,50	*	120.1113HFA	150Bar	

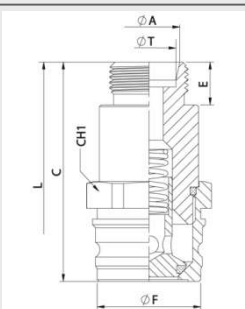


MALE									
DN	ØA	CH1	C	ØF	E	L	REF.		
13	3/4"-16UNF M. Prolonged	32	90	29	62	*	120.1113GFA	150Bar	



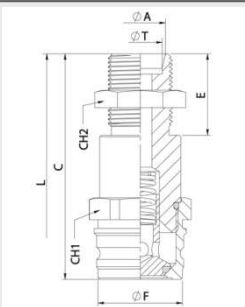
MALE											
DN	ØA	ØA1	ØT	CH1	CH2	C	ØF	E	L	REF.	
13	M16x1,5 M20x1,5	M36x2	10L	32	27	54	29	26	*	120.1113JDA	150Bar

• 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	*	120.1113JGA	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	*	120.1113LGA	150Bar

• The nut is included in the Bulkhead version

120-3

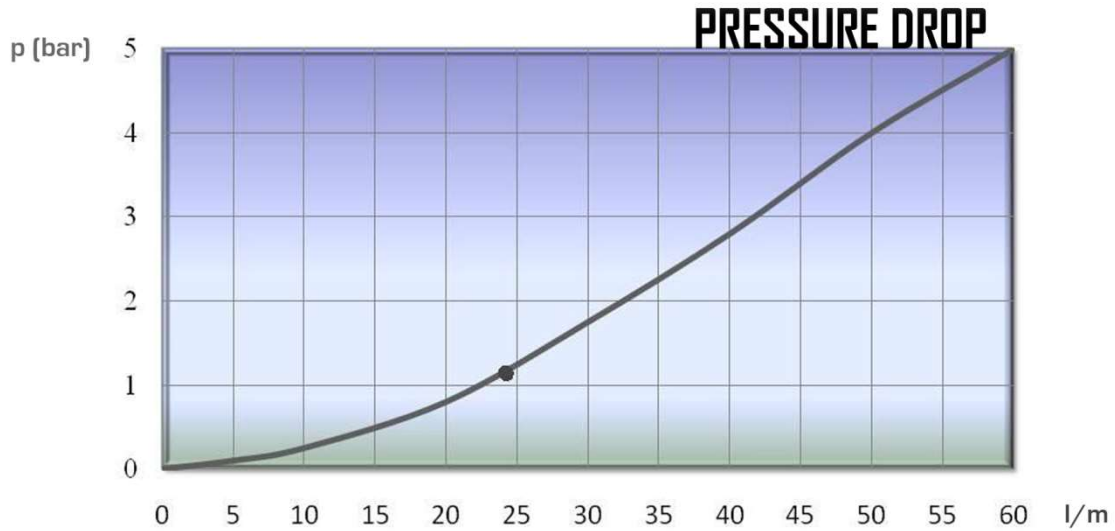


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TECHNICAL DATA					
DN	Rated Flow	Min Burst Pressure (bar)			Max. Working Pressure
		Male	Female	Coupled	
13	24 l/m	1360	640	1260	150 Bar

Test performed according to ISO 18869





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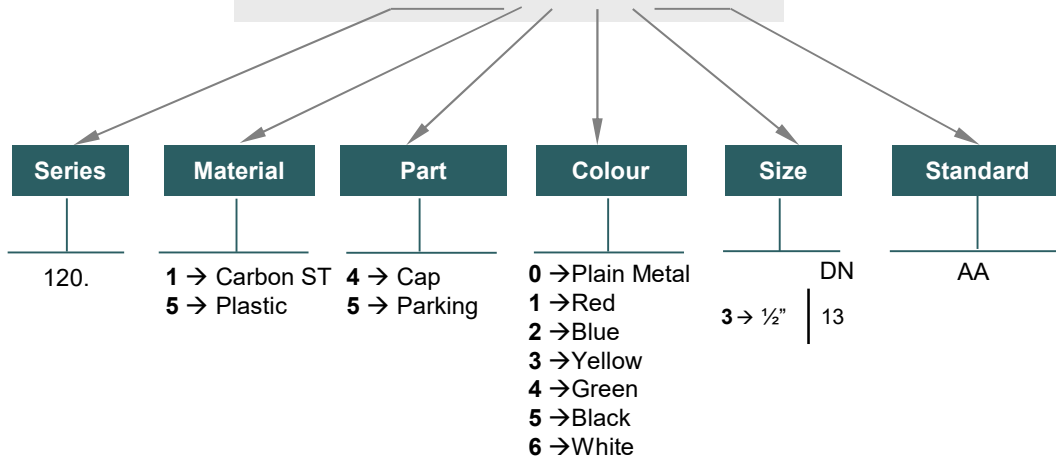
CAP &  
PARKING

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

120-5