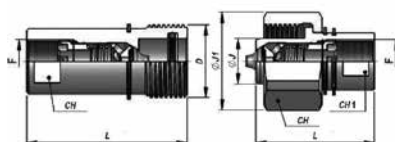


# AIPVR1

## COUPLEUR A VISSER AVEC BOUCHON SCREW COUPLING WITH CAP



| Code<br>Code                   | F<br>BSP | P<br>MAX<br>bar** | L   | D    | CH | kg   |
|--------------------------------|----------|-------------------|-----|------|----|------|
| Femelle - Female / Type ROFLE. |          |                   |     |      |    |      |
| AIPVR11313002C                 | 1/2"     | 470               | 95  | 40   | 26 | 0,54 |
| AIPVR12019002C                 | 3/4"     | 400               | 99  | 44.7 | 30 | 0,73 |
| AIPVR12525002C                 | 1"       | 350               | 106 | 58   | 40 | 1,26 |
| AIPVR13031002C                 | 1"1/4    | 320               | 118 | 66   | 48 | 1,71 |
| AIPVR13939002C                 | 1"1/2    | 300               | 121 | 75   | 55 | 2,14 |

| Code<br>Code                   | F<br>BSP | P<br>MAX<br>bar** | L  | ØJ / ØJ1  | CH /<br>CH1 | kg   |
|--------------------------------|----------|-------------------|----|-----------|-------------|------|
| Femelle - Female / Type ROFLE. |          |                   |    |           |             |      |
| AIPVR11313003C                 | 1/2"     | 470               | 70 | 26 / 55   | 50 / 26     | 0,57 |
| AIPVR12019003C                 | 3/4"     | 400               | 73 | 28 / 60   | 55 / 30     | 0,68 |
| AIPVR12525003C                 | 1"       | 350               | 81 | 36.8 / 77 | 70 / 40     | 1,26 |
| AIPVR13031003C                 | 1"1/4    | 320               | 88 | 47 / 88   | 80 / 48     | 1,93 |
| AIPVR13939003C                 | 1"1/2    | 300               | 90 | 57 / 93   | 87 / 55     | 2,33 |

## SCREW/RoFLEX

VITE ALTA RESISTENZA  
HIGH RESISTANCE SCREW COUPLINGS  
SCHRAUBKUPPLUNGEN SCHWERER BAUREIHE  
COUPLEURS À VISSER HAUTE RESISTANCE

### Caratteristiche tecniche I

- Intercambiabilità: innesti RoFLEX
- Occlusione: valvola
- Aggancio: a vite
- Materiale: acciaio
- Finitura: Zn-Fe (Cr III)
- Filettature: BSP
- Guarnizioni standard: NBR
- Temperatura d'esercizio: -25°C+100°C
- Guarnizioni opzionali: FKM, EPDM o altro.
- Pressioni di esercizio: 300-610 bar
- Connessione in pressione residua: consentita (lato maschio o lato femmina)

### Technical data E

- Interchange: RoFLEX couplings
- Occlusion: poppet
- Locking: screw
- Material: steel
- Finishing: Zn-Fe (Cr III)
- Threads: BSP
- Standard seals: NBR
- Working temperature: -25°C+100°C
- Optional seals: FKM, EPDM or more.
- Working pressure: 300-610 bar
- Connection under residual pressure: allowed (both male or female side)

### Technische Merkmale D

- Austauschbarkeit: RoFLEX kupplungen
- Verschluss: ventil
- Verriegelung: Schraubweise
- Werkstoff: Stahl
- Ausführung: Zn-Fe (Cr III)
- Gewinde: BSP
- Standard-Dichtungen: NBR
- Betriebstemperatur: -25°C+100°C
- Dichtungen nach Wahl: FKM, EPDM, usw.
- Betriebsdruck: 300-610 bar
- Kuppeln unter Restdruck: erlaubt (Steckerseite oder Muffenseite)

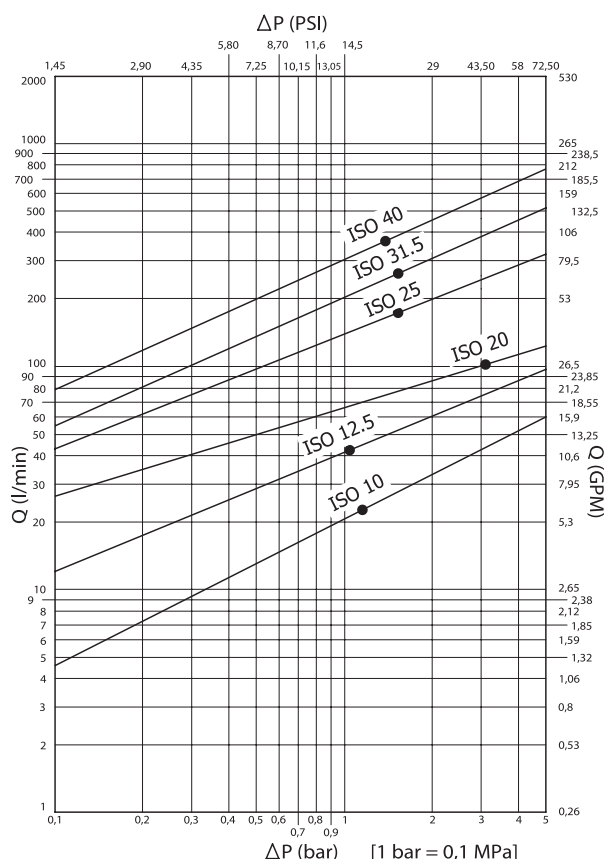
### Caracteristiques techniques F

- Interchangeabilité: coupleurs RoFLEX
- Obturation: clapet
- Accrochage: à visser
- Matériel: acier
- Traitement: Zn-Fe (Cr III)
- Taraudage: BSP
- Joints standard: NBR
- Température de service: -25°C+100°C
- Joints facultatifs: FKM, EPDM, ect.
- Pression de service: 300-610 bar
- Connexion sous pression résiduelle: possible (côté male ou femelle)

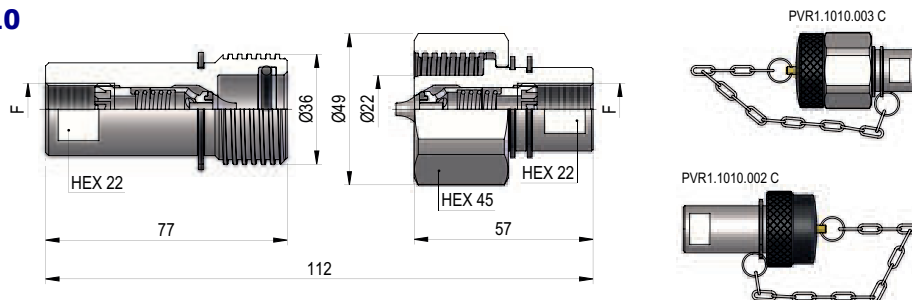


| Nominal size |     |      |      | Max working pressure | Rated flow | Max flow rate | Min burst pressure |        |         | Fluid spillage |
|--------------|-----|------|------|----------------------|------------|---------------|--------------------|--------|---------|----------------|
|              |     |      |      |                      |            |               | Male               | Female | Coupled |                |
| BG           | ISO | mm   | MPa  | I/min                | I/min      | MPa           | MPa                | MPa    | cc      |                |
| 10           | 2   | 10   | 8    | 61                   | 23         | 50            | 260                | 245    | 245     | 2.00           |
| 13           | 3   | 12.5 | 11.5 | 47                   | 45         | 85            | 165                | 210    | 190     | 3.00           |
| 20           | 4   | 20   | 13.5 | 40                   | 106        | 120           | 125                | 150    | 125     | 10.00          |
| 25           | 5   | 25   | 17.8 | 35                   | 189        | 280           | 110                | 160    | 130     | 16.00          |
| 30           | 6   | 31.5 | 21.2 | 32                   | 288        | 460           | 120                | 130    | 130     | 30.00          |
| 39           | 7   | 40   | 22.6 | 30                   | 379        | 700           | 95                 | 150    | 110     | 54.00          |

1 MPa = 145.04 psi • 1 l = 0.264 gal

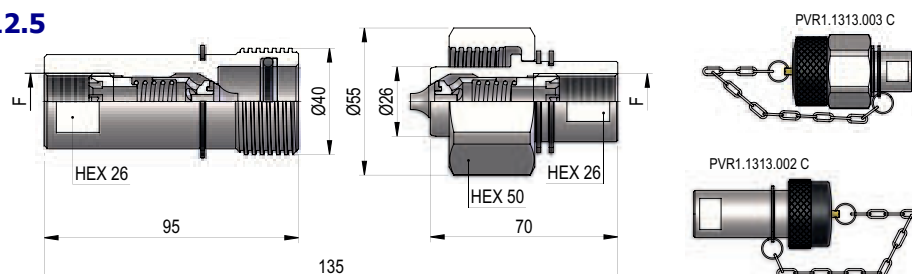


## PVR1 DN10 - BG 2 - ISO 10



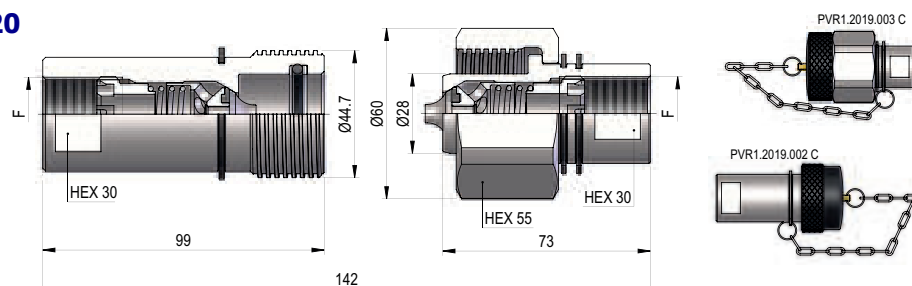
| THREADS | F        | STANDARD   | FEMMINA - FEMALE - MUFFE - FEMELLE |            |                 | MASCHIO - MALE - STECKER - MALE |            |                 |
|---------|----------|------------|------------------------------------|------------|-----------------|---------------------------------|------------|-----------------|
|         |          |            | COD. F                             | Weight (g) | Packaging (pcs) | COD. M                          | Weight (g) | Packaging (pcs) |
| IG 1    | BSP 3/8" | DIN 3852-2 | PVR1.1010.002                      | 318        | 45              | PVR1.1010.003                   | 352        | 24              |
|         | BSP 3/8" | DIN 3852-2 | PVR1.1010.002 C                    | 371        | 32              | PVR1.1010.003 C                 | 410        | 20              |

## PVR1 DN13 - BG 3 - ISO 12.5

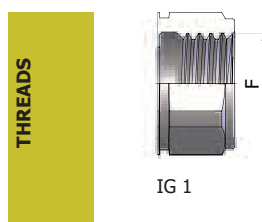


| THREADS | F        | STANDARD   | FEMMINA - FEMALE - MUFFE - FEMELLE |            |                 | MASCHIO - MALE - STECKER - MALE |            |                 |
|---------|----------|------------|------------------------------------|------------|-----------------|---------------------------------|------------|-----------------|
|         |          |            | COD. F                             | Weight (g) | Packaging (pcs) | COD. M                          | Weight (g) | Packaging (pcs) |
| IG 1    | BSP 1/2" | DIN 3852-2 | PVR1.1313.002                      | 484        | 30              | PVR1.1313.003                   | 480        | 20              |
|         | BSP 1/2" | DIN 3852-2 | PVR1.1313.002 C                    | 540        | 30              | PVR1.1313.003 C                 | 566        | 20              |

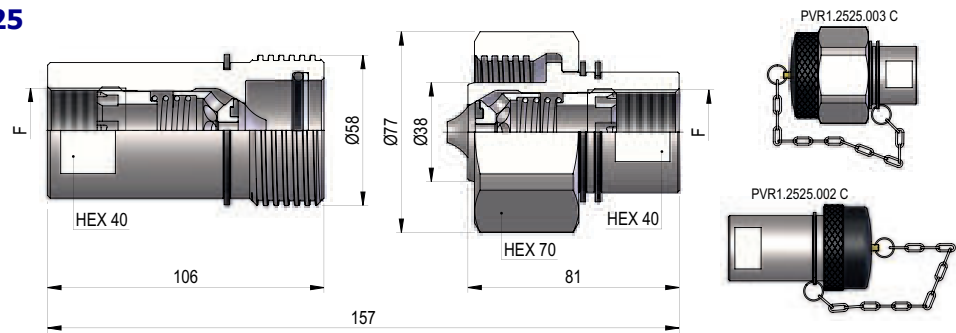
## PVR1 DN20 - BG 4 - ISO 20



| THREADS | F        | STANDARD   | FEMMINA - FEMALE - MUFFE - FEMELLE |            |                 | MASCHIO - MALE - STECKER - MALE |            |                 |
|---------|----------|------------|------------------------------------|------------|-----------------|---------------------------------|------------|-----------------|
|         |          |            | COD. F                             | Weight (g) | Packaging (pcs) | COD. M                          | Weight (g) | Packaging (pcs) |
| IG 1    | BSP 3/4" | DIN 3852-2 | PVR1.2019.002                      | 660        | 18              | PVR1.2019.003                   | 599        | 13              |
|         | BSP 3/4" | DIN 3852-2 | PVR1.2019.002 C                    | 728        | 18              | PVR1.2019.003 C                 | 680        | 13              |

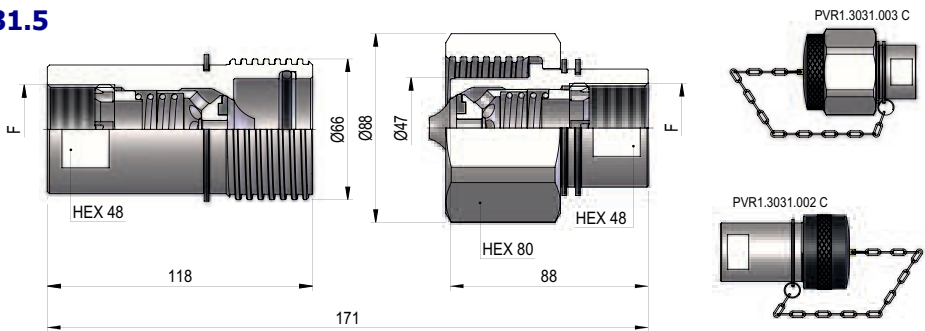


PVR1 DN25 - BG 5 - ISO 25



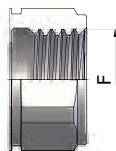
| THREADS | F      | STANDARD   | FEMMINA - FEMALE - MUFFE - FEMELLE |            |                 | MASCHIO - MALE - STECKER - MALE |            |                 |
|---------|--------|------------|------------------------------------|------------|-----------------|---------------------------------|------------|-----------------|
|         |        |            | COD. F                             | Weight (g) | Packaging (pcs) | COD. M                          | Weight (g) | Packaging (pcs) |
| IG 1    | BSP 1" | DIN 3852-2 | PVR1.2525.002                      | 1179       | 15              | PVR1.2525.003                   | 1147       | 11              |
|         | BSP 1" | DIN 3852-2 | PVR1.2525.002 C                    | 1257       | 12              | PVR1.2525.003 C                 | 1258       | 11              |

PVR1 DN30 - BG 6 - ISO 31.5



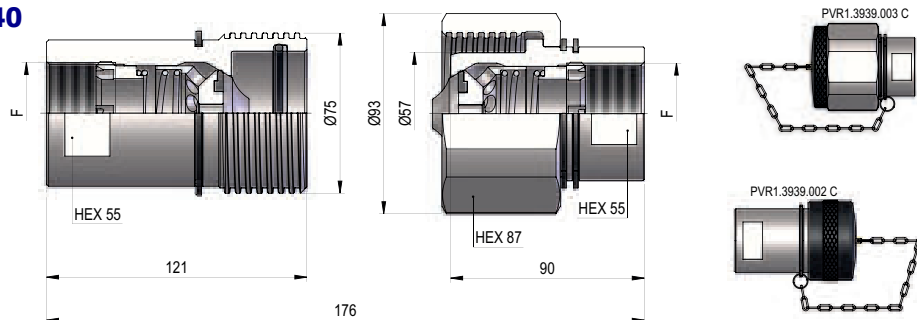
| THREADS | F       | STANDARD   | FEMMINA - FEMALE - MUFFE - FEMELLE |            |                 | MASCHIO - MALE - STECKER - MALE |            |                 |
|---------|---------|------------|------------------------------------|------------|-----------------|---------------------------------|------------|-----------------|
|         |         |            | COD. F                             | Weight (g) | Packaging (pcs) | COD. M                          | Weight (g) | Packaging (pcs) |
| IG 1    | BSP 1"¼ | DIN 3852-2 | PVR1.3031.002                      | 1606       | 12              | PVR1.3031.003                   | 1803       | 6               |
|         | BSP 1"¼ | DIN 3852-2 | PVR1.3031.002 C                    | 1711       | 12              | PVR1.3031.003 C                 | 1928       | 6               |

THREADS



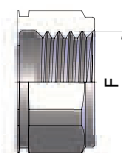
IG 1

**PVR1 DN39 - BG 7 - ISO 40**



| THREADS | F       | STANDARD   | FEMMINA - FEMALE - MUFFE - FEMELLE |            |                 | MASCHIO - MALE - STECKER - MALE |            |                 |
|---------|---------|------------|------------------------------------|------------|-----------------|---------------------------------|------------|-----------------|
|         |         |            | COD. F                             | Weight (g) | Packaging (pcs) | COD. M                          | Weight (g) | Packaging (pcs) |
| IG 1    | BSP 1"½ | DIN 3852-2 | PVR1.3939.002                      | 2006       | 8               | PVR1.3939.003                   | 2184       | 6               |
|         | BSP 1"½ | DIN 3852-2 | PVR1.3939.002 C                    | 2139       | 8               | PVR1.3939.003 C                 | 2331       | 5               |

## THREADS

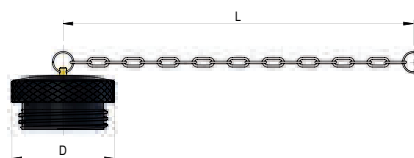
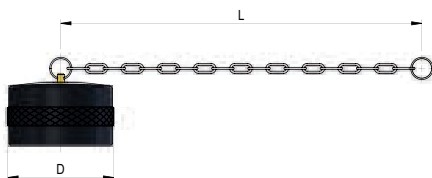


IG 1

## ACCESSORI / ACCESSORIES / ZUBEHÖR / ACCESSOIRES

## PLASTIC CAPS

| NOMINAL SIZE |     |        | FEMALE DUST CAP |    |     |        | MALE DUST PLUG |    |     |            | COLOR                                                                                 | MATERIAL |
|--------------|-----|--------|-----------------|----|-----|--------|----------------|----|-----|------------|---------------------------------------------------------------------------------------|----------|
|              |     |        | Dimensions      |    |     | Weight |                |    |     | Dimensions | Weight                                                                                |          |
| BG           | ISO | COD. F | D               | L  | (g) | COD. M | D              | L  | (g) |            |                                                                                       |          |
| 10           | 2   | 10     | SPVR.10002      | 48 | 200 | 53     | SPVR.10003     | 48 | 200 | 58         |  | PVC      |
| 13           | 3   | 12.5   | SPVR.13002      | 51 | 200 | 54     | SPVR.13003     | 51 | 200 | 80         |  | PVC      |
| 20           | 4   | 20     | SPVR.20002      | 57 | 200 | 68     | SPVR.20003     | 57 | 200 | 81         |  | PVC      |
| 25           | 5   | 25     | SPVR.25002      | 68 | 200 | 78     | SPVR.25003     | 68 | 200 | 112        |  | PVC      |
| 30           | 6   | 31.5   | SPVR.30002      | 76 | 265 | 105    | SPVR.30003     | 76 | 265 | 125        |  | PVC      |
| 39           | 7   | 40     | SPVR.39002      | 85 | 265 | 133    | SPVR.39003     | 86 | 265 | 146        |  | PVC      |

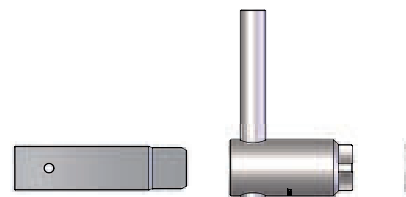
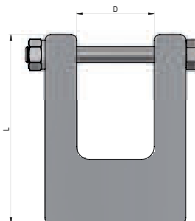
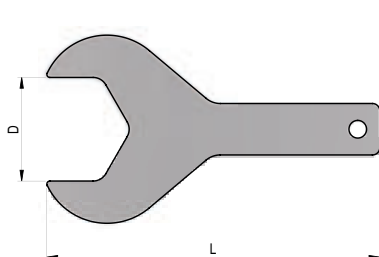


## TOOLS

| NOMINAL SIZE |     | SPANNER  | Dimensions |          | Weight |
|--------------|-----|----------|------------|----------|--------|
| BG           | ISO | COD. (F) | D          | L        | (g)    |
| 10           | 2   | 10       | CPVR.10    | 45.5 185 | 305    |
| 13           | 3   | 12.5     | CPVR.13    | 50.5 189 | 325    |
| 20           | 4   | 20       | CPVR.20    | 55.5 218 | 420    |
| 25           | 5   | 25       | CPVR.25    | 70.5 227 | 740    |
| 30           | 6   | 31.5     | CPVR.30    | 80.5 238 | 800    |
| 39           | 7   | 40       | CPVR.39    | 87.5 251 | 935    |

| NOMINAL SIZE |     | CLAMPING DEVICE | Dimensions |          | Weight |
|--------------|-----|-----------------|------------|----------|--------|
| BG           | ISO | COD. (F)        | D          | L        | (g)    |
| 10           | 2   | 10              | PPVR.10    | 22.5 81  | 278    |
| 13           | 3   | 12.5            | PPVR.13    | 26.5 88  | 432    |
| 20           | 4   | 20              | PPVR.20    | 30.5 94  | 486    |
| 25           | 5   | 25              | PPVR.25    | 40.5 109 | 926    |
| 30           | 6   | 31.5            | PPVR.30    | 48.5 118 | 1061   |
| 39           | 7   | 40              | PPVR.39    | 55.5 125 | 1416   |

| NOMINAL SIZE |     |          | ASSEMBLY TOOLS | Weight |
|--------------|-----|----------|----------------|--------|
| BG           | ISO | COD. (F) |                | (g)    |
| 10           | 2   | 10       | VPVR.10        | 466    |
| 13           | 3   | 12.5     | VPVR.13        | 488    |
| 20           | 4   | 20       | VPVR.20        | 664    |
| 25           | 5   | 25       | VPVR.25        | 915    |
| 30           | 6   | 31.5     | VPVR.30        | 1236   |
| 39           | 7   | 40       | VPVR.39        | 1573   |



## SPARE PARTS

| NOMINAL SIZE |     |      | MALE/FEMALE GASKET  |               |              |                  |                  |             |              |
|--------------|-----|------|---------------------|---------------|--------------|------------------|------------------|-------------|--------------|
| BG           | ISO |      | SS<br>(Thread Ring) | S<br>(Spring) | V<br>(Valve) | SR-1<br>(Seeger) | SR-2<br>(Seeger) | OR<br>(NBR) | BK<br>(PTFE) |
| 10           | 2   | 10   | PVR.010.020         | PVR.010.010   | PVR.010.001  | PVR.010.176      | PVR.010.160      | PVV.013.120 | PVR.010.130  |
| 13           | 3   | 12.5 | PVR.013.020         | PVR.013.010   | PVR.013.001  | PVR.013.176      | PVR.013.176      | PVR.013.120 | PVR.013.130  |
| 20           | 4   | 20   | PVR.019.020         | PVR.019.010   | PVR.019.001  | PVR.019.176      | PVR.019.176      | PVR.019.120 | PVR.019.130  |
| 25           | 5   | 25   | PVR.025.020         | PVR.025.010   | PVR.025.001  | PVR.025.176      | PVR.025.160      | PVR.025.120 | PVR.025.130  |
| 30           | 6   | 31.5 | PVR.030.020         | PVR.030.010   | PVR.030.001  | PVR.030.176      | PVR.030.160      | PVR.030.120 | PVR.030.130  |
| 39           | 7   | 40   | PVR.039.020         | PVR.039.010   | PVR.039.001  | PVR.039.176      | PVR.039.160      | PVR.039.120 | PVR.039.130  |

