



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

• **Sectors:** Agricultural



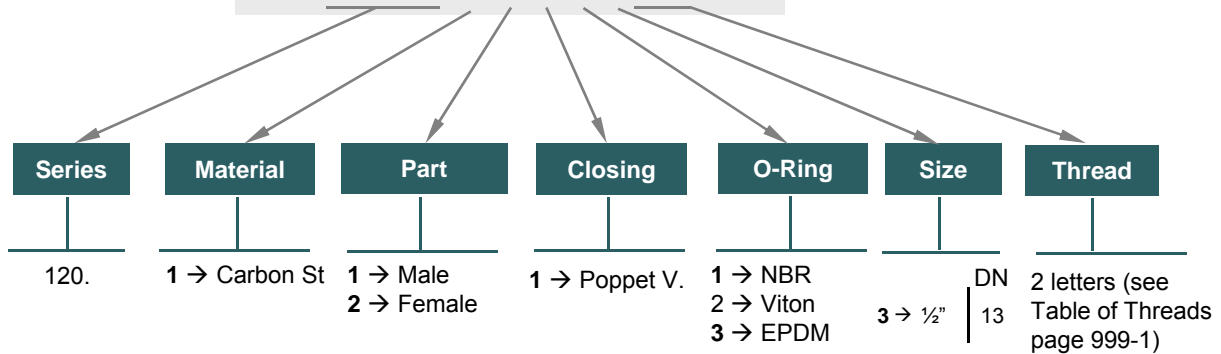
• Equivalence

FASTER VF
GROMELLE Q-9000

MODEL STRUCTURE

Example;

120.11113 JE





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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. | |
| | M18x1,5 | 12L | 120.11113JE | |
| | M20x1,5 | Ø13,5 | 120.11113KFA | |
| 13 | M22x,15 | 15L | 120.11113JG | 150Bar |
| | ½" BSP M. | - | 120.11113AO | |
| | ½" BSP | - | 120.11113AD | |

| 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. | |
| | ¾" BSP | 120.12113AC | |
| | ½" BSP | 120.12113AD | |
| 13 | M18x1.5 | 120.12113NE | 150 Bar |
| | M20x1.5 | 120.12113NF | |





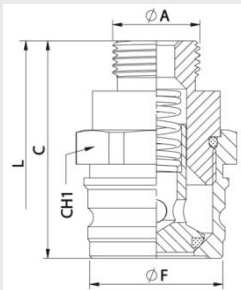
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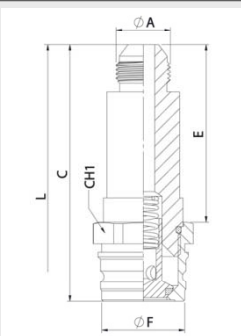
DIN 2353
DIN3852 / BSP

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

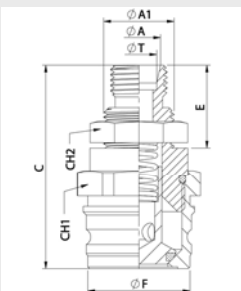
SPECIAL OPTIONS:
Male with plastic cap
120.5433AC included,
add to base code 010.
(Min. quantity: 250units)



| MALE | | | | | | | | |
|------|-------------------------------------|-----|-------|----|-------|---|--------------|--------|
| DN | ØA | CH1 | C | ØF | E | L | REF. | |
| 13 | 3/4"-16UNF M. (without 37° cone) | 32 | 47,50 | 29 | 19,50 | * | 120.11113HFA | 150Bar |

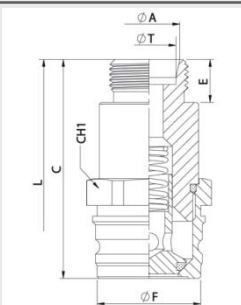


| MALE | | | | | | | | |
|------|----------------------------|-----|----|----|----|---|--------------|--------|
| DN | ØA | CH1 | C | ØF | E | L | REF. | |
| 13 | 3/4"-16UNF M. Prolonged | 32 | 90 | 29 | 62 | * | 120.11113GFA | 150Bar |



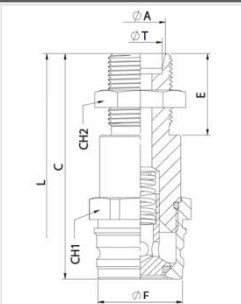
| MALE | | | | | | | | | | | |
|------|--------------------|-------|-----|-----|-----|----|----|----|---|--------------|--------|
| DN | ØA | ØA1 | ØT | CH1 | CH2 | C | ØF | E | L | REF. | |
| 13 | M16x1,5 M20x1,5 | M36x2 | 10L | 32 | 27 | 54 | 29 | 26 | * | 120.11113JDA | 150Bar |

• 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





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CAP & PARKING



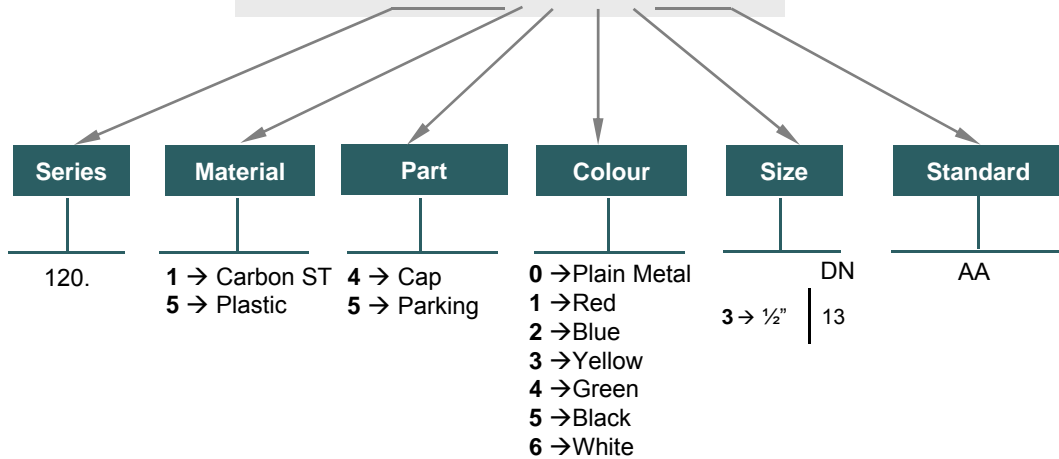
IFR SERIES CAPS have been designed to protect FEMALE parts during disconnection. They have been manufactured according to ISO 5675/ ISO/TC23 / NFU16006 requirements.

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 | 120.1503AA | 17 | 29,80 |