

ISO A

PASSAGGIO LIBERO/ACCIAIO
FREE FLOW/STEEL
FREIER DURCHLAUF/STAHL
PASSAGE LIBRE/ACIER

Caratteristiche tecniche I

- Norma: ISO 7241 A
- Occlusione: passaggio libero
- Aggancio: sfere radiali
- Materiale: acciaio
- Finitura: Zn-Fe (PA01) / cromatura (PAOC)
- Filettature: BSP - NPT - RC
- Guarnizioni standard: NBR (PA01) / FKM (PAOC)
- Temperatura d'esercizio: (PA01) -25 °C +100 °C (PAOC) -25 °C +200 °C
- Guarnizioni opzionali: FKM, FFKM, EPDM o altro
- Pressioni di esercizio: 250-350 bar

Technical data E

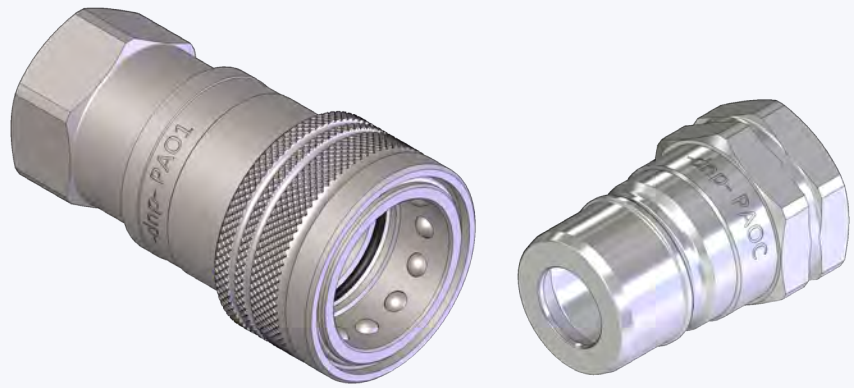
- Standard: ISO 7241 A
- Occlusion: free flow
- Locking: radial balls
- Material: steel
- Finishing: Zn-Fe (PA01) / chroming (PAOC)
- Threads: BSP - NPT - RC
- Standard seals: NBR (PA01) / FKM (PAOC)
- Working temperature: (PA01) -25 °C +100 °C (PAOC) -25 °C +200 °C
- Optional seals: FKM, FFKM, EPDM or more
- Working pressure: 250-350 bar

Technische Merkmale D

- Norm: ISO 7241 A
- Verschluss: freier Durchlauf
- Kupplung: Radial Kugeln
- Werkstoff: Stahl
- Ausführung: Zn-Fe(PAO1)/Verchromung(PAOC)
- Gewinde: BSP - NPT - RC
- Standard-Dichtungen: NBR (PA01) / FKM (PAOC)
- Betriebstemperatur: (PA01) -25 °C +100 °C (PAOC) -25 °C +200 °C
- Dichtungen nach Wahl: FKM, FFKM, EPDM, usw.
- Betriebsdruck: 250-350 bar

Caracteristiques techniques F

- Norme: ISO 7241 A
- Obturation: passage libre
- Accrochage: billes radiales
- Matériel: acier
- Traitement: Zn-Fe (PA01) /chromage (PAOC)
- Taraudage: BSP - NPT - RC
- Joints standard: NBR (PA01) / FKM (PAOC)
- Température de service: (PA01) -25 °C +100 °C (PAOC) -25 °C +200 °C
- Joints facultatifs: FKM, FFKM, EPDM, ect.
- Pression de service: 250-350 bar



PA01

| Nominal size | | | | Max working pressure MPa | Rated flow l/min | Max flow rate l/min | Min burst pressure | | | Fluid spillage cc |
|--------------|----|------|------|-----------------------------|---------------------|------------------------|--------------------|---------------|----------------|----------------------|
| DNP | BG | ISO | mm | | | | Male MPa | Female MPa | Coupled MPa | |
| 06 | 1 | 6.3 | 5.5 | 35 | 12 | 24 | - | - | 140 | - |
| 10 | 2 | 10 | 9 | 35 | 23 | 46 | - | - | 150 | - |
| 13 | 3 | 12.5 | 11.5 | 30 | 45 | 90 | - | - | 120 | - |
| 20 | 4 | 20 | 16.5 | 25 | 106 | 220 | - | - | 100 | - |
| 25 | 5 | 25 | 19 | 25 | 189 | 380 | - | - | 100 | - |
| 30 | 6 | 31.5 | 24.5 | 25 | 288 | 580 | - | - | 100 | - |

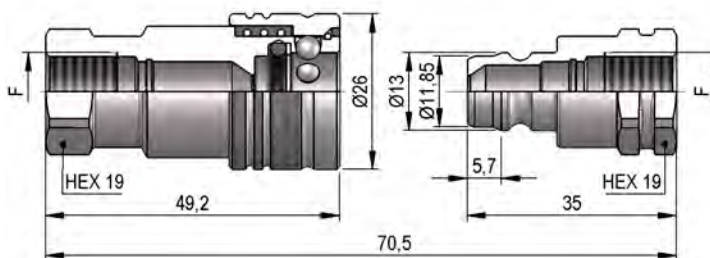
1 MPa = 145.04 psi • 1 l = 0.264 gal

PAOC

| Nominal size | | | | Max working pressure MPa | Rated flow l/min | Max flow rate l/min | Min burst pressure | | | Fluid spillage cc |
|--------------|----|------|------|-----------------------------|---------------------|------------------------|--------------------|---------------|----------------|----------------------|
| DNP | BG | ISO | mm | | | | Male MPa | Female MPa | Coupled MPa | |
| 10 | 2 | 10 | 13 | 35 | 45 | 90 | - | - | 150 | - |
| 13 | 3 | 12.5 | 17.2 | 30 | 189 | 380 | - | - | 120 | - |
| 20 | 4 | 20 | 23.2 | 25 | 288 | 580 | - | - | 100 | - |
| 25 | 5 | 25 | 28.2 | 25 | 379 | 760 | - | - | 100 | - |

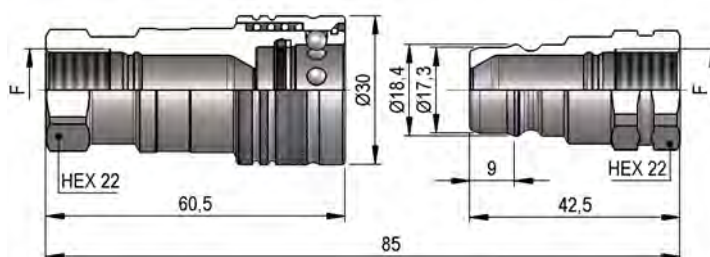
1 MPa = 145.04 psi • 1 l = 0.264 gal

PA01 DN06 - BG 1 - ISO 6.3



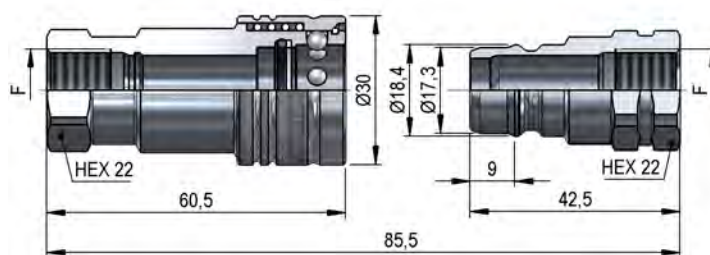
| F | STANDARD | FEMMINA - FEMALE - MUFFE - FEMELLE | | | MASCIO - MALE - STECKER - MALE | | |
|----------|--------------|------------------------------------|------------|------------------|--------------------------------|------------|------------------|
| | | COD. F | Weight (g) | Packaging (pcs.) | COD. M | Weight (g) | Packaging (pcs.) |
| BSP 1/4" | DIN 3852-2-X | PA01.0606.002 | 102 | 180 | PA01.0606.003 | 33 | 300 |
| NPT 1/4" | ANSI B1.20.3 | PA01.0606.012 | 103 | 180 | PA01.0606.013 | 34 | 300 |
| RC 1/4" | EN 10226 | PA01.0606.042 | 103 | 180 | PA01.0606.043 | 34 | 300 |

PA01 DN10 - BG 2 - ISO 10



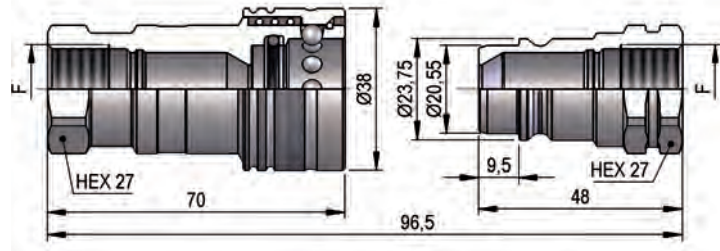
| F | STANDARD | FEMMINA - FEMALE - MUFFE - FEMELLE | | | MASCIO - MALE - STECKER - MALE | | |
|----------|--------------|------------------------------------|------------|------------------|--------------------------------|------------|------------------|
| | | COD. F | Weight (g) | Packaging (pcs.) | COD. M | Weight (g) | Packaging (pcs.) |
| BSP 3/8" | DIN 3852-2-X | PA01.1010.002 | 146 | 100 | PA01.1010.003 | 50 | 200 |
| NPT 3/8" | ANSI B1.20.3 | PA01.1010.012 | 147 | 100 | PA01.1010.013 | 51 | 200 |
| RC 3/8" | EN 10226 | PA01.1010.042 | 147 | 100 | PA01.1010.043 | 51 | 200 |

PAOC DN10 - BG 2 - ISO 10



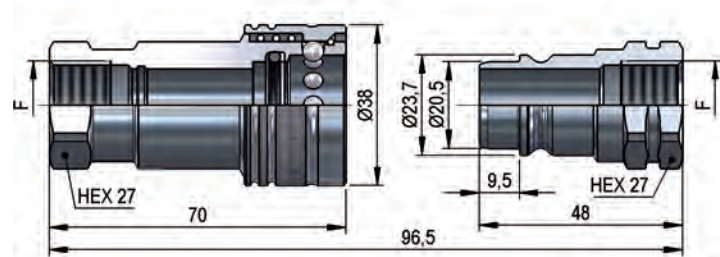
| F | STANDARD | FEMMINA - FEMALE - MUFFE - FEMELLE | | | MASCIO - MALE - STECKER - MALE | | |
|----------|--------------|------------------------------------|------------|------------------|--------------------------------|------------|------------------|
| | | COD. F | Weight (g) | Packaging (pcs.) | COD. M | Weight (g) | Packaging (pcs.) |
| BSP 3/8" | DIN 3852-2-X | PAOC.1010.002 | 145 | 100 | PAOC.1010.003 | 49 | 200 |

PA01 DN13 - BG 3 - ISO 12.5



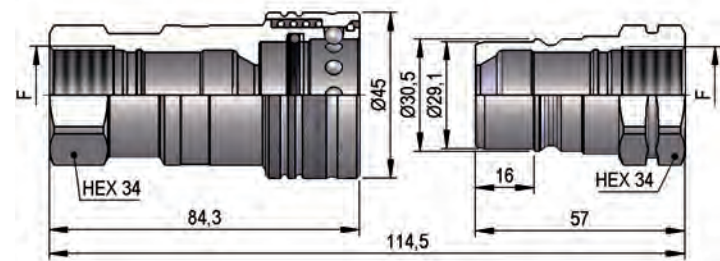
| THREADS | F | STANDARD | FEMMINA - FEMALE - MUFFE - FEMELLE | | | MASCHIO - MALE - STECKER - MALE | | |
|---------|----------|--------------|------------------------------------|------------|------------------|---------------------------------|------------|------------------|
| | | | COD. F | Weight (g) | Packaging (pcs.) | COD. M | Weight (g) | Packaging (pcs.) |
| IG 1 | BSP 1/2" | DIN 3852-2-X | PA01.1313.002 | 250 | 50 | PA01.1313.003 | 80 | 200 |
| | NPT 1/2" | ANSI B1.20.3 | PA01.1313.012 | 251 | 50 | PA01.1313.013 | 81 | 200 |
| | RC 1/2" | EN 10226 | PA01.1313.042 | 251 | 50 | PA01.1313.043 | 81 | 200 |
| IG 2 | M22x1.5 | SAE J 2244/1 | PA01.1322.102 | 243 | 50 | PA01.1322.103 | 73 | 200 |

PAOC DN13 - BG 3 - ISO 12.5



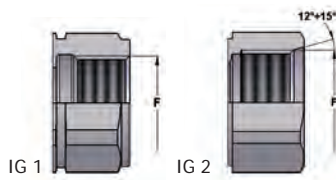
| F | STANDARD | FEMMINA - FEMALE - MUFFE - FEMELLE | | | MASCHIO - MALE - STECKER - MALE | | |
|----------|--------------|------------------------------------|------------|------------------|---------------------------------|------------|------------------|
| | | COD. F | Weight (g) | Packaging (pcs.) | COD. M | Weight (g) | Packaging (pcs.) |
| BSP 1/2" | DIN 3852-2-X | PAOC.1313.002 | 246 | 50 | PAOC.1313.003 | 76 | 200 |

PA01 DN20 - BG 4 - ISO 20

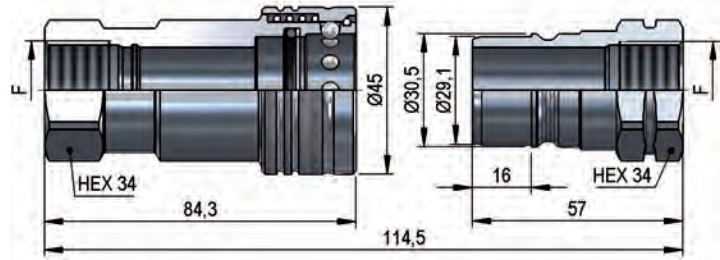


| F | STANDARD | FEMMINA - FEMALE - MUFFE - FEMELLE | | | MASCHIO - MALE - STECKER - MALE | | |
|----------|--------------|------------------------------------|------------|------------------|---------------------------------|------------|------------------|
| | | COD. F | Weight (g) | Packaging (pcs.) | COD. M | Weight (g) | Packaging (pcs.) |
| BSP 3/4" | DIN 3852-2-X | PA01.2019.002 | 396 | 28 | PA01.2019.003 | 149 | 45 |
| NPT 3/4" | ANSI B1.20.3 | PA01.2019.012 | 400 | 28 | PA01.2019.013 | 153 | 45 |
| RC 3/4" | EN 10226 | PA01.2019.042 | 400 | 28 | PA01.2019.043 | 153 | 45 |

THREADS

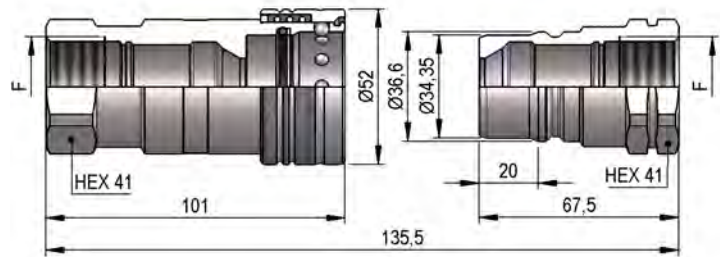


PAOC DN20 - BG 4 - ISO 20



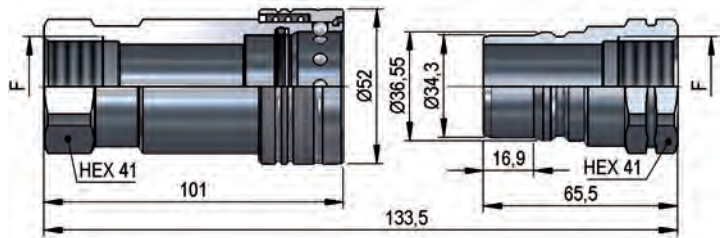
| F | STANDARD | FEMMINA - FEMALE - MUFFE - FEMELLE | | | MASCIO - MALE - STECKER - MALE | | |
|----------|--------------|------------------------------------|------------|------------------|--------------------------------|------------|------------------|
| | | COD. F | Weight (g) | Packaging (pcs.) | COD. M | Weight (g) | Packaging (pcs.) |
| BSP 3/4" | DIN 3852-2-X | PAOC.2019.002 | 392 | 28 | PAOC.2019.003 | 145 | 45 |

PA01 DN25 - BG 5 - ISO 25



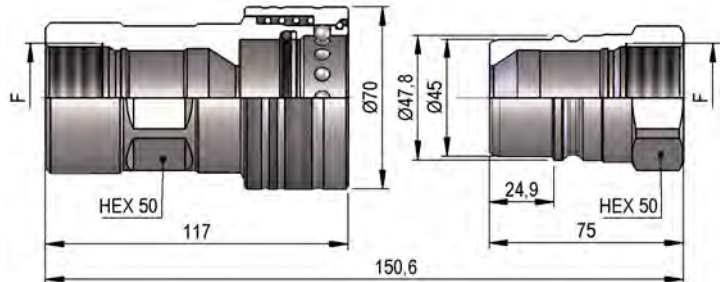
| F | STANDARD | FEMMINA - FEMALE - MUFFE - FEMELLE | | | MASCIO - MALE - STECKER - MALE | | |
|--------|--------------|------------------------------------|------------|------------------|--------------------------------|------------|------------------|
| | | COD. F | Weight (g) | Packaging (pcs.) | COD. M | Weight (g) | Packaging (pcs.) |
| BSP 1" | DIN 3852-2-X | PA01.2525.002 | 640 | 20 | PA01.2525.003 | 243 | 30 |
| NPT 1" | ANSI B1.20.3 | PA01.2525.012 | 649 | 20 | PA01.2525.013 | 252 | 30 |
| RC 1" | EN 10226 | PA01.2525.042 | 649 | 20 | PA01.2525.043 | 252 | 30 |

PAOC DN25 - BG 5 - ISO 25



| F | STANDARD | FEMMINA - FEMALE - MUFFE - FEMELLE | | | MASCIO - MALE - STECKER - MALE | | |
|--------|--------------|------------------------------------|------------|------------------|--------------------------------|------------|------------------|
| | | COD. F | Weight (g) | Packaging (pcs.) | COD. M | Weight (g) | Packaging (pcs.) |
| BSP 1" | DIN 3852-2-X | PAOC.2525.002 | 631 | 20 | PAOC.2525.003 | 234 | 30 |

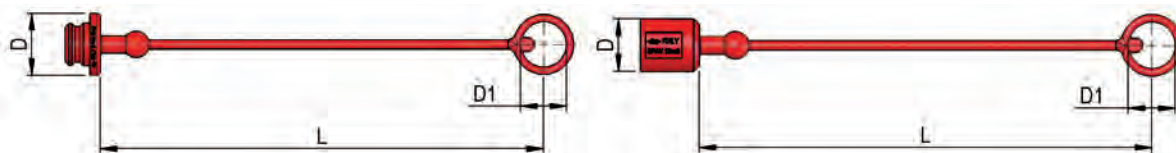
PA01 DN30 - BG 6 - ISO 31.5



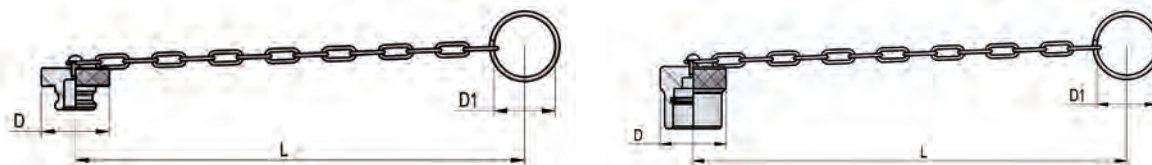
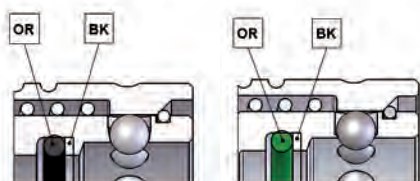
| F | STANDARD | FEMMINA - FEMALE - MUFFE - FEMELLE | | | MASCIO - MALE - STECKER - MALE | | |
|------------|--------------|------------------------------------|------------|------------------|--------------------------------|------------|------------------|
| | | COD. F | Weight (g) | Packaging (pcs.) | COD. M | Weight (g) | Packaging (pcs.) |
| BSP 1 1/4" | DIN 3852-2-X | PA01.3031.002 | 1381 | 12 | PA01.3031.003 | 425 | 20 |
| NPT 1 1/4" | ANSI B1.20.3 | PA01.3031.012 | 1392 | 12 | PA01.3031.013 | 436 | 20 |
| RC 1 1/4" | EN 10226 | PA01.3031.042 | 1392 | 12 | PA01.3031.043 | 436 | 20 |

PLASTIC CAPS

| NOMINAL SIZE | | | FEMALE DUST PLUG | | | | | MALE DUST CAP | | | | | COLOR | MATERIAL |
|--------------|----|------|------------------|------------|-----|------|------------|---------------|------------|-----|----|------------|-------|----------|
| DNP | BG | ISO | COD. F | Dimensions | | | Weight (g) | COD. M | Dimensions | | | Weight (g) | | |
| | | | | D | L | D1 | | | D | L | D1 | | | |
| 06 | 1 | 6.3 | SPAV.06002 | 24 | 127 | 19.5 | 7 | SPAV.06003 | 24.5 | 123 | 18 | 9 | ● | PVC |
| 10 | 2 | 10 | SPAV.10002 | 28 | 220 | 22 | 14 | SPAV.10003 | 23.5 | 220 | 22 | 16 | ● | PVC |
| 10 | 2 | 10 | SPAV.10022 | 28 | 220 | 22 | 14 | SPAV.10023 | 23.5 | 220 | 22 | 16 | ● | PVC |
| 10 | 2 | 10 | SPAV.10032 | 28 | 220 | 22 | 14 | SPAV.10033 | 23.5 | 220 | 22 | 16 | ● | PVC |
| 10 | 2 | 10 | SPAV.10042 | 28 | 220 | 22 | 14 | SPAV.10043 | 23.5 | 220 | 22 | 16 | ● | PVC |
| 13 | 3 | 12.5 | SPAV.13002 | 35 | 250 | 26 | 20 | SPAV.13003 | 29 | 250 | 26 | 21 | ● | PVC |
| 13 | 3 | 12.5 | SPAV.13012 | 35 | 250 | 26 | 20 | SPAV.13013 | 29 | 250 | 26 | 21 | ● | PVC |
| 13 | 3 | 12.5 | SPAV.13022 | 35 | 250 | 26 | 20 | SPAV.13023 | 29 | 250 | 26 | 21 | ● | PVC |
| 13 | 3 | 12.5 | SPAV.13032 | 35 | 250 | 26 | 20 | SPAV.13033 | 29 | 250 | 26 | 21 | ● | PVC |
| 13 | 3 | 12.5 | SPAV.13042 | 35 | 250 | 26 | 20 | SPAV.13043 | 29 | 250 | 26 | 21 | ● | PVC |
| 13 | 3 | 12.5 | SPAV.13052 | 35 | 250 | 26 | 20 | SPAV.13053 | 29 | 250 | 26 | 21 | ○ | PVC |
| 13 | 3 | 12.5 | SPAV.13062 | 35 | 250 | 26 | 20 | SPAV.13063 | 29 | 250 | 26 | 21 | ● | PVC |
| 20 | 4 | 20 | SPAV.20002 | 42 | 270 | 36 | 33 | SPAV.20003 | 36.5 | 270 | 36 | 39 | ● | PVC |
| 20 | 4 | 20 | SPAV.20012 | 42 | 270 | 36 | 33 | SPAV.20013 | 36.5 | 270 | 36 | 39 | ● | PVC |
| 20 | 4 | 20 | SPAV.20032 | 42 | 270 | 36 | 33 | SPAV.20033 | 36.5 | 270 | 36 | 39 | ● | PVC |
| 20 | 4 | 20 | SPAV.20042 | 42 | 270 | 36 | 33 | SPAV.20043 | 36.5 | 270 | 36 | 39 | ● | PVC |
| 20 | 4 | 20 | SPAV.20052 | 42 | 270 | 36 | 33 | SPAV.20053 | 36.5 | 270 | 36 | 39 | ○ | PVC |
| 20 | 4 | 20 | SPAV.20062 | 42 | 270 | 36 | 33 | SPAV.20063 | 36.5 | 270 | 36 | 39 | ● | PVC |
| 25 | 5 | 25 | SPAV.25002 | 54 | 235 | 41 | 46 | SPAV.25003 | 49 | 235 | 41 | 53 | ● | PVC |


METAL CAPS

| NOMINAL SIZE | | | FEMALE DUST PLUG | | | | | MALE DUST CAP | | | | | MATERIAL |
|--------------|----|------|------------------|------------|-----|----|------------|---------------|------------|-----|----|------------|----------|
| DNP | BG | ISO | COD. F | Dimensions | | | Weight (g) | COD. M | Dimensions | | | Weight (g) | |
| | | | | D | L | D1 | | | D | L | D1 | | |
| 06 | 1 | 6.3 | SPAV.06202 | 19 | 160 | 30 | 11 | SPAV.06203 | 19 | 180 | 30 | 18 | Aluminum |
| 10 | 2 | 10 | SPAV.10202 | 30 | 200 | 33 | 42 | SPAV.10203 | 30 | 200 | 33 | 50 | Aluminum |
| 13 | 3 | 12.5 | SPAV.13202 | 38 | 205 | 32 | 51 | SPAV.13203 | 38 | 205 | 32 | 70 | Aluminum |
| 20 | 4 | 20 | SPAV.20202 | 45 | 275 | 47 | 66 | SPAV.20203 | 45 | 275 | 47 | 107 | Aluminum |
| 25 | 5 | 25 | SPAV.25202 | 43 | 240 | 41 | 59 | SPAV.25203 | 45 | 290 | 41 | 119 | Aluminum |
| 30 | 6 | 31.5 | SPAV.30202 | 70 | 275 | 47 | 119 | SPAV.30203 | 70 | 275 | 47 | 280 | Aluminum |


SPARE PARTS


| NOMINAL SIZE | | | PA01 FEMALE GASKET | | PA0C FEMALE GASKET | |
|--------------|----|------|--------------------|-------------|--------------------|-------------|
| DNP | BG | ISO | OR (NBR*) | BK (PTFE) | OR (FKM) | BK (PTFE) |
| 06 | 1 | 6.3 | PAV.006.120 | PAV.006.130 | - | - |
| 10 | 2 | 10 | PAV.010.120 | PAV.010.130 | PAV.010.120 V | PAV.010.130 |
| 13 | 3 | 12.5 | PAV.013.120 | PAV.013.130 | PAV.013.120 V | PAV.013.130 |
| 20 | 4 | 20 | PAV.019.120 | PAV.019.130 | PAV.019.120 V | PAV.019.130 |
| 25 | 5 | 25 | PAV.025.120 | PAV.025.130 | PAV.025.120 V | PAV.025.130 |
| 30 | 6 | 31.5 | PAV.030.120 | PAV.030.130 | - | - |

*AL CODICE DELLA GUARNIZIONE IN NBR AGGIUNGERE 'E' PER EPDM O 'V' PER VITON

*TO THE NBR GASKET CODE ADD 'E' FOR EPDM OR 'V' FOR VITON

*ZU DER ARTIKELNR. DER NBR DICHTUNG GEBEN SIE 'E' FUER EPDM ODER 'V' FUER VITON AN

*AU CODE DU JOINT EN NBR JOINDRE 'E' POUR EPDM OU 'V' POUR VITON