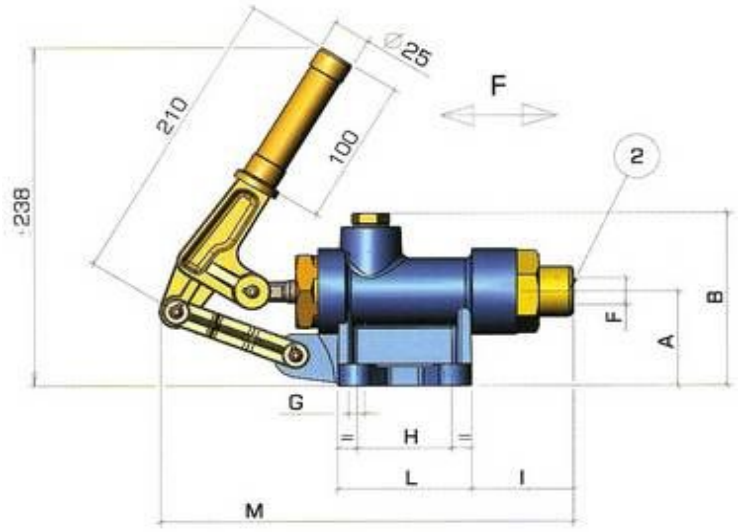
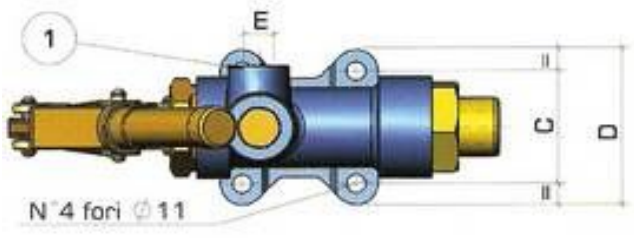
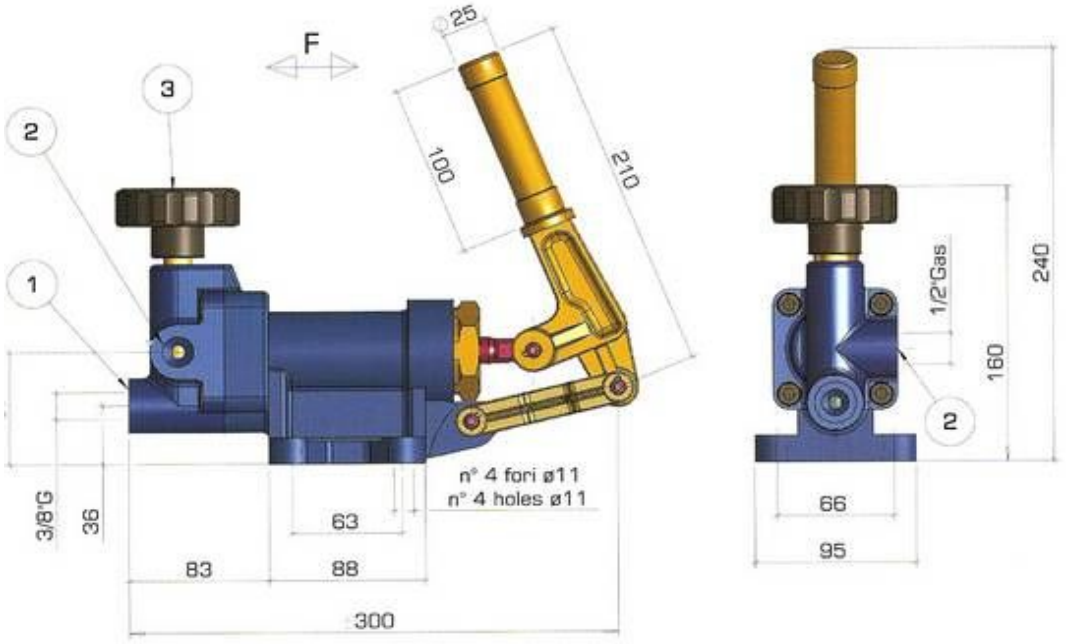



| TIPO | A | B | C | D | E | F | G | H | I | L | M |
|---|---|---|---|---|---|---|---|---|---|---|---|
| GL 20-25-28-30-35 | 67 | 120 | 66 | 95 | 3/8" gas | 1/2" gas | 11 | 63 | 68 | 89 | 285 |
| GL 40-45 | 71 | 137 | 71 | 102 | 1/2" gas | 1/2" gas | 11 | 73 | 71 | 104 | 295 |




| TIPO | PORTATA | PRESSIONE |
|---|---|---|
| GL 20 | 18 | 460 |
| GL 25 | 29 | 320 |
| GL 28 | 36 | 250 |
| GL 30 | 42 | 220 |
| GL 35 | 57 | 160 |
| GL 40 | 87 | 120 |
| GL 45 | 111 | 90 |

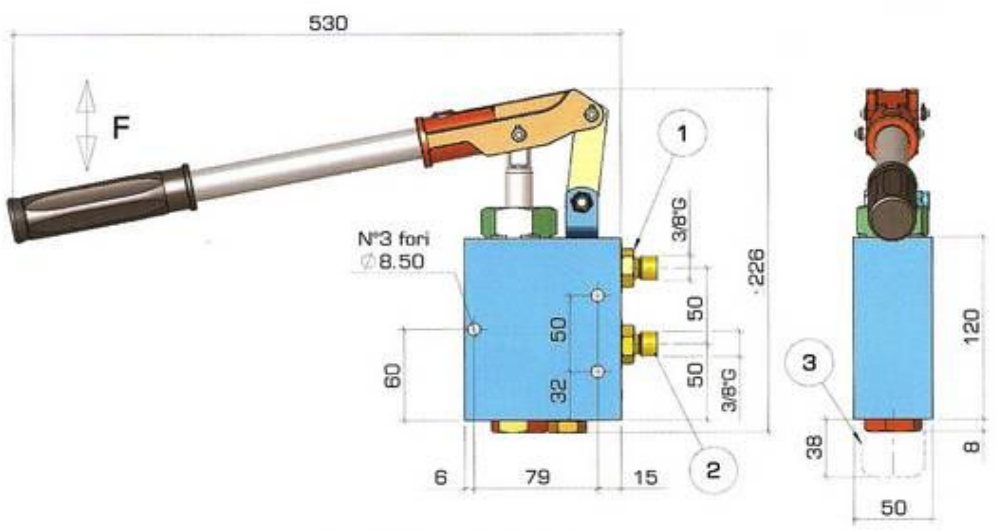
Peso Kg: 5,3 - 6,5
1 MANDATA
2 ASPIRAZIONE

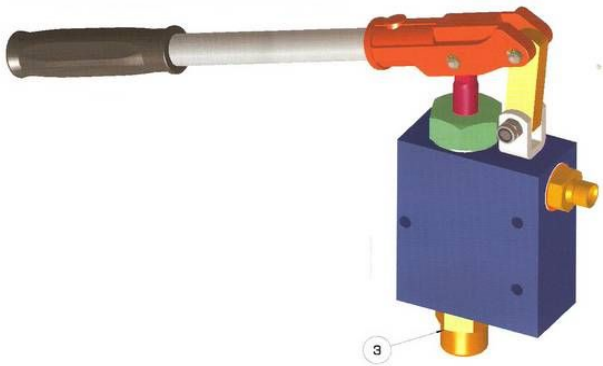


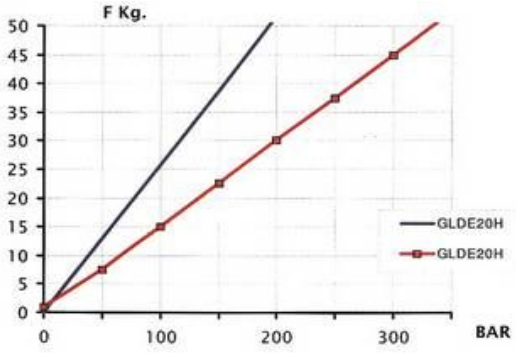

| TIPO | PORTATA | PRESSIONE |
|---|---|---|
| GLR 20 | 18 | 460 |
| GLR 25 | 29 | 320 |
| GLR 28 | 36 | 250 |
| GLR 30 | 42 | 220 |

Peso Kg: 6,3 - 6,5

1 MANDATA
2 ASPIRAZIONE
3 VOLANTINO DI SCARICO

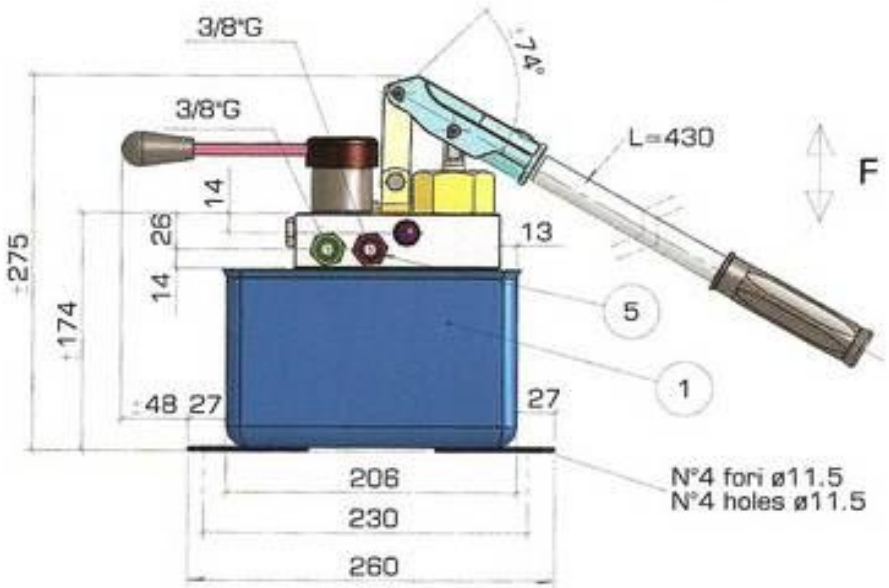


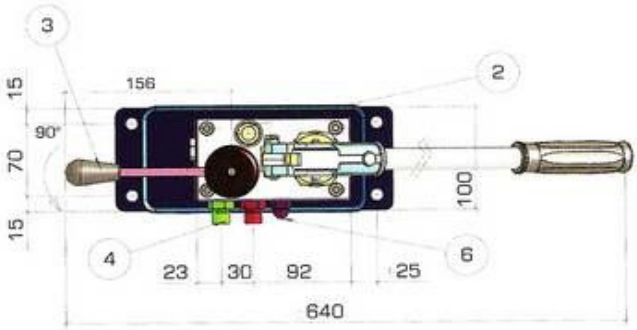



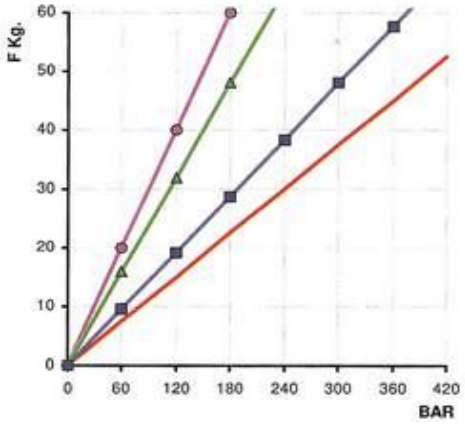




| TIPO | PORTATA | PRESSIONE |
|---|---|---|
| GLDE 20H | 16 | 280 |
| GLDE 25H | 25 | 150 |

1 MANDATA
2 ASPIRAZIONE
3 ASPIRAZIONE 1/2"G



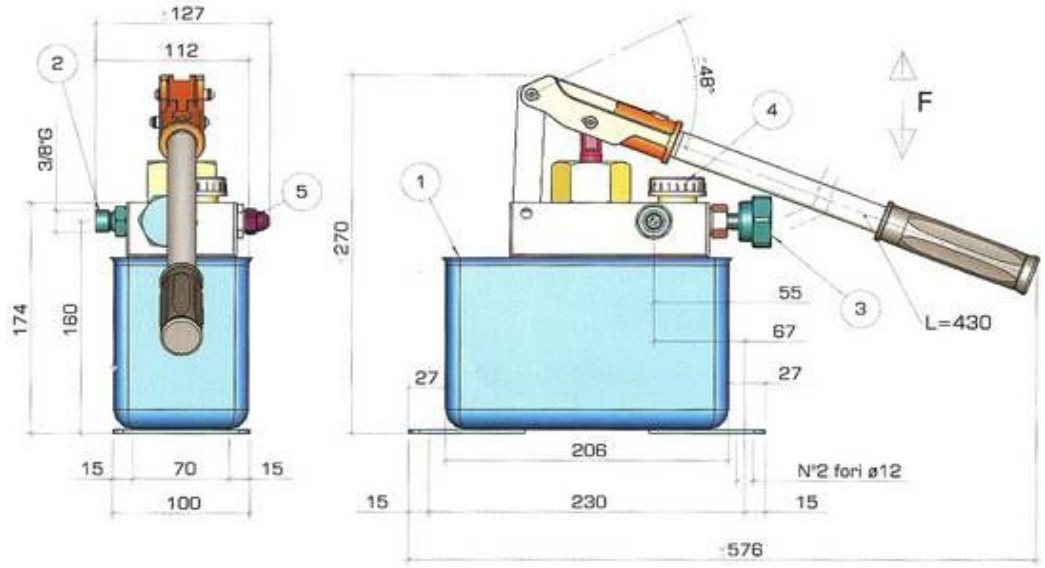



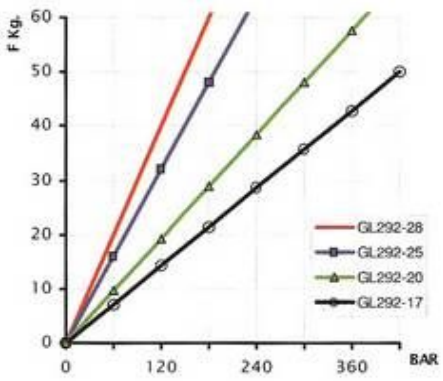




| TIPO | PORTATA | PRESSIONE |
|---|---|---|
| GL290-17 | 11 | 380 |
| GL290-20 | 16 | 280 |
| GL290-25 | 25 | 180 |
| GL290-28 | 32 | 150 |

Peso Kg (senza olio): 7 - 7,5

1 SERBATOIO L 2,2
2 TAPPO CARICO OLIO
3 LEVA INVERSIONE FLUSSO OLIO
4 MANDATA 1
5 MANDATA 2
6 VALVOLA DI MAX PRESSIONE

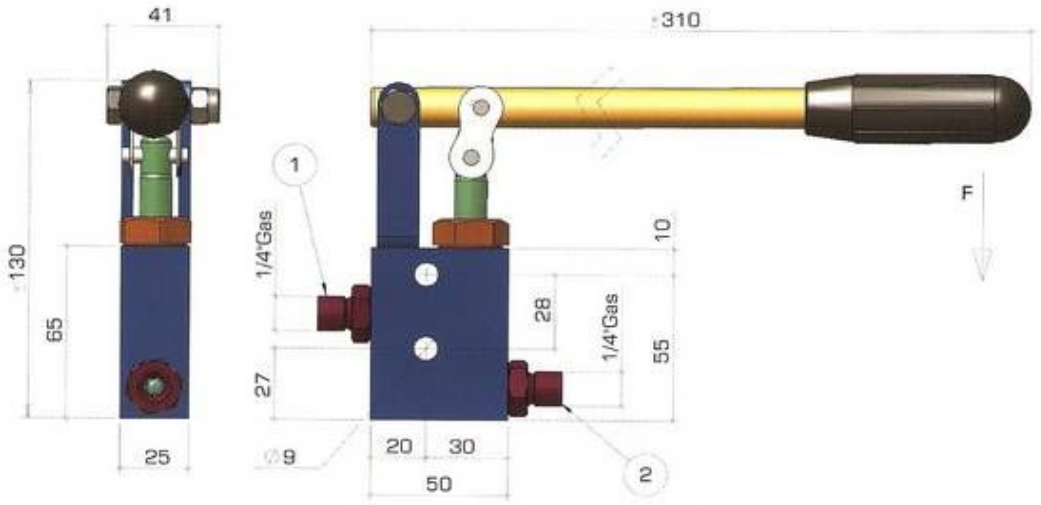


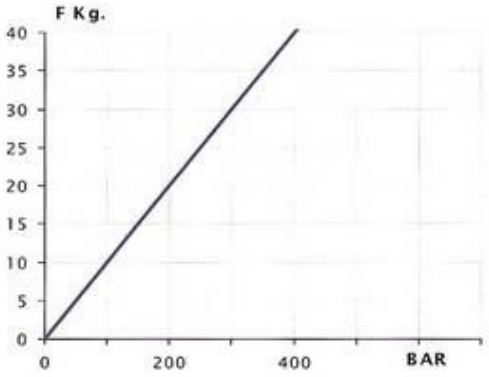




| TIPO | PORTATA | PRESSIONE |
|---|---|---|
| GL292-17 | 11 | 380 |
| GL292-20 | 16 | 280 |
| GL292-25 | 25 | 180 |
| GL292-28 | 32 | 150 |

Peso Kg (senza olio): 7 - 7,5

1 SERBATOIO L 2,2
2 MANDATA
3 VOLANTINO DI SCARICO
4 TAPPO CARICO OLIO
5 REGISTRO VALVOLA DI MAX

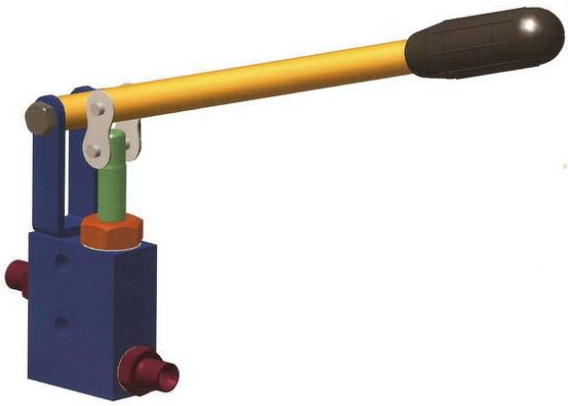



| TIPO | PORTATA | PRESSIONE |
|---|---|---|
| GL292-17 | 11 | 380 |
| GL292-20 | 16 | 280 |
| GL292-25 | 25 | 180 |
| GL292-28 | 32 | 150 |

Peso Kg: 1,3 Portata cc: 2,5 Pressione bar: 400

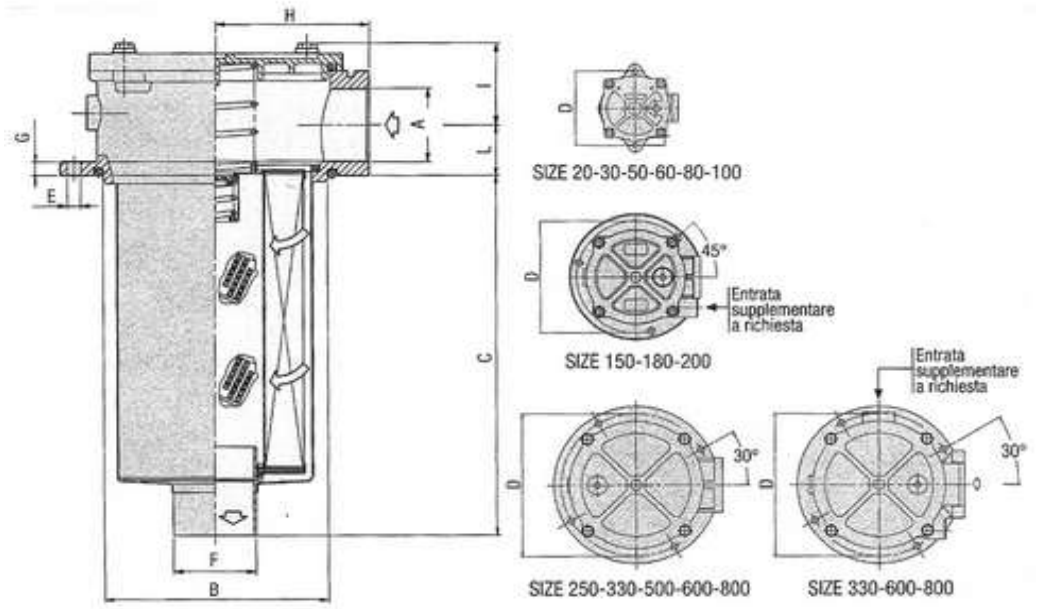
1 MANDATA
2 ASPIRAZIONE



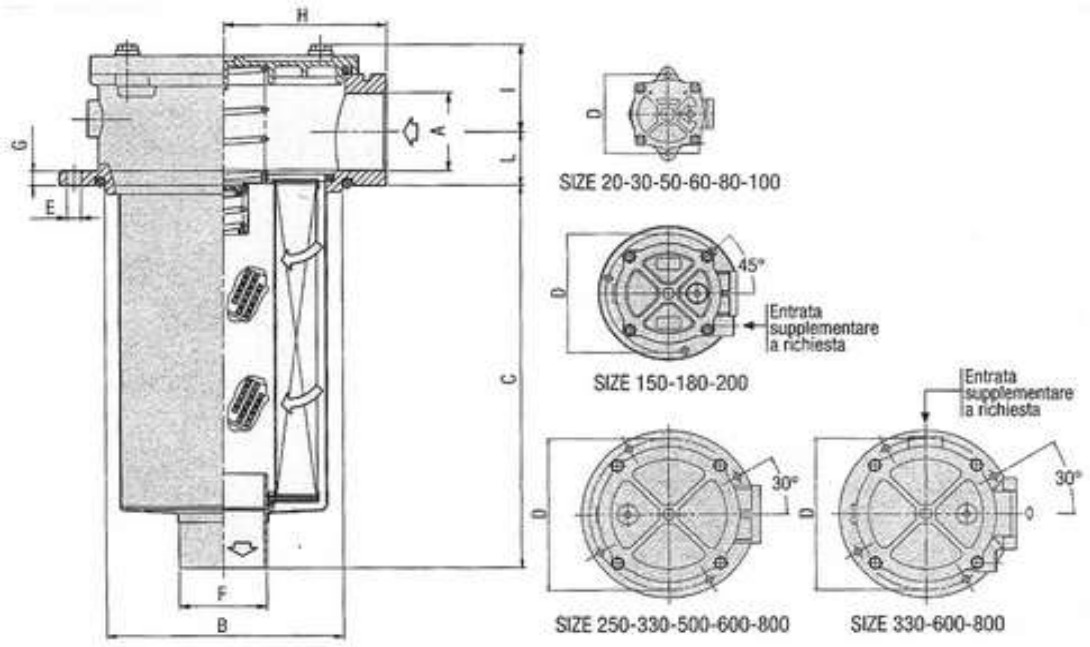
**FILTRI CA**


| Codice: |
|---|
| CA160/02 |
| CA160/1 |
| CA160/3 |
| CA160/6 |
| CA200 |
| CA200/02 |
| CA200/1 |
| CA200/3 |
| CA200/6 |
| CA200/9 |
| CA60 |
| CA60/1 |
| CA60/3 |
| CA60/6 |
| CA80/02 |
| CA80/03 |
| CA80/1 |
| CA80/3 |
| CA80/6 |
| CAR160/1 |
| CAR60/1 |
| CAR70/1 |

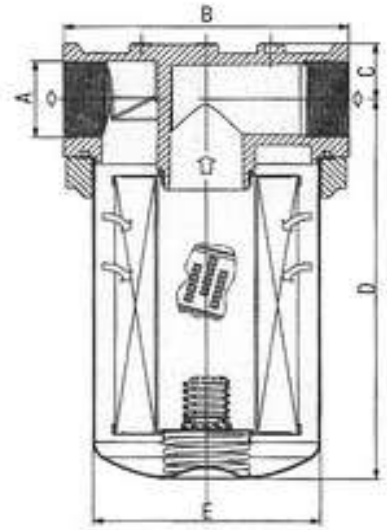
***quasi tutti i modelli e misure sono ordinabili su richiesta**

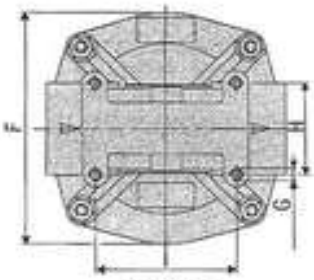



| RETE METALLICA | | | | | | DIMENSIONI | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 90 MICRON | | | 60 MICRON | | | mm | | | | | | | | | |
| SIZE | FILTRO COMP. | CARTUCCIA | SIZE | FILTRO COMPL. | CARTUCCIA | A | B | C | D | E | F | G | H | I | L |
| **20** | FIO 20 | CR 30 | **20** | FIO 20/6 | CR 30/6 | G 3/8 | 67 | 78 | 90 | 6.4 | 25 | 9 | 49 | 30 | 22 |
| **30** | FIO 30 | CR 30 | **30** | FIO 30/6 | CR 30/6 | G 1/2 | 67 | 78 | 90 | 6.4 | 25 | 9 | 49 | 30 | 22 |
| **50** | FIO 50 | CR 50 | **50** | FIO 50/6 | CR 50/6 | G 1/2 | 90 | 100 | 115 | 8.4 | 28 | 10 | 66 | 43 | 28 |
| **60** | FIO 60 | CR 60 | **60** | FIO 60/6 | CR 60/6 | G 3/4 | 90 | 100 | 115 | 8.4 | 28 | 10 | 66 | 43 | 28 |
| **80** | FIO 80 | CR 100 | **80** | FIO 80/6 | CR 100/6 | G 3/4 | 90 | 145 | 115 | 8.4 | 28 | 10 | 66 | 43 | 28 |
| **100** | FIO 100 | CR 100 | **100** | FIO 100/6 | CR 100/6 | G 1 | 90 | 145 | 115 | 8.4 | 28 | 10 | 66 | 43 | 28 |
| **150** | FIO 150 | CR 180 | **150** | FIO 150/6 | CR 180/6 | G 1 | 131 | 230 | 175 | 10.5 | 40 | 10 | 95 | 53 | 35 |
| **180** | FIO 180 | CR 180 | **180** | FIO 180/6 | CR 180/6 | G 1 1/4 | 131 | 230 | 175 | 10.5 | 40 | 10 | 95 | 53 | 35 |
| **200** | FIO 200 | CR 201 | **200** | FIO 200/6 | CR 201/6 | G 1 1/4 | 131 | 280 | 175 | 10.5 | 40 | 10 | 95 | 53 | 35 |
| **250** | FIO 250 | CR 250 | **250** | FIO 250/6 | CR 250/6 | G 1 1/2 | 175 | 167 | 220 | 10.5 | 50 | 11 | 119 | 65 | 41 |
| **330** | FIO 325 | CR 325 | **330** | FIO 325/6 | CR 325/6 | G 1 1/2 | 175 | 238 | 220 | 10.5 | 50 | 11 | 119 | 65 | 41 |
| **330** | FIO 330 | CR 330 | **330** | FIO 330/6 | CR 330/6 | G 1 1/2 | 175 | 238 | 220 | 10.5 | 63.5 | 11 | 119 | 65 | 41 |
| **330** | FIO 330 | CR 330 | **330** | FIOF 330/6 | CR 330/6 | FLANGIA SAE 1 1/2 | 174 | 238 | 220 | 10.5 | 63.5 | 11 | 126 | 58 | 48.5 |
| **500** | FIO 500 | CR 500 | **500** | FIO 500/6 | CR 500/6 | G 2 | 175 | 238 | 220 | 10.5 | 63.5 | 11 | 119 | 65 | 41 |
| **600** | FIO 600 | CR 600 | **600** | FIO 600/6 | CR 600/6 | G 2 | 175 | 293 | 220 | 10.5 | 63.5 | 11 | 119 | 65 | 41 |
| **600** | FIO 600 | CR 600 | **600** | FIOF 600/6 | CR 600/6 | FLANGIA SAE 2 | 174 | 289 | 220 | 10.5 | 63.5 | 11 | 126 | 58 | 48.5 |
| **800** | FIO 800 | CR 800 | **800** | FIO 800/6 | CR 800/6 | G 2 | 175 | 441 | 220 | 10.5 | 63.5 | 11 | 119 | 65 | 41 |
| **800** | FIO 800 | CR 800 | **800** | FIOF 800/6 | CR 800/6 | FLANGIA SAE 2 | 174 | 437 | 220 | 10.5 | 63.5 | 11 | 126 | 58 | 48.5 |

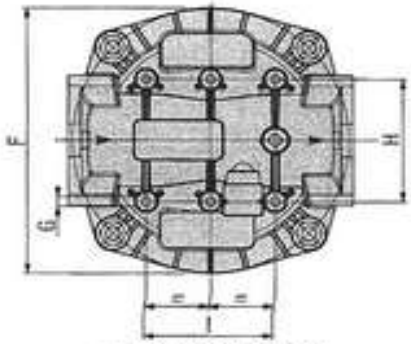



| SYNTEQ | | | | | | DIMENSIONI | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25 MICRON | | | 10 MICRON | | | mm | | | | | | | | | |
| SIZE | FILTRO COMP. | CARTUCCIA | SIZE | FILTRO COMPL. | CARTUCCIA | A | B | C | D | E | F | G | H | I | L |
| **10** | FIO 20/3 | CR 30/3 | **10** | FIO 20/2 | CR 30/2 | G 3/8 | 67 | 78 | 90 | 6.4 | 25 | 9 | 49 | 30 | 22 |
| **15** | FIO 30/3 | CR 30/3 | **15** | FIO 30/2 | CR 30/2 | G 1/2 | 67 | 78 | 90 | 6.4 | 25 | 9 | 49 | 30 | 22 |
| **30** | FIO 50/3 | CR 50/3 | **30** | FIO 50/2 | CR 50/2 | G 1/2 | 90 | 100 | 115 | 8.4 | 28 | 10 | 66 | 43 | 28 |
| **35** | FIO 60/3 | CR 60/3 | **35** | FIO 60/2 | CR 60/2 | G 3/4 | 90 | 100 | 115 | 8.4 | 28 | 10 | 66 | 43 | 28 |
| **50** | FIO 80/3 | CR 100/3 | **50** | FIO 80/2 | CR 100/2 | G 3/4 | 90 | 145 | 115 | 8.4 | 28 | 10 | 66 | 43 | 28 |
| **60** | FIO 100/3 | CR 100/3 | **60** | FIO 100/2 | CR 100/2 | G 1 | 90 | 145 | 115 | 8.4 | 28 | 10 | 66 | 43 | 28 |
| **90** | FIO 150/3 | CR 180/3 | **90** | FIO 150/2 | CR 180/2 | G 1 | 131 | 230 | 175 | 10.5 | 40 | 10 | 95 | 53 | 35 |
| **110** | FIO 180/3 | CR 180/3 | **110** | FIO 180/2 | CR 180/2 | G 1 1/4 | 131 | 230 | 175 | 10.5 | 40 | 10 | 95 | 53 | 35 |
| **130** | FIO 200/3 | CR 201/3 | **130** | FIO 200/2 | CR 201/2 | G 1 1/4 | 131 | 280 | 175 | 10.5 | 40 | 10 | 95 | 53 | 35 |
| **140** | FIO 250/3 | CR 250/3 | **140** | FIO 250/2 | CR 250/2 | G 1 1/2 | 175 | 167 | 220 | 10.5 | 50 | 11 | 119 | 65 | 41 |
| **180** | FIO 325/3 | CR 325/3 | **180** | FIO 325/2 | CR 325/2 | G 1 1/2 | 175 | 238 | 220 | 10.5 | 50 | 11 | 119 | 65 | 41 |
| **180** | FIO 330/3 | CR 330/3 | **180** | FIO 330/2 | CR 330/2 | G 1 1/2 | 175 | 238 | 220 | 10.5 | 63.5 | 11 | 119 | 65 | 41 |
| **180** | FIO 330/3 | CR 330/3 | **180** | FIOF 330/2 | CR 330/2 | FLANGIA SAE 1 1/2 | 174 | 238 | 220 | 10.5 | 63.5 | 11 | 126 | 58 | 48.5 |
| **350** | FIO 500/3 | CR 500/3 | **350** | FIO 500/2 | CR 500/2 | G 2 | 175 | 238 | 220 | 10.5 | 63.5 | 11 | 119 | 65 | 41 |
| **400** | FIO 600/3 | CR 600/3 | **400** | FIO 600/2 | CR 600/2 | G 2 | 175 | 293 | 220 | 10.5 | 63.5 | 11 | 119 | 65 | 41 |
| **400** | FIO 600/3 | CR 600/3 | **400** | FIOF 600/2 | CR 600/2 | FLANGIA SAE 2 | 174 | 289 | 220 | 10.5 | 63.5 | 11 | 126 | 58 | 48.5 |
| **500** | FIO 800/3 | CR 800/3 | **500** | FIO 800/2 | CR 800/2 | G 2 | 175 | 441 | 220 | 10.5 | 63.5 | 11 | 119 | 65 | 41 |
| **500** | FIO 800/3 | CR 800/3 | **500** | FIOF 800/2 | CR 800/2 | FLANGIA SAE 2 | 174 | 437 | 220 | 10.5 | 63.5 | 11 | 126 | 58 | 48.5 |

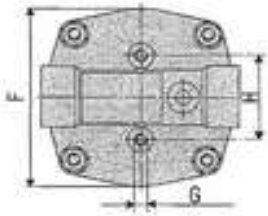



SIZE 200

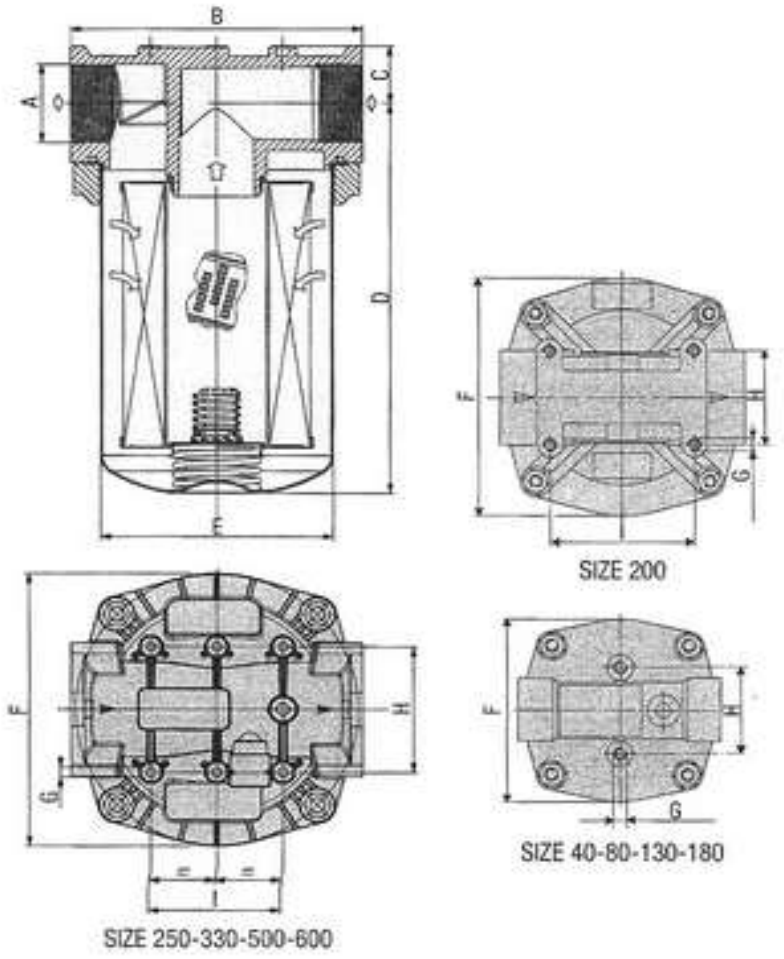



SIZE 250-330-500-600

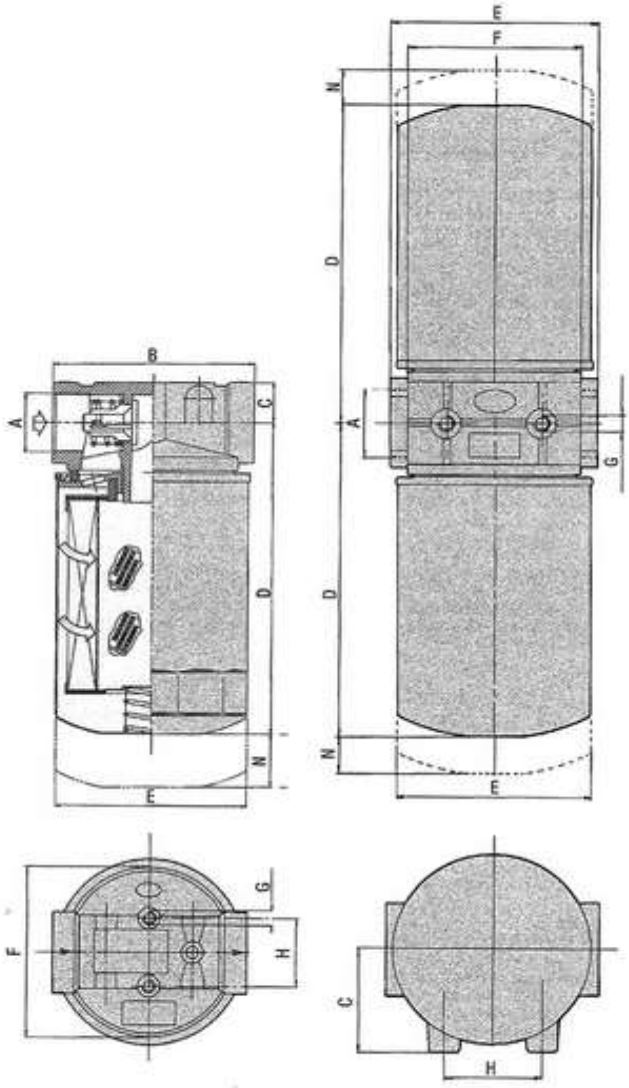



SIZE 40-80-130-180

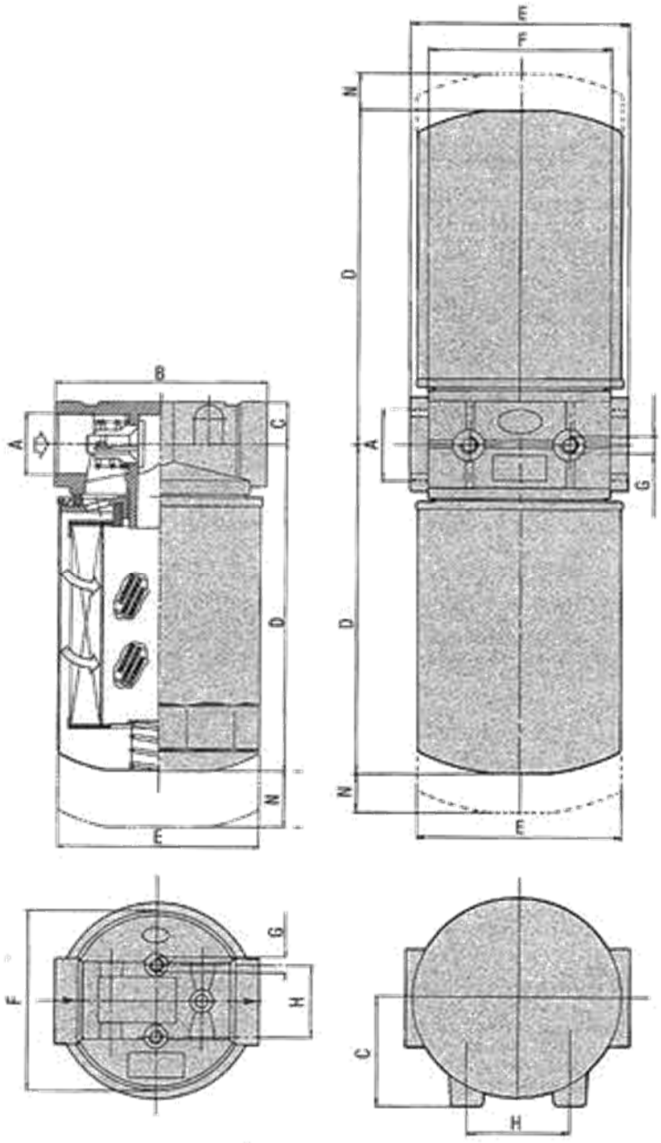
| RETE METALLICA | | | | | | DIMENSIONI | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 90 MICRON | | | 60 MICRON | | | mm | | | | | | | | |
| SIZE | FILTRO COMP. | CARTUCCIA | SIZE | FILTRO COMPL. | CARTUCCIA | A | B | C | D | E | F | G | H | I |
| **40** | FLS 50 | CR 50 | **40** | FLS 50/6 | CR 50/6 | G 1/2 | 120 | 21 | 139 | 90 | 116 | M8 | 54 | |
| **80** | FLS 100 | CR 100 | **80** | FLS 100/6 | CR 100/6 | G 3/4 | 120 | 24 | 193 | 90 | 116 | M8 | 54 | |
| **130** | FLS 150 | CR 125 | **130** | FLS 150/6 | CR 125/6 | G 1 | 140 | 31 | 250 | 110 | 135 | M8 | 68 | |
| **180** | FLS 180 | CR 180 | **180** | FLS 180/6 | CR 180/6 | G 1 1/4 | 140 | 31 | 284 | 110 | 135 | M8 | 68 | |
| **250** | FLS 250 | CR 220 | **250** | FLS 250/6 | CR 220/6 | G 1 1/2 | 212 | 44 | 224 | 170 | 208 | M8 | 96 | 96 |
| **330** | FLS 330 | CR 330 | **330** | FLS 330/6 | CR 330/6 | G 1 1/2 | 212 | 44 | 294 | 170 | 208 | M8 | 96 | 96 |
| **500** | FLS 500 | CR 500 | **500** | FLS 500/3 | CR 500/6 | G 2 | 212 | 44 | 294 | 170 | 208 | M8 | 96 | 96 |
| **250** | FLS 250 | CR 220 | **250** | FLSF 250/6 | CR 220/6 | FLANGIA SAE 1 1/2 | 212 | 44 | 224 | 170 | 208 | M8 | 96 | 96 |
| **330** | FLS 330 | CR 330 | **330** | FLSF 330/6 | CR 330/6 | FLANGIA SAE 1 1/2 | 212 | 44 | 294 | 170 | 208 | M8 | 96 | 96 |
| **500** | FLS 500 | CR 500 | **500** | FLSF 500/6 | CR 500/6 | FLANGIA SAE 2 | 212 | 44 | 294 | 170 | 208 | M8 | 96 | 96 |
| **600** | FLS 800 | CR 800 | **600** | FLSF 800/6 | CR 800/6 | FLANGIA SAE 2 | 212 | 44 | 505 | 170 | 208 | M8 | 96 | 96 |
| **200** | FLS 200 | CL 200 | **200** | FLS 200/6 | CL 200/6 | G 1 1/4 | 152 | 30 | 237 | 124 | 152.0 | M8 | 60 | 90 |



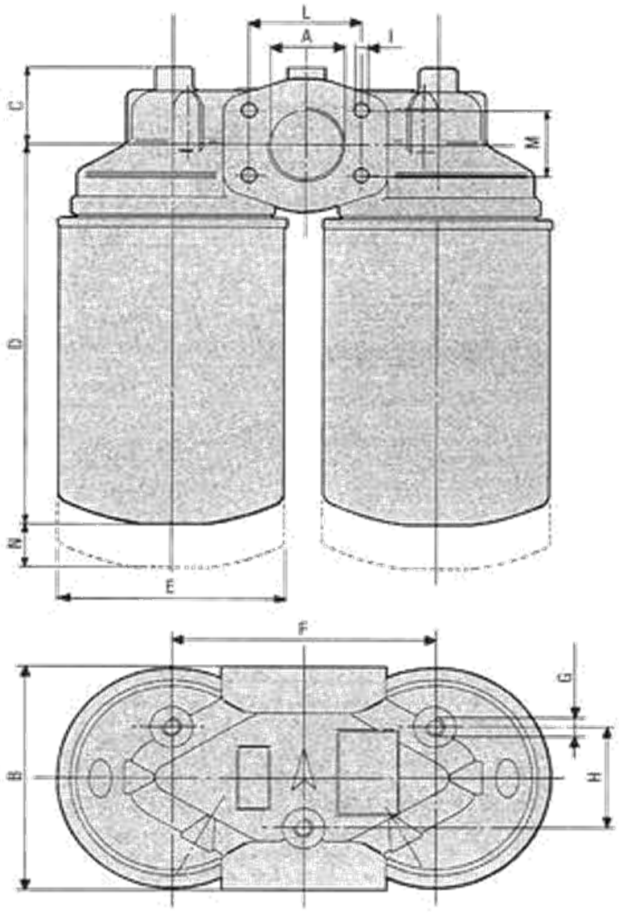

| MICROCARTA | | | | | | DIMENSIONI | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 30 MICRON | | | 10 MICRON | | | mm | | | | | | | | |
| SIZE | FILTRO COMP. | CARTUCCIA | SIZE | FILTRO COMPL. | CARTUCCIA | A | B | C | D | E | F | G | H | I |
| **35** | FLS 50/3 | CR 50/3 | **35** | FLS 50/1 | CR 50/1 | G 1/2 | 120 | 21 | 139 | 90 | 116 | M8 | 54 | |
| **65** | FLS 100/3 | CR 100/3 | **65** | FLS 100/1 | CR 100/1 | G 3/4 | 120 | 24 | 193 | 90 | 116 | M8 | 54 | |
| **110** | FLS 150/3 | CR 125/3 | **110** | FLS 150/1 | CR 125/1 | G 1 | 140 | 31 | 250 | 110 | 135 | M8 | 68 | |
| **130** | FLS 180/3 | CR 180/3 | **130** | FLS 180/1 | CR 180/1 | G 1 1/4 | 140 | 31 | 284 | 110 | 135 | M8 | 68 | |
| **160** | FLS 250/3 | CR 220/3 | **160** | FLS 250/1 | CR 220/1 | G 1 1/2 | 212 | 44 | 224 | 170 | 208 | M8 | 96 | 96 |
| **220** | FLS 330/3 | CR 330/3 | **220** | FLS 330/1 | CR 330/1 | G 1 1/2 | 212 | 44 | 294 | 170 | 208 | M8 | 96 | 96 |
| **400** | FLS 500/3 | CR 500/3 | **400** | FLS 500/1 | CR 500/1 | G 2 | 212 | 44 | 294 | 170 | 208 | M8 | 96 | 96 |
| **160** | FLS 250/3 | CR 220/3 | **160** | FLSF 250/1 | CR 220/1 | FLANGIA SAE 1 1/2 | 212 | 44 | 224 | 170 | 208 | M8 | 96 | 96 |
| **220** | FLS 330/3 | CR 330/3 | **220** | FLSF 330/1 | CR 330/1 | FLANGIA SAE 1 1/2 | 212 | 44 | 294 | 170 | 208 | M8 | 96 | 96 |
| **400** | FLS 500/3 | CR 500/3 | **400** | FLSF 500/1 | CR 500/1 | FLANGIA SAE 2 | 212 | 44 | 294 | 170 | 208 | M8 | 96 | 96 |
| **500** | FLS 800/3 | CR 800/3 | **500** | FLSF 800/1 | CR 800/1 | FLANGIA SAE 2 | 212 | 44 | 505 | 170 | 208 | M8 | 96 | 96 |
| **140** | FLS 200/3 | CL 200/3 | **140** | FLS 200/1 | CL 200/1 | G 1 1/4 | 152 | 30 | 237 | 124 | 152.0 | M8 | 60 | 90 |



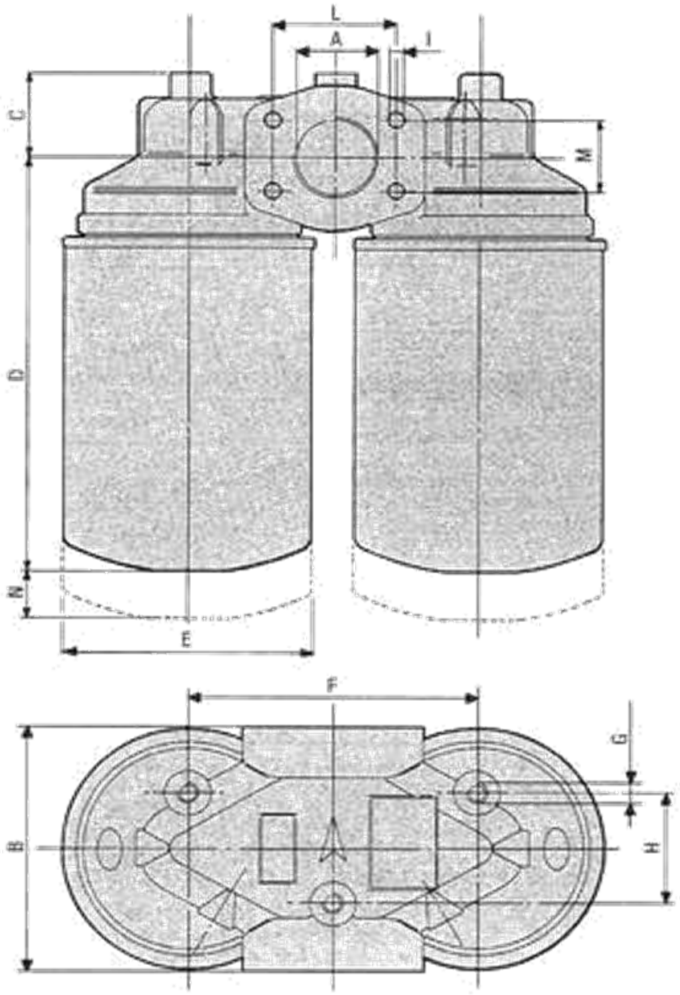

| RETE METALLICA | | | DIMENSIONI | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 60 MICRON | | | mm | | | | | | | | |
| SIZE | FILTRO COMP. | CARTUCCIA | A | B | C | D | E | F | G | H | I |
| 60 | FRCA 60/6 | CA 60/6 | G 3/4 | 95 | 19 | 172 | 96 | 75 | M8 | 38 | 20 |
| 80 | FRCA 80/6 | CA 80/6 | G 3/4 | 95 | 19 | 232 | 96 | 75 | M8 | 38 | 20 |
| 160 | FRCA 160/6 | CA 160/6 | G 1 1/4 | 132 | 28 | 215 | 126 | 112 | M8 | 50 | 24 |
| 200 | FRCA 200/6 | CA 200/6 | G 1 1/4 | 132 | 28 | 263 | 126 | 112 | M8 | 50 | 24 |
| 380 | FRCA 380/6 | CA 160/6 | G 1 1/2 | 138 | 70 | 218 | 126 | 112 | M10 | 65 | 24 |
| 400 | FRCA 400/6 | CA 200/6 | G 1 1/2 | 138 | 70 | 273 | 126 | 112 | M10 | 65 | 24 |



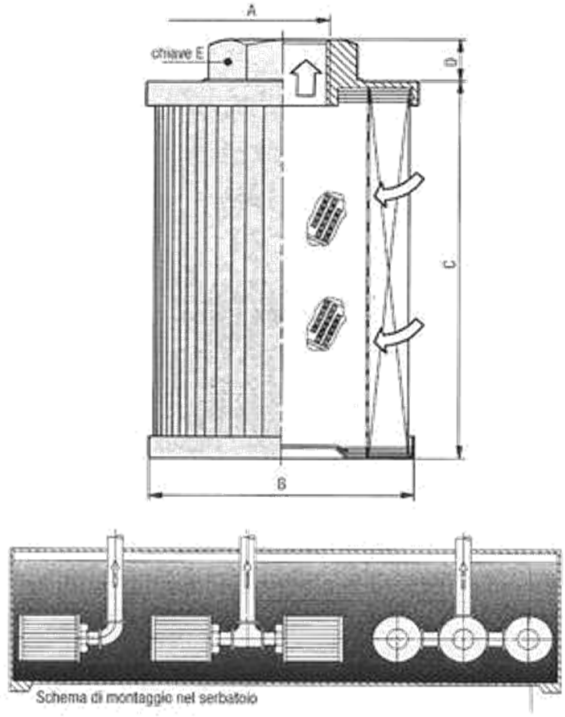

| MICROCARTA | | | | | | DIMENSIONI | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 30 MICRON | | | 10 MICRON | | | mm | | | | | | | | |
| SIZE | FILTRO COMP. | CARTUCCIA | SIZE | FILTRO COMPL. | CARTUCCIA | A | B | C | D | E | F | G | H | I |
| **60** | FRCA 60/3 | CA 60/3 | **50** | FRCA 60/1 | CA 60/1 | G 3/4 | 95 | 19 | 172 | 96 | 75 | M8 | 38 | 20 |
| **70** | FRCA 80/3 | CA 80/3 | **60** | FRCA 80/1 | CA 80/1 | G 3/4 | 95 | 19 | 232 | 96 | 75 | M8 | 38 | 20 |
| **150** | FRCA 160/3 | CA 160/3 | **140** | FRCA 160/1 | CA 160/1 | G 1 1/4 | 132 | 28 | 215 | 126 | 112 | M8 | 50 | 24 |
| **190** | FRCA 200/3 | CA 200/3 | **160** | FRCA 200/1 | CA 200/1 | G 1 1/4 | 132 | 28 | 263 | 126 | 112 | M8 | 50 | 24 |
| **340** | FRCA 380/3 | CA 160/3 | **300** | FRCA 380/1 | CA 160/1 | G 1 1/2 | 138 | 70 | 218 | 126 | 112 | M10 | 65 | 24 |
| **360** | FRCA 400/3 | CA 200/3 | **320** | FRCA 400/3 | CA 200/1 | G 1 1/2 | 138 | 70 | 273 | 126 | 112 | M10 | 65 | 24 |




| RETE METALLICA | | | DIMENSIONI | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 60 MICRON | | | mm | | | | | | | | | | | |
| SIZE | FILTRO COMP. | CARTUCCIA | A | B | C | D | E | F | G | H | I | L | M | N |
| **330** | FRCA 420/6 | CA 160/6 | G 1 1/2 | 130 | 47 | 225 | 126 | 150 | M10 | 60 | | | | 24 |
| **340** | FRCA 450/6 | CA 200/6 | G 1 1/2 | 130 | 47 | 280 | 126 | 150 | M10 | 60 | | | | 24 |
| **330** | FRCA 420/6 | CA 160/6 | FLANGIA SAE 1 1/2 | 130 | 47 | 225 | 126 | 150 | M10 | 60 | M12 | 70 | 36 | 24 |
| **340** | FRCA 450/6 | CA 200/6 | FLANGIA SAE 1 1/2 | 130 | 47 | 280 | 126 | 150 | M10 | 60 | M12 | 70 | 36 | 24 |

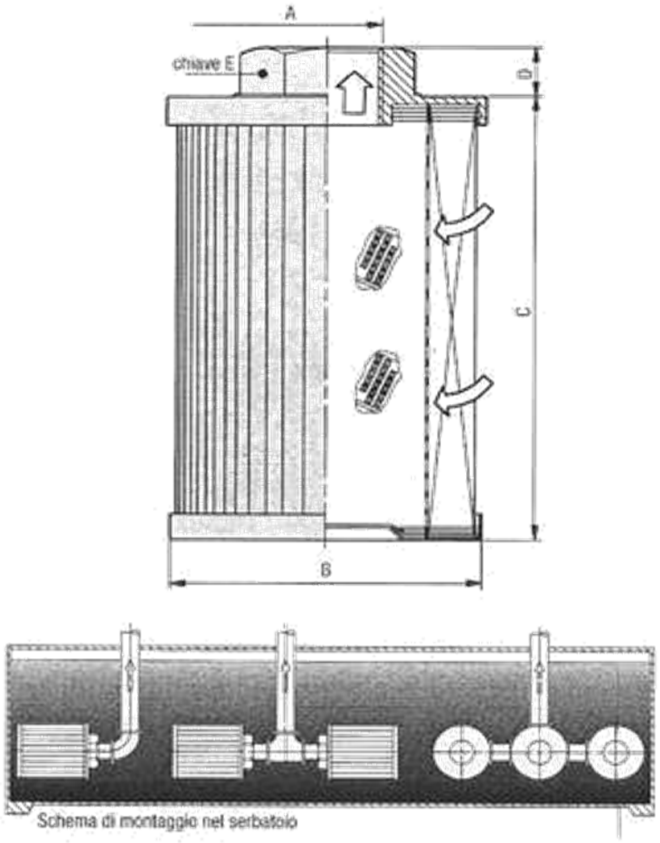



| SYNTEQ | | | | | | DIMENSIONI | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25 MICRON | | | 10 MICRON | | | mm | | | | | | | | | | | |
| SIZE | FILTRO COMP. | CART. | SIZE | FILTRO COMP. | CART. | A | B | C | D | E | F | G | H | I | L | M | N |
| **250** | FRCA 420/3 | CA 160/3 | **250** | FRCA 420/02 | CA 160/02 | G 1 1/2 | 130 | 47 | 225 | 126 | 150 | M10 | 60 | | | | 24 |
| **260** | FRCA 450/3 | CA 200/3 | **260** | FRCA 450/02 | CA 200/02 | G 1 1/2 | 130 | 47 | 280 | 126 | 150 | M10 | 60 | | | | 24 |
| **250** | FRCA 420/3 | CA 160/3 | **250** | FRCA 420/02 | CA 160/02 | FLANGIA SAE 1 1/2 | 130 | 47 | 225 | 126 | 150 | M10 | 60 | M12 | 70 | 36 | 24 |
| **260** | FRCA 450/3 | CA 200/3 | **260** | FRCA 450/02 | CA 200/02 | FLANGIA SAE 1 1/2 | 130 | 47 | 280 | 126 | 150 | M10 | 60 | M12 | 70 | 36 | 24 |

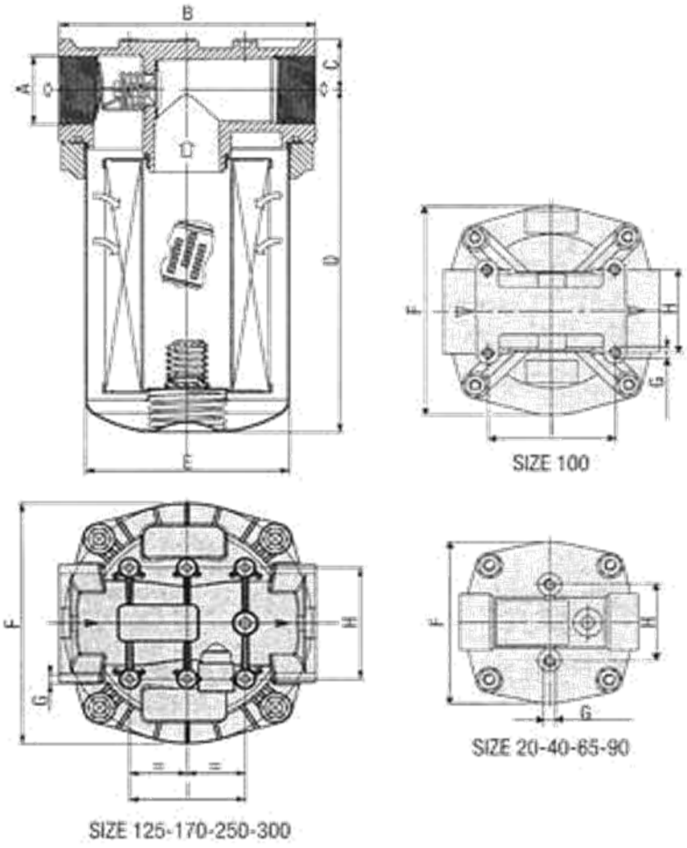



Schema di montaggio nel serbatoio

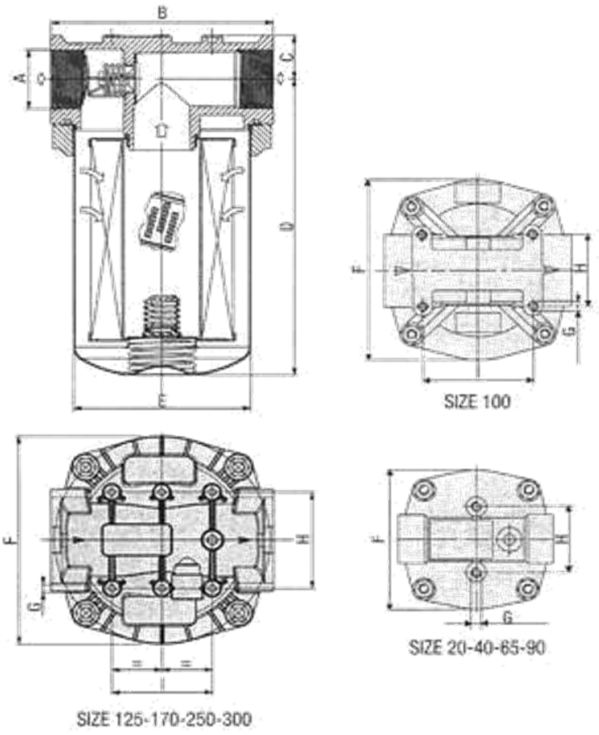
| RETE METALLICA | | | | | | DIMENSIONI | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 250 MICRON | | 90 MICRON | | 60 MICRON | | mm | | | | |
| SIZE | FILTRO COMP. | SIZE | FILTRO COMPL. | SIZE | FILTRO COMPL. | A | B | C | D | E |
| **10** | FIOA 20/250 | **10** | FIOA 20 | **10** | FIOA 20/6 | G 3/8 | 52 | 68 | 9 | 22 |
| **17** | FIOA 35/250 | **17** | FIOA 35 | **17** | FIOA 35/6 | G 1/2 | 69 | 76 | 12 | 27 |
| **25** | FIOA 50/250 | **25** | FIOA 50 | **25** | FIOA 50/6 | G 3/4 | 75 | 83 | 12 | 36 |
| **43** | FIOA 85/250 | **43** | FIOA 85 | **43** | FIOA 85/6 | G 1 | 95 | 83 | 14 | 46 |
| **45** | FIOA 90/250 | **45** | FIOA 90 | **45** | FIOA 90/6 | G 1 | 75 | 131 | 10 | 46 |
| **65** | FIOA 130/250 | **65** | FIOA 130 | **65** | FIOA 130/6 | G 1 1/4 | 95 | 172 | 12 | 60 |
| **85** | FIOA 175/250 | **85** | FIOA 175 | **85** | FIOA 175/6 | G 1 1/2 | 140 | 98 | 15 | 60 |
| **90** | FIOA 180/250 | **90** | FIOA 180 | **90** | FIOA 180/6 | G 1 1/2 | 95 | 205 | 12 | 60 |
| **110** | FIOA 220/250 | **110** | FIOA 220 | **110** | FIOA 220/6 | G 2 | 101 | 205 | 14 | 80 |
| **116** | FIOA 230/250 | **116** | FIOA 230 | **116** | FIOA 230/6 | G 2 | 140 | 138 | 15 | 80 |
| **186** | FIOA 360/250 | **186** | FIOA 360 | **186** | FIOA 360/6 | G 2 | 140 | 205 | 15 | 80 |
| **250** | FIOA 500/250 | **250** | FIOA 500 | **250** | FIOA 500/6 | G 2 | 140 | 301 | 15 | 80 |
| **300** | FIOA 600/250 | **300** | FIOA 600 | **300** | FIOA 600/6 | G 2 1/2 | 140 | 301 | 16 | 106 |
| **400** | FIOA 800/250 | **400** | FIOA 800 | **400** | FIOA 800/6 | G 3 | 140 | 301 | 16 | 106 |



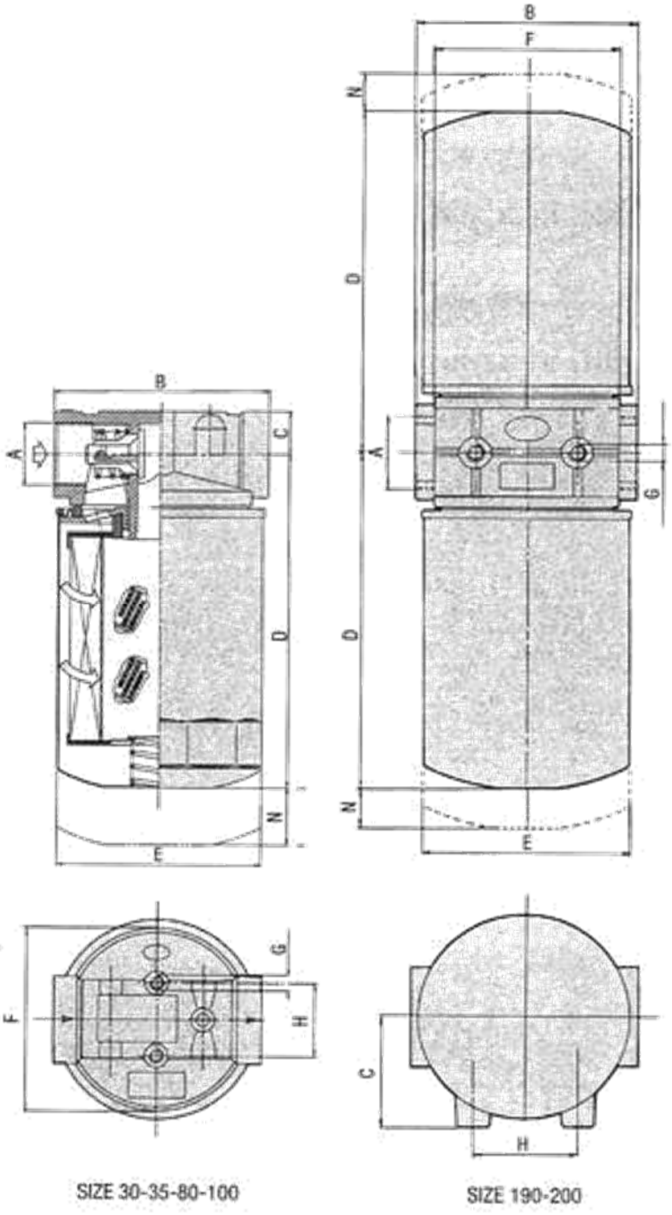

| MICROCARTA | | DIMENSIONI | | | | |
|---|---|---|---|---|---|---|
| 30 MICRON | | mm | | | | |
| SIZE | FILTRO COMP. | A | B | C | D | E |
| 5 | FIOA 20/3 | G 3/8 | 52 | 68 | 9 | 22 |
| 9 | FIOA 35/3 | G 1/2 | 69 | 76 | 12 | 27 |
| 13 | FIOA 50/3 | G 3/4 | 75 | 83 | 12 | 36 |
| 20 | FIOA 85/3 | G 1 | 95 | 83 | 14 | 46 |
| 25 | FIOA 90/3 | G 1 | 75 | 131 | 10 | 46 |
| 35 | FIOA 130/3 | G 1 1/4 | 95 | 172 | 12 | 60 |
| 45 | FIOA 175/3 | G 1 1/2 | 140 | 98 | 15 | 60 |
| 50 | FIOA 180/3 | G 1 1/2 | 95 | 205 | 12 | 60 |
| 55 | FIOA 220/3 | G 2 | 101 | 205 | 14 | 80 |
| 60 | FIOA 230/3 | G 2 | 140 | 138 | 15 | 80 |
| 90 | FIOA 360/3 | G 2 | 140 | 205 | 15 | 80 |
| 120 | FIOA 500/3 | G 2 | 140 | 301 | 15 | 80 |
| 150 | FIOA 600/3 | G 2 1/2 | 140 | 301 | 16 | 106 |
| 200 | FIOA 800/3 | G 3 | 140 | 301 | 16 | 106 |




| RETE METALLICA | | | | | | DIMENSIONI | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 90 MICRON | | | 60 MICRON | | | mm | | | | | | | | |
| SIZE | FILTRO COMP. | CARTUCCIA | SIZE | FILTRO COMPL. | CARTUCCIA | A | B | C | D | E | F | G | H | I |
| **20** | FLA 50 | CR 50 | **20** | FLA 50/6 | CR 50/6 | G 1/2 | 120 | 21 | 139 | 90 | 116 | M8 | 54 | |
| **40** | FLA 100 | CR 100 | **40** | FLA 100/6 | CR 100/6 | G 3/4 | 120 | 24 | 193 | 90 | 116 | M8 | 54 | |
| **65** | FLA 150 | CR 125 | **65** | FLA 150/6 | CR 125/6 | G 1 | 140 | 31 | 250 | 110 | 135 | M8 | 68 | |
| **90** | FLA 180 | CR 180 | **90** | FLA 180/6 | CR 180/6 | G 1 1/4 | 140 | 31 | 284 | 110 | 135 | M8 | 68 | |
| **125** | FLA 250 | CR 220 | **125** | FLA 250/6 | CR 220/6 | G 1 1/2 | 212 | 44 | 224 | 170 | 208 | M8 | 96 | 96 |
| **170** | FLA 330 | CR 330 | **170** | FLA 330/6 | CR 330/6 | G 1 1/2 | 212 | 44 | 294 | 170 | 208 | M8 | 96 | 96 |
| **250** | FLA 500 | CR 500 | **250** | FLA 500/3 | CR 500/6 | G 2 | 212 | 44 | 294 | 170 | 208 | M8 | 96 | 96 |
| **125** | FLAF 250 | CR 220 | **125** | FLAF 250/6 | CR 220/6 | FLANGIA SAE 1 1/2 | 212 | 44 | 224 | 170 | 208 | M8 | 96 | 96 |
| **170** | FLAF 330 | CR 330 | **170** | FLAF 330/6 | CR 330/6 | FLANGIA SAE 1 1/2 | 212 | 44 | 294 | 170 | 208 | M8 | 96 | 96 |
| **250** | FLAF 500 | CR 500 | **250** | FLAF 500/6 | CR 500/6 | FLANGIA SAE 2 | 212 | 44 | 294 | 170 | 208 | M8 | 96 | 96 |
| **300** | FLAF 800 | CR 800 | **300** | FLAF 800/6 | CR 800/6 | FLANGIA SAE 2 | 212 | 44 | 505 | 170 | 208 | M8 | 96 | 96 |
| **100** | FLA 200 | CL 200 | **100** | FLA 200/6 | CL 200/6 | G 1 1/4 | 152 | 30 | 237 | 124 | 152.0 | M8 | 60 | 90 |

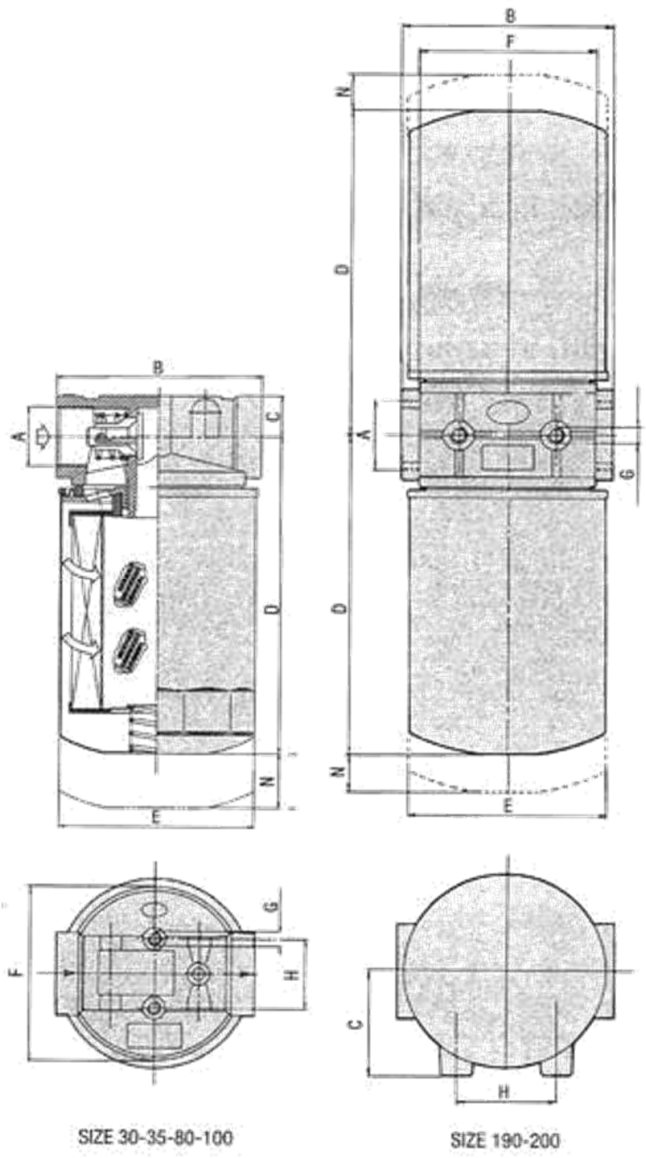



| MICROCARTA | | | | | | DIMENSIONI | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 30 MICRON | | | 10 MICRON | | | mm | | | | | | | | |
| SIZE | FILTRO COMP. | CARTUCCIA | SIZE | FILTRO COMPL. | CARTUCCIA | A | B | C | D | E | F | G | H | I |
| **15** | FLA 50/03 | CR 50/03 | **15** | FLA 50/01 | CR 50/01 | G 1/2 | 120 | 21 | 139 | 90 | 116 | M8 | 54 | |
| **30** | FLA100/03 | CR 100/03 | **30** | FLA 100/01 | CR 100/01 | G 3/4 | 120 | 24 | 193 | 90 | 116 | M8 | 54 | |
| **55** | FLA 150/03 | CR 125/03 | **55** | FLA 150/01 | CR 125/01 | G 1 | 140 | 31 | 250 | 110 | 135 | M8 | 68 | |
| **60** | FLA 180/03 | CR 180/03 | **60** | FLA 180/01 | CR 180/01 | G 1 1/4 | 140 | 31 | 284 | 110 | 135 | M8 | 68 | |
| **80** | FLA 250/03 | CR 220/03 | **80** | FLA 250/01 | CR 220/01 | G 1 1/2 | 212 | 44 | 224 | 170 | 208 | M8 | 96 | 96 |
| **110** | FLA 330/03 | CR 330/03 | **110** | FLA 330/01 | CR 330/01 | G 1 1/2 | 212 | 44 | 294 | 170 | 208 | M8 | 96 | 96 |
| **200** | FLA 500/03 | CR 500/03 | **200** | FLA 500/01 | CR 500/01 | G 2 | 212 | 44 | 294 | 170 | 208 | M8 | 96 | 96 |
| **80** | FLAF 250/03 | CR 220/03 | **80** | FLAF 250/01 | CR 220/01 | FLANGIA SAE 1 1/2 | 212 | 44 | 224 | 170 | 208 | M8 | 96 | 96 |
| **110** | FLAF 330/03 | CR 330/03 | **110** | FLAF 330/01 | CR 330/01 | FLANGIA SAE 1 1/2 | 212 | 44 | 294 | 170 | 208 | M8 | 96 | 96 |
| **200** | FLAF 500/03 | CR 500/03 | **200** | FLAF 500/01 | CR 500/01 | FLANGIA SAE 2 | 212 | 44 | 294 | 170 | 208 | M8 | 96 | 96 |
| **250** | FLAF 800/03 | CR 800/03 | **250** | FLAF 800/01 | CR 800/01 | FLANGIA SAE 2 | 212 | 44 | 505 | 170 | 208 | M8 | 96 | 96 |
| **70** | FLAF 200/03 | CL 200/03 | **70** | FLA 200/01 | CL 200/01 | G 1 1/4 | 152 | 30 | 237 | 124 | 152.0 | M8 | 60 | 90 |

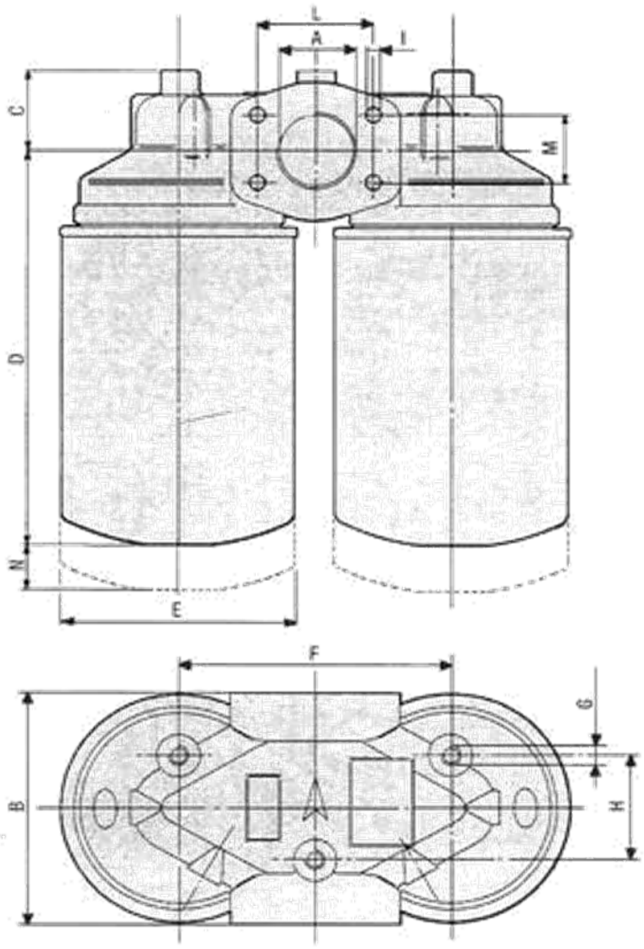



SIZE 30-35-80-100 SIZE 190-200

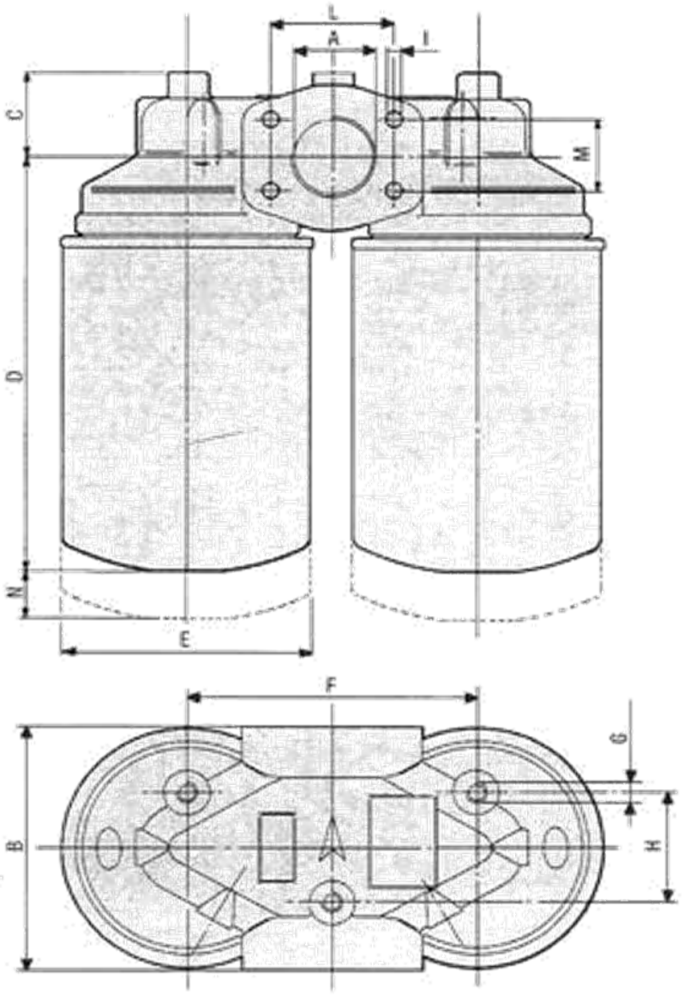
| RETE METALLICA | | | DIMENSIONI | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 60 MICRON | | | mm | | | | | | | | |
| SIZE | FILTRO COMP. | CARTUCCIA | A | B | C | D | E | F | G | H | I |
| **30** | FACA 60/6 | CA 60/6 | G 3/4 | 95 | 19 | 172 | 96 | 75 | M8 | 38 | 20 |
| **35** | FACA 80/6 | CA 80/6 | G 3/4 | 95 | 19 | 232 | 96 | 75 | M8 | 38 | 20 |
| **80** | FACA 160/6 | CA 160/6 | G 1 1/4 | 132 | 28 | 215 | 126 | 112 | M8 | 50 | 24 |
| **100** | FACA 200/6 | CA 200/6 | G 1 1/4 | 132 | 28 | 263 | 126 | 112 | M8 | 50 | 24 |
| **190** | FACA 380/6 | CA 160/6 | G 1 1/2 | 138 | 70 | 218 | 126 | 112 | M10 | 65 | 24 |
| **200** | FACA 400/6 | CA 200/6 | G 1 1/2 | 138 | 70 | 273 | 126 | 112 | M10 | 65 | 24 |



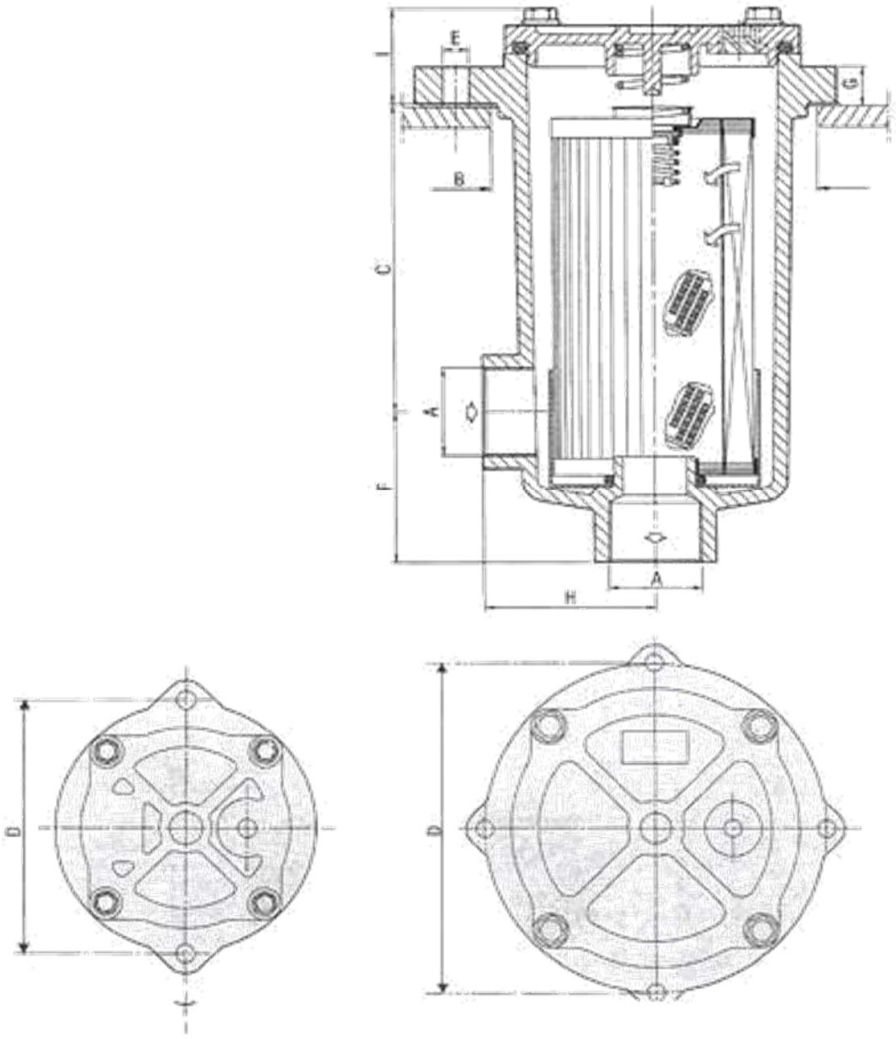

| SYNTEQ | | | | | | DIMENSIONI | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25 MICRON | | | 10 MICRON | | | mm | | | | | | | | |
| SIZE | FILTRO COMP. | CARTUCCIA | SIZE | FILTRO COMPL. | CARTUCCIA | A | B | C | D | E | F | G | H | I |
| **15** | FACA 60/3 | CA 60/3 | **15** | FACA 60/2 | CA 60/02 | G 3/4 | 95 | 19 | 172 | 96 | 75 | M8 | 38 | 20 |
| **20** | FACA 80/3 | CA 80/3 | **20** | FACA 80/2 | CA 80/02 | G 3/4 | 95 | 19 | 232 | 96 | 75 | M8 | 38 | 20 |
| **60** | FACA 160/3 | CA 160/3 | **60** | FACA 160/2 | CA 160/02 | G 1 1/4 | 132 | 28 | 215 | 126 | 112 | M8 | 50 | 24 |
| **80** | FACA 200/3 | CA 200/3 | **80** | FACA 200/2 | CA 200/02 | G 1 1/4 | 132 | 28 | 263 | 126 | 112 | M8 | 50 | 24 |
| **150** | FACA 380/3 | CA 160/3 | **150** | FACA 380/2 | CA 160/02 | G 1 1/2 | 138 | 70 | 218 | 126 | 112 | M10 | 65 | 24 |
| **160** | FACA 400/3 | CA 200/3 | **160** | FACA 400/2 | CA 200/02 | G 1 1/2 | 138 | 70 | 273 | 126 | 112 | M10 | 65 | 24 |



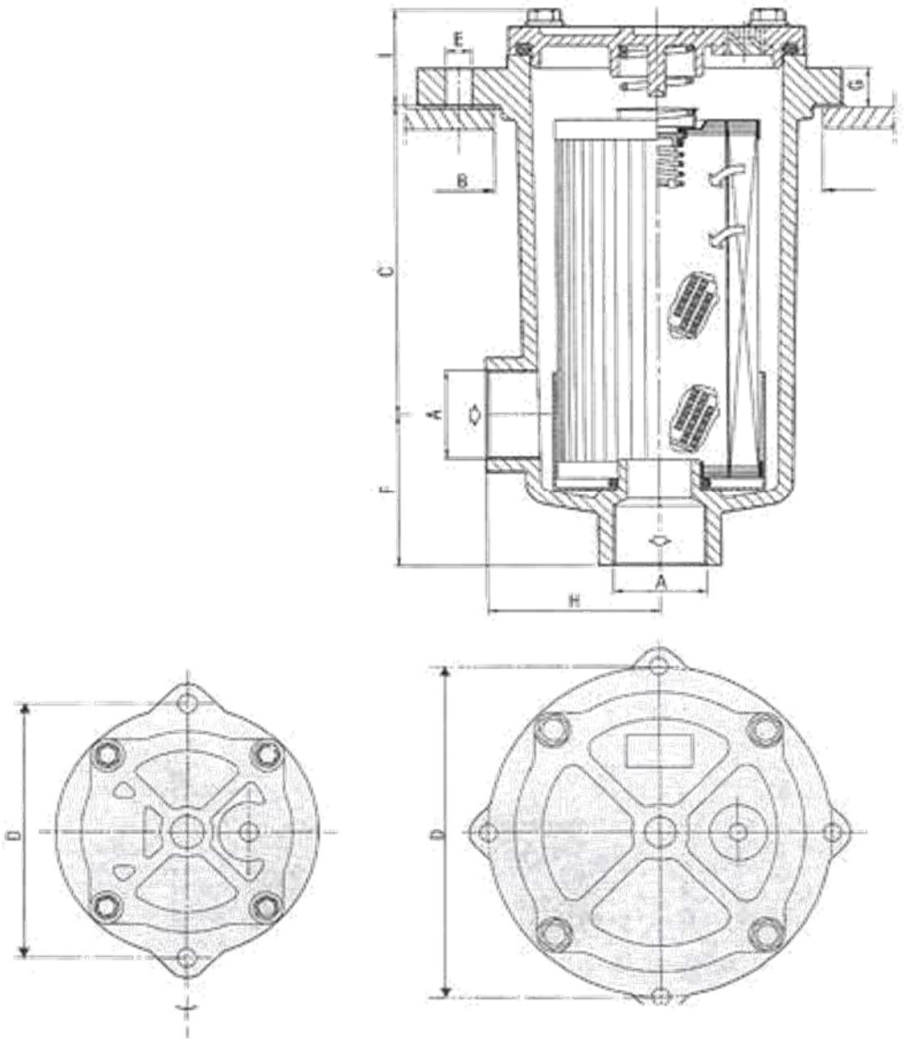

| RETE METALLICA | | | DIMENSIONI | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 60 MICRON | | | mm | | | | | | | | | | | |
| SIZE | FILTRO COMP. | CARTUCCIA | A | B | C | D | E | F | G | H | I | L | M | N |
| 190 | FACA 420/6 | CA 160/6 | G 1 1/2 | 130 | 47 | 225 | 126 | 150 | M10 | 60 | | | | 24 |
| 200 | FACA 450/6 | CA 200/6 | G 1 1/2 | 130 | 47 | 280 | 126 | 150 | M10 | 60 | | | | 24 |
| 190 | FACA 420/6 | CA 160/6 | FLANGIA SAE 1 1/2 | 130 | 47 | 225 | 126 | 150 | M10 | 60 | M12 | 70 | 36 | 24 |
| 200 | FACA 450/6 | CA 200/6 | FLANGIA SAE 1 1/2 | 130 | 47 | 280 | 126 | 150 | M10 | 60 | M12 | 70 | 36 | 24 |



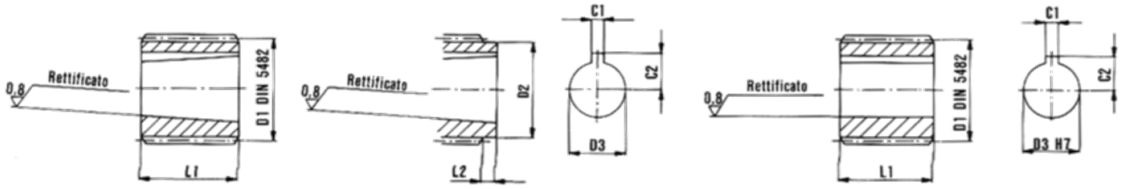

| SYNTEQ | | | | | | DIMENSIONI | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25 MICRON | | | 10 MICRON | | | mm | | | | | | | | | | | |
| SIZE | FILTRO COMP. | CART. | SIZE | FILTRO COMP. | CART. | A | B | C | D | E | F | G | H | I | L | M | N |
| 150 | FACA 420/03 | CA 160/03 | 150 | FACA 420/02 | CA 160/02 | G 1 1/2 | 130 | 47 | 225 | 126 | 150 | M10 | 60 | | | | 24 |
| 160 | FACA 450/03 | CA 200/03 | 160 | FACA 450/02 | CA 200/02 | G 1 1/2 | 130 | 47 | 280 | 126 | 150 | M10 | 60 | | | | 24 |
| 150 | FACA 420/03 | CA 160/03 | 150 | FACA 420/02 | CA 160/02 | FLANGIA SAE 1 1/2 | 130 | 47 | 225 | 126 | 150 | M10 | 60 | M12 | 70 | 36 | 24 |
| 160 | FACA 450/03 | CA 200/03 | 160 | FACA 450/02 | CA 200/02 | FLANGIA SAE 1 1/2 | 130 | 47 | 280 | 126 | 150 | M10 | 60 | M12 | 70 | 36 | 24 |



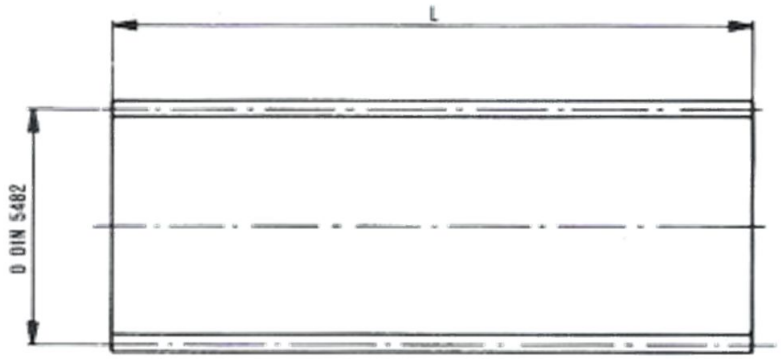

| RETE METALLICA | | | | | | DIMENSIONI | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 90 MICRON | | | 60 MICRON | | | mm | | | | | | | | |
| SIZE | FILTRO COMP. | CARTUCCIA | SIZE | FILTRO COMPL. | CARTUCCIA | A | B | C | D | E | F | G | H | I |
| **15** | FIR 30 | CR 30 | **15** | FIR 30/6 | CR 30/6 | G 1/2 | 88 | 61 | 100 | 7 | 40 | 11 | 49 | 29 |
| **30** | FIR 60 | CR 60 | **30** | FIR 60/6 | CR 60/6 | G 3/4 | 110 | 68 | 126 | 9 | 52 | 14 | 59 | 36 |
| **50** | FIR 100 | CR 100 | **50** | FIR 100/6 | CR 100/6 | G 1 | 110 | 110 | 126 | 9 | 54 | 14 | 59 | 36 |
| **90** | FIR 180 | CR 180 | **90** | FIR 180/6 | CR 180/6 | G 1 1/4 | 156 | 176 | 175 | 9 | 63 | 18 | 83 | 48 |
| **170** | FIR 330 | CR 330 | **170** | FIR 330/6 | CR 330/6 | G 1 1/2 | 204 | 174 | 220 | 9 | 71 | 20 | 108 | 53 |
| **250** | FIR 500 | CR 500 | **250** | FIR 500/6 | CR 500/6 | G 2 | 204 | 168 | 220 | 9 | 78 | 20 | 108 | 53 |



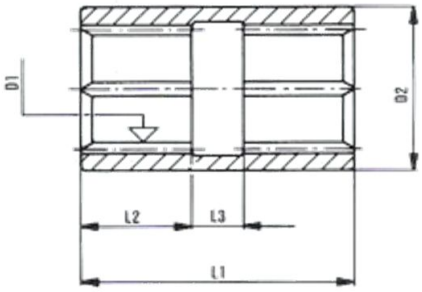

| SYNTEQ | | | | | | DIMENSIONI | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25 MICRON | | | 10 MICRON | | | mm | | | | | | | | |
| SIZE | FILTRO COMP. | CARTUCCIA | SIZE | FILTRO COMPL. | CARTUCCIA | A | B | C | D | E | F | G | H | I |
| **8** | FIR 30/03 | CR 30/03 | **8** | FIR 30/02 | CR 30/02 | G 1/2 | 88 | 61 | 100 | 7 | 40 | 11 | 49 | 29 |
| **15** | FIR 60/03 | CR 60/03 | **15** | FIR 60/02 | CR 60/02 | G 3/4 | 110 | 68 | 126 | 9 | 52 | 14 | 59 | 36 |
| **30** | FIR 100/03 | CR 100/03 | **30** | FIR 100/02 | CR 100/02 | G 1 | 110 | 110 | 126 | 9 | 54 | 14 | 59 | 36 |
| **55** | FIR 180/03 | CR 180/03 | **55** | FIR 180/02 | CR 180/02 | G 1 1/4 | 156 | 176 | 175 | 9 | 63 | 18 | 83 | 48 |
| **90** | FIR 330/03 | CR 330/03 | **90** | FIR 330/02 | CR 330/02 | G 1 1/2 | 204 | 174 | 220 | 9 | 71 | 20 | 108 | 53 |
| **180** | FIR 500/03 | CR 500/03 | **180** | FIR 500/02 | CR 500/02 | G 2 | 204 | 168 | 220 | 9 | 78 | 20 | 108 | 53 |

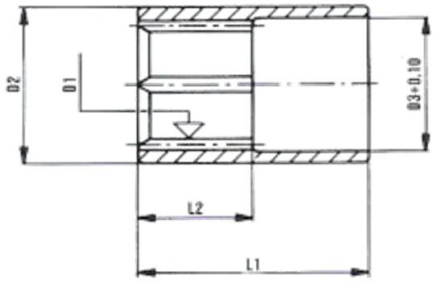



| RIFERIMENTO POMPE | SIGLA | MATRICOLA | D1 | N° DENTI | D2 | D3 | | L1 | L2 | C1 | C2 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 5 | BF1/05 | 31000200 | 20x17 | 12 | | 6 | | 7 | | 2 | 4 |
| T05 | BF1/06 | 31000500 | | | | 7 | | 9 | | | 4.6 |
| 1 | BF1-1 | 31000400 | | | | 7.78 | 1:8 | 14.5 | | 2.4 | 5.8 |
| 1C | BF1C | 31000300 | | | | 12 | | 13.5 | | 3 | 7.5 |
| 1 | BF2/1-1 | 31001000 | 25x22 | 14 | | 7.78 | 1:8 | 14.5 | | 2.4 | 5.8 |
| 1C | BF2/1C | 31001500 | | | | 12 | | 13.5 | | 3 | 7.5 |
| 1M | BF2/1M | 31001200 | | | | 11.80 | 1:08 | 16 | | | 8.5 |
| 2 | BF2 | 31000700 | | | | 14.30 | | 22 | | 3,2 | 9,3 |
| 2T | BF2T | 31000800 | | | 21 | | | 22,5 | 2 | 4 | 9,1 |
| 2 | BF2Z15 | 31001900 | 28x25 | 15 | | | | 22 | | 3,2 | 9,7 |
| 2T | BF2TZ15 | 31002000 | | | | | | | | 4 | |
| 2 | BF2,5/2 | 31003300 | 32x28 | 17 | | | | | | 3,2 | |
| 2T | BF2,5/2T | 31003000 | | | | | | | | 4 | |
| 3 | BF2,5 | 31002300 | | | | 18.61 | | 26 | | | 11,6 |
| 2 | BF3/2 | 31003900 | 35x31 | 18 | | 14.30 | | 22 | | 3,2 | 9,7 |
| 2T | BF3/2T | 31004000 | | | | | | | | 4 | |
| 3 | BF3 | 31003500 | | | | 18.61 | | 26 | | | 12,5 |
| 2 | BF3,5/2 | 31005600 | 40x36 | 20 | | 14.30 | | 22 | | 3,2 | 9,7 |
| 2T | BF3,5/2T | 31006200 | | | | | | | | 4 | |
| 3 | BF3,5/3 | 31005800 | | | | 18.61 | | 26 | | | 12,5 |
| 3.5 | BF3,5 | 31005400 | | | | 21.08 | | 32 | | 4,8 | 15,1 |
| 2 | BF4/2 | 31007000 | 48x44 | 23 | | 14.30 | | 22 | | 3,2 | 9,7 |
| 2T | BF4/2T | 31007100 | | | | | | | | 4 | |
| 3 | BF4/3 | 31007200 | | | | 18.61 | | 26 | | | 12,5 |
| 3.5 | BF4/3,5 | 31007300 | | | | 21.08 | | 32 | | 4,8 | 15,1 |
| 4 | BF4 | 31006600 | | | | 27.61 | | 42 | | 6,4 | 18,7 |




| SIGLA | MATRICOLA | D DIN 5482 | N° DENTI | L (mm) |
|---|---|---|---|---|
| Cannello Z : 12 | 34101100 | 20x17 | 12 | 300 |
| Cannello Z : 14 | 34100200 | 25x22 | 14 | |
| Cannello Z : 15 | 34100300 | 28x25 | 15 | |
| Cannello Z : 17 | 34101300 | 32x28 | 17 | |
| Cannello Z : 18 | 34100400 | 35x31 | 18 | |
| Cannello Z : 20 | 34100500 | 40x36 | 20 | |
| Cannello Z : 23 | 34100700 | 48x44 | 23 | |
| Cannello Z : 24 | 34100800 | 50x45 | 24 | |
| Cannello Z : 27 | 34100900 | 58x53 | 27 | |
| Cannello Z : 33 | 34101000 | 72x66 | 33 | |
| Cannello Z : 36 | 34102300 | 80x74 | 36 | |
| Cannello Z : 44 | 34102400 | 100x94 | 44 | |

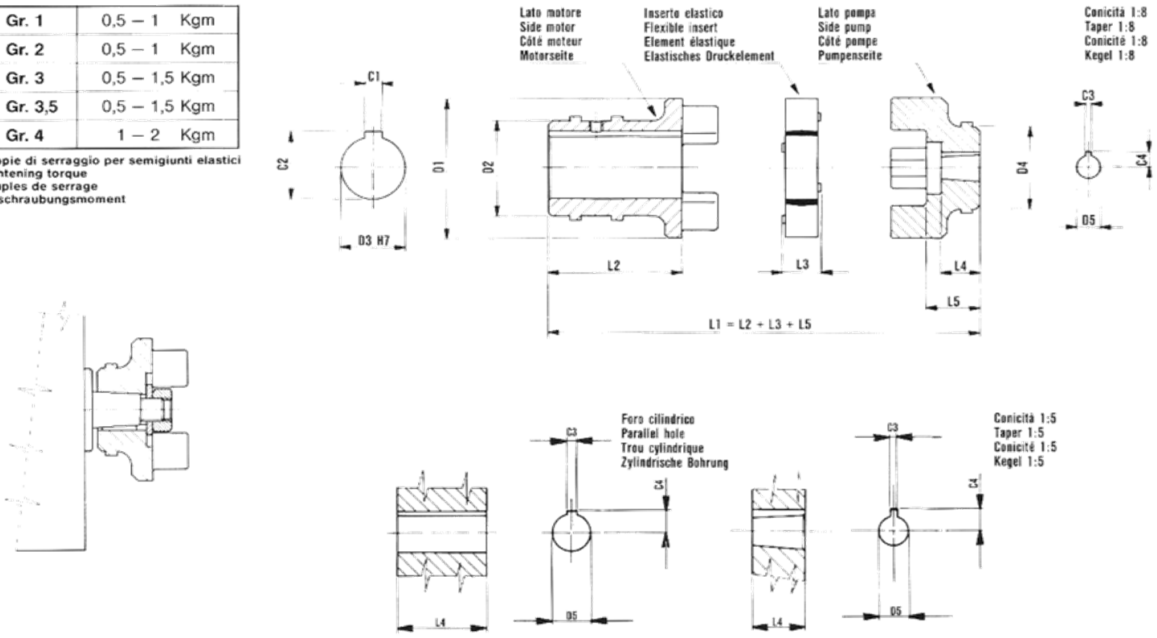


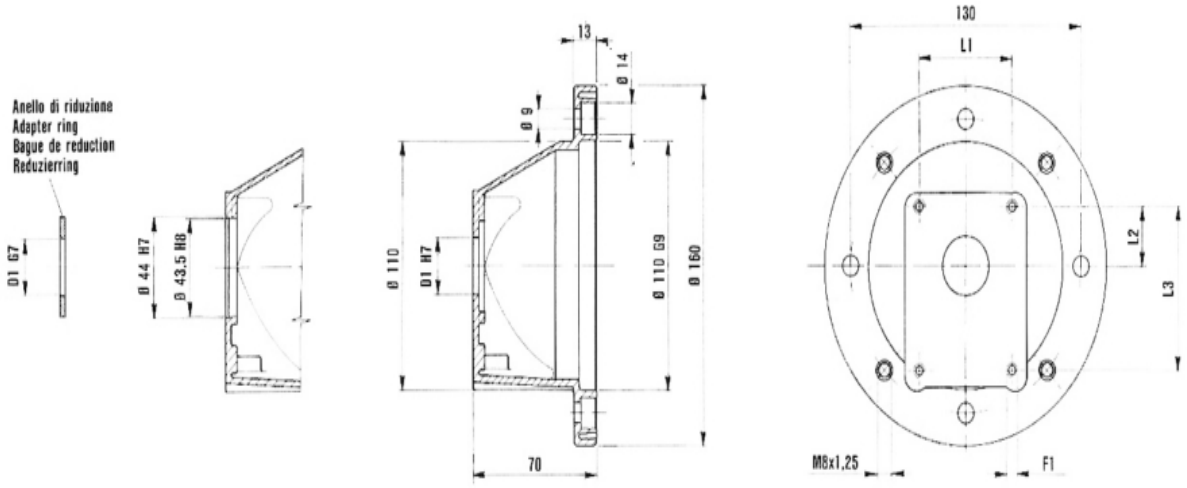

| SIGLA | MATRICOLA | D1 | N° DENTI | D2 | D3 | L1 | L2 | L3 |
|---|---|---|---|---|---|---|---|---|
| BFM1 | 31200500 | 20x17 | 12 | 25 | 20,5 | 50 | 25 | |
| BFM2 | 31200600 | 25x22 | 14 | 32 | 25,5 | 60 | 30 | |
| BFM2 doppio | 31200700 | | | | | | 20 | 20 |
| BFM2Z15 | 31201300 | 28x25 | 15 | 34 | 28,5 | | 30 | |
| BFM2,5 | 31200800 | 32x28 | 17 | 39 | 32,5 | | | |
| BFM3 | 31200900 | 35x31 | 18 | 42 | 35,5 | | | |
| BFM3 doppio | 31201000 | | | 44 | | 71 | 29,5 | 12 |
| BFM3,5 | 31201100 | 40x36 | 20 | 49,5 | 40,5 | 66 | 33 | |
| BFM4 | 31201200 | 48x44 | 23 | 62 | 48,5 | 90 | 42 | |

| | |
|---|---|
| Gr. 1 | 0,5 – 1 Kgm |
| Gr. 2 | 0,5 – 1 Kgm |
| Gr. 3 | 0,5 – 1,5 Kgm |
| Gr. 3,5 | 0,5 – 1,5 Kgm |
| Gr. 4 | 1 – 2 Kgm |

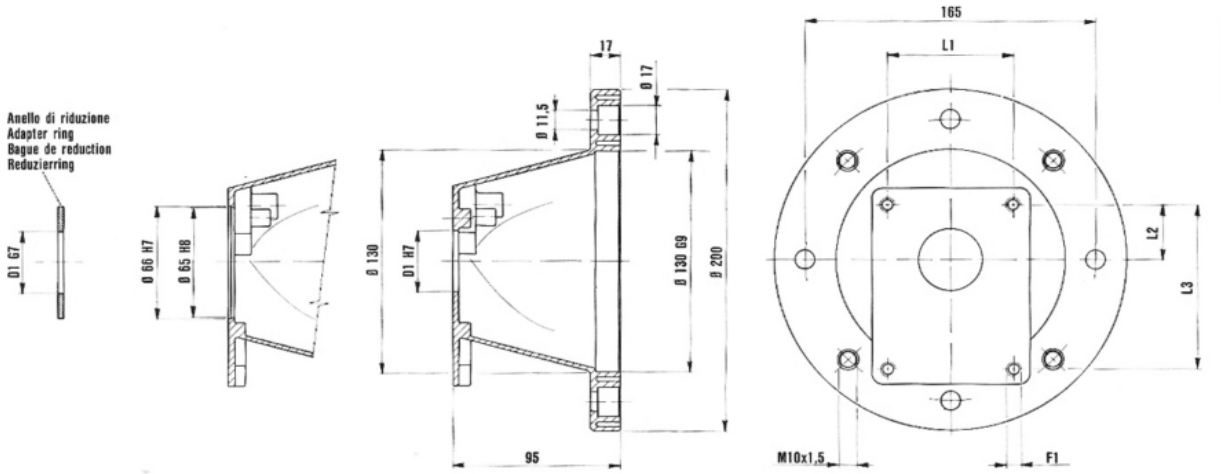
Coppie di serraggio per semigiunti elastici
Tightening torque
Couples de serrage
Verschraubungsmoment



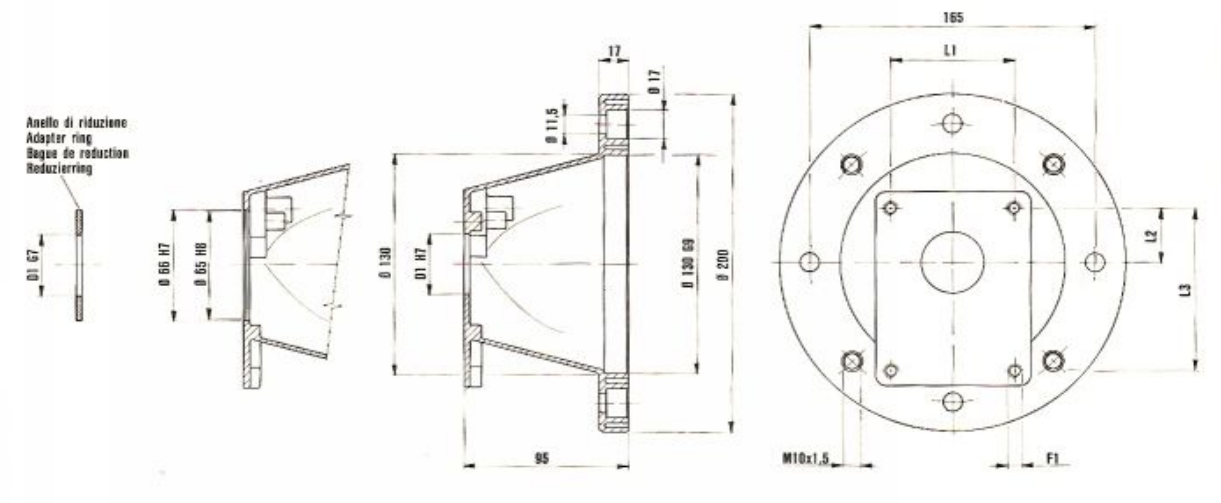

| RIF. | | GIUNTO | | | | SEMIGIUNTO LATO MOTORE | | | | | | INSERTO ELASTICO | | SEMIGIUNTO LATO POMPA | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | SIGLA | MATRICOLA | D1 | L1 | MATRICOLA | D2 | D3 | L2 | C1 | C2 | MATRICOLA | L3 | MATRICOLA | D4 | D5 | | L4 | L5 | C3 | C4 |
| 05 | 71 | HE1 | 10200001 | 43 | 65 | 31303200 | 29 | 14 | 29,5 | 5 | 16.1 | 39200300 | 16 | 31305300 | 20 | 6 | | 10 | 19,5 | 2 | 4 |
| T05 | | HE21 | 10200019 | | | | | | | | | | | 31305400 | | 7 | | | | | 4,6 |
| I | | HE21 | 10200002 | | 62 | | | | | | | | | 31303100 | 28 | 7,50 | 1:8 | 16,5 | 16,5 | 2,4 | 5,7 |
| IC | | HE3 | 10200003 | | 61.5 | | | | | | | | | 31305200 | | 12 | | 16 | 16 | 3 | 7,6 |
| IM | | HE4 | 10200004 | | 62 | | | | | | | | | 31305100 | | 11,87 | 1.8 | | | | 8,4 |
| ZBI | | HE101 | 10200044 | | | | | | | | | | | 31305000 | | 7,60 | 1:5 | 12 | 16,5 | 2 | 5,7 |
| 2 | | HE55 | 10200091 | 63 | 74.5 | 31323400 | 44 | 14 | 33,5 | 5 | 16.1 | 39200400 | 19 | 31301800 | 36 | 14,30 | 1:8 | 22 | 22 | 3,2 | 9,7 |
| 2T | | HE56 | 10200092 | | | | | | | | | | | 31302200 | | | | | | 4 | |
| 5 | 80 | HE5 | 10200005 | 43 | 81 | 31303300 | 36 | 19 | 45,5 | 6 | 21,6 | 39200300 | 16 | 31305300 | 20 | 6 | | 10 | 19,5 | 2 | 4 |
| T05 | | HE22 | 10200020 | | | | | | | | | | | 31305400 | | 7 | | | | | 4,6 |
| I | | HE6 | 10200006 | | 78 | | | | | | | | | 31303100 | 28 | 7,50 | 1:8 | 16,5 | 16,5 | 2,4 | 5,7 |
| IC | | HE7 | 10200007 | | 77.5 | | | | | | | | | 31305200 | | 12 | | 16 | 16 | 3 | 7,6 |
| IM | | HE8 | 10200008 | | 78 | | | | | | | | | 31305100 | | 11,87 | 1:8 | | | | 8,4 |
| ZBI | | HE103 | 10200045 | | | | | | | | | | | 31305000 | | 7,60 | 1:5 | 12 | 16,5 | 2 | 5,7 |
| I | | HE45 | 10200041 | 63 | 86.5 | 31302600 | 37 | 19 | 44,5 | 6 | 21,7 | 39200400 | 19 | 31301700 | 30 | 7,59 | 1:8 | 16 | 23 | 2,4 | 5,7 |
| IC | | HE44 | 10200040 | | | | | | | | | | | 31302300 | | 12 | | | | 3 | 7,6 |
| IM | | HE40 | 10200036 | | | | | | | | | | | 31301900 | | 11,80 | | | | | 8,5 |
| 2 | | HE46 | 10200042 | | 85.5 | | | | | | | | | 31301800 | 36 | 14,30 | 1:8 | 22 | 22 | 3,2 | 9,7 |
| 2T | | HE47 | 10200043 | | | | | | | | | | | 31302200 | | | | | | 4 | |
| ZF2 | | HE120 | 10200056 | | | | | | | | | | | 31302000 | | 12,50 | | | | 3 | 9,6 |
| ICB | | HE49 | 10200085 | | 86.5 | | | | | | | | | 31305800 | 30 | 10 | | 16 | 23 | | 6,6 |
| 2CB | | HE50 | 10200086 | | 85.5 | | | | | | | | | 31305900 | 36 | 16 | 1:5 | 22 | 22 | 4 | 9,6 |
| I | 90 | HE41 | 10200037 | 63 | 78 | 31302500 | 44 | 24 | 36 | 8 | 27,5 | 39200400 | 19 | 31301700 | 30 | 7,59 | 1:8 | 16 | 23 | 2,4 | 5,7 |
| IC | | HE42 | 10200038 | | | | | | | | | | | 31302300 | | 12 | | | | 3 | 7,6 |
| IM | | HE43 | 10200039 | | | | | | | | | | | 31301900 | | 11,80 | 1:8 | | | | 8,5 |
| ZBI | | HE122 | 10200057 | | | | | | | | | | | 31302400 | | 7,60 | 1:5 | 12 | | 2 | 5,6 |
| I | | HE11 | 10200009 | 63 | 86,5 | 31301500 | 44 | 24 | 44,5 | 8 | 27,2 | 39200400 | 19 | 31301700 | 30 | 7,59 | 1:8 | 16 | | 2,4 | 5,7 |
| IC | | HE12 | 10200010 | | | | | | | | | | | 31302300 | | 12 | | | | 3 | 7,6 |
| IM | | HE13 | 10200011 | | | | | | | | | | | 31301900 | | 11,80 | | | | | 8,5 |
| 2 | | HE14 | 10200012 | | 85,5 | | | | | | | | | 31301800 | 36 | 14,30 | 1:8 | 22 | 22 | 3,2 | 9,7 |
| 2T | | HE15 | 10200013 | | | | | | | | | | | 31302200 | | | | | | 4 | |
| ZF2 | | HE108 | 10200046 | | | | | | | | | | | 31302000 | | 12,50 | 1:5 | | | 3 | 9,6 |
| ICB | | HE57 | 10200093 | | 86,5 | | | | | | | | | 31305800 | 30 | 10 | | 16 | 23 | | 6,6 |
| 2CB | | HE58 | 10200094 | | 85,5 | | | | | | | | | 31305900 | 36 | 16 | | 22 | 22 | 4 | 9,6 |



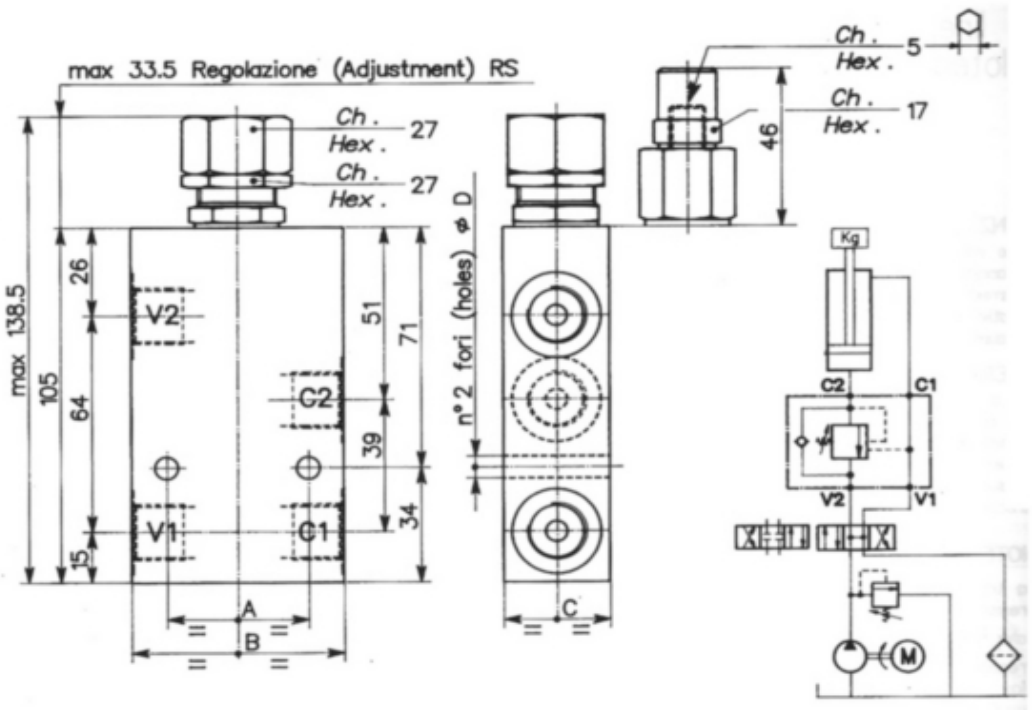

| RIF. | | DIMENSIONI FLANGE | | | | | | | GIUNTI ELASTICI HE |
|---|---|---|---|---|---|---|---|---|---|
| | | SIGLA | MATRICOLA | D1 | L1 | L2 | L3 | F1 | |
| 05 | 71 | HL1 | 30100300 | 22 | | 25,5 | 66 | M6 | HE1 |
| T05 | | | | | | | | | HE21 |
| 1 | | HL2 | 30100200 | 25,4 | 52,4 | 26,3 | 72 | | HE21 |
| 1C | | HL3 | 30100400 | 30 | 56 | 24,5 | 73 | | HE3 |
| 1M | | | | | | | | | HE4 |
| ZB1 | | HLB1 | 30100500 | 32 | 40 | 10,4 | 40 | M8 | HE101 |
| 5 | | HL1CC | 15030004 | 22 | | 25,5 | 66 | M6 | HE1 |
| T05 | | | | | | | | | HE21 |
| 1 | | HL2CC | 15030001 | 25,4 | 52,4 | 26,3 | 72 | | HE2 |
| 1C | | HL3CC | 15030003 | 30 | 56 | 24,5 | 73 | | HE3 |
| 1M | | | | | | | | | HE4 |

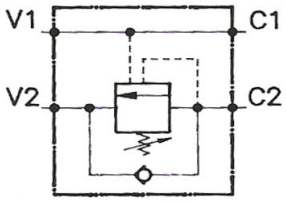



| RIF. | | DIMENSIONI FLANGE | | | | | | | GIUNTI ELASTICI HE |
|---|---|---|---|---|---|---|---|---|---|
| | | SIGLA | MATRICOLA | D1 | L1 | L2 | L3 | F1 | |
| 2 | 80 | HL7SL | 30203500 | 36,5 | 71,5 | 32,35 | 96 | M8 | HE46 |
| 2T | | | | | | | | | HE47 |
| ZF2 | | HLB12SL | 30203700 | 80 | 72 | 34,5 | 100 | M6 | HE120 |
| 1CB | | HLB9SL | 30204300 | 35 | 70 | 24 | 70 | | HE49 |
| 2CB | | HLB11SL | 30204500 | 50 | 75 | 21,5 | 75 | | HE50 |
| 2 | | HL5/7SLCC | 15040007 | 36,5 | 71,5 | 32,35 | 96 | M8 | HE46 |
| 2T | | | | | | | | | HE47 |



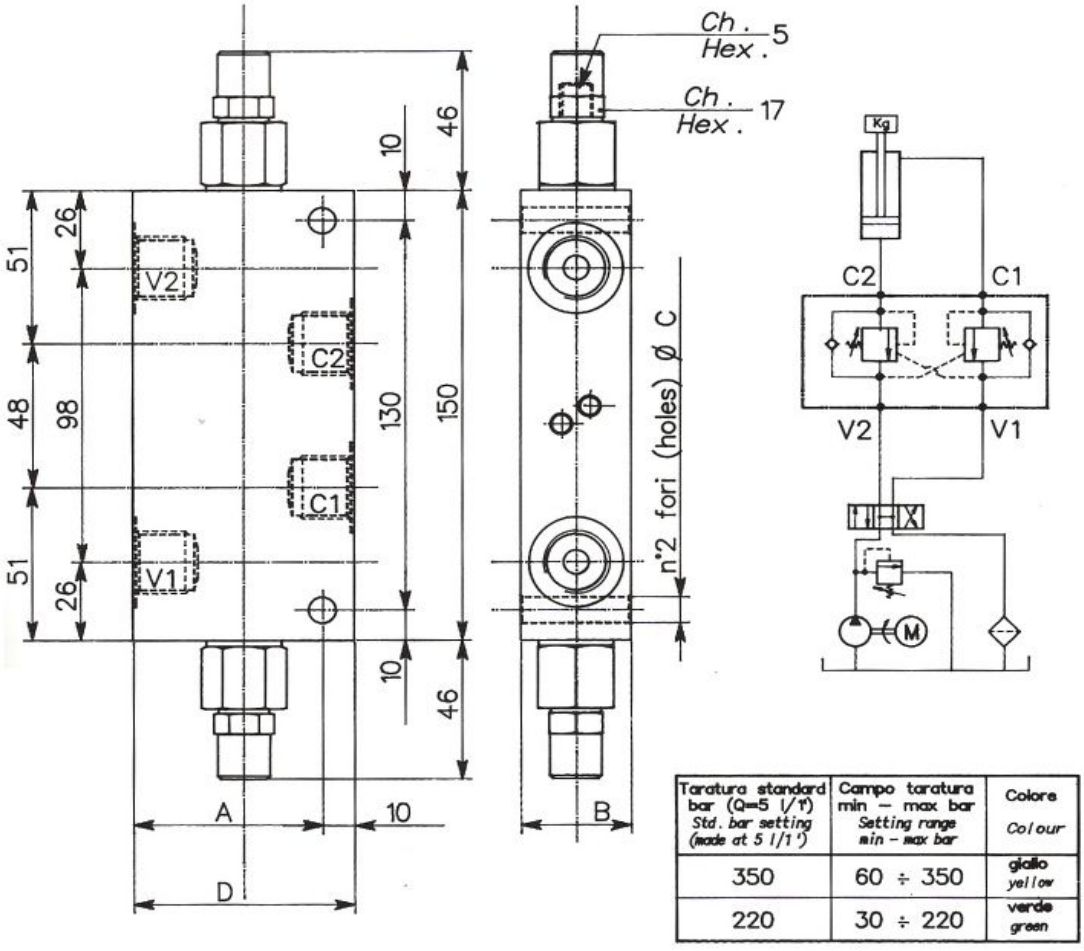

| RIF. | | DIMENSIONI FLANGE | | | | | | | GIUNTI ELASTICI HE |
|---|---|---|---|---|---|---|---|---|---|
| | | SIGLA | MATRICOLA | D1 | L1 | L2 | L3 | F1 | |
| 2 | 90 | HL7SL | 30203500 | 36,5 | 71,5 | 32,35 | 96 | M8 | HE14 |
| 2T | | | | | | | | | HE15 |
| ZF2 | | HLB12SL | 30203700 | 80 | 72 | 34,5 | 100 | M6 | HE108 |
| 1CB | | HLB9SL | 30204300 | 35 | 70 | 24 | 70 | | HE57 |
| 2CB | | HLB11SL | 30204500 | 50 | 75 | 21,5 | 75 | | HE58 |
| 2 | | HL5/7SLCC | 15040007 | 36,5 | 71,5 | 32,35 | 96 | M8 | HE14 |
| 2T | | | | | | | | | HE15 |




| CARATTERISTICHE - PERFORMANCES | | |
|---|---|---|
| **Pressione max di taratura** Max setting pressure | | 350 bar 5000 PSI |
| **Rapporto di pilotaggio** Pilot ratio | | 4.25 : 1 |
| **Temperatura olio** Oil temperature | °C | -30 +80 |
| **Filtraggio consigliato** Filtration | micron | 30 |

| SIGLA VALVOLA | Campo taratura 60:350 bar | Campo taratura 30:220 bar | A | B | C | D | Attacchi | Luce nom. | Portata max |
|---|---|---|---|---|---|---|---|---|---|
| OWC/SE-14/L | 316 | 317 | 40 | 60 | 30 | 6.5 | 1/4" | 6 | 25-6,5 |
| OWC/SE-38/L | 3 | 53 | | | | | 3/8" | 8 | 40-10 |
| OWC/SE-12/L | 8 | 58 | 50 | 70 | 35 | 8.5 | 1/2" | 10 | 60-15 |



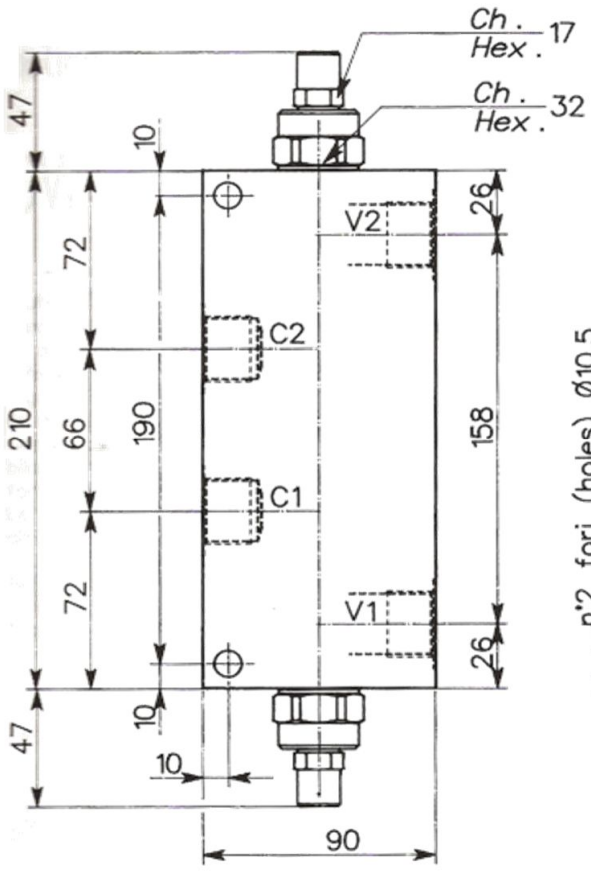

| Taratura standard bar (Q=5 l/1') *Std. bar setting (made at 5 l/1')* | Campo taratura min – max bar *Setting range min – max bar* | Colore *Colour* |
|---|---|---|
| 350 | 60 ÷ 350 | giallo *yellow* |
| 220 | 30 ÷ 220 | verde *green* |

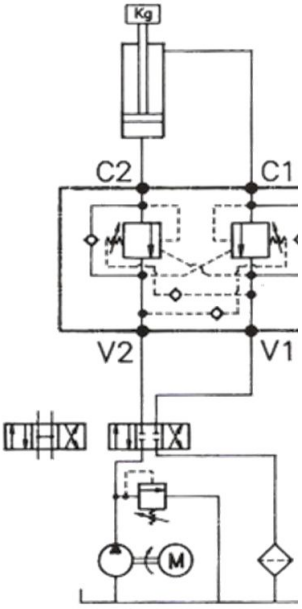
| Taratura standard | Campo taratura min-max bar | Colore |
|---|---|---|
| 350 | 60:350 | giallo |
| 220 | 30:220 | verde |

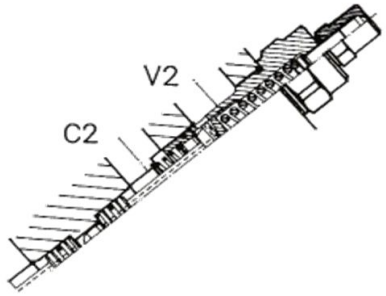
| CODICE ORDINAZIONE | | |
|---|---|---|
| 001 | * | 000 |

* Indicare la taratura

| SIGLA VALVOLA | Campo taratura 60:350 bar | Campo taratura 30:220 bar | A | B | C | D | Attacchi | Luce nom. | Portata max |
|---|---|---|---|---|---|---|---|---|---|
| OWC/DE-14/LU | 106 | 107 | 50 | 30 | 6.5 | 60 | 1/4" | 6 | 20-5 |
| OWC/DE-38/LU | 005 | 055 | | | | | 3/8" | 8 | 40-10 |
| OWC/DE-12/LU | 010 | 060 | 60 | 35 | 8.5 | 70 | 1/2" | 10 | 60-15 |



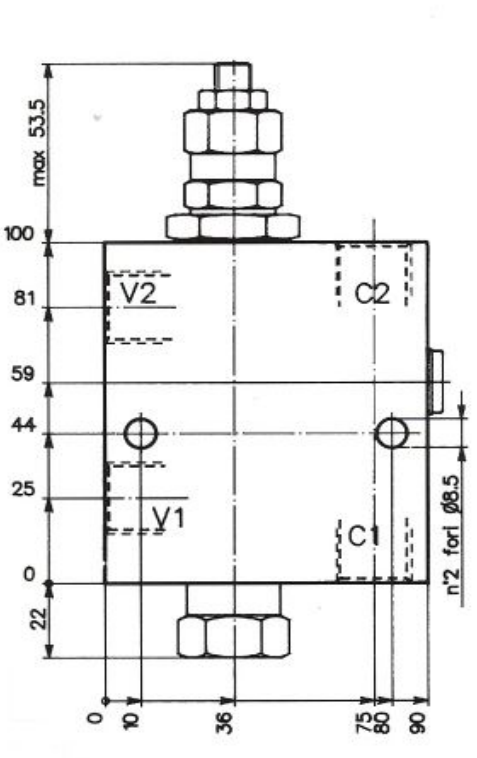

| CARATTERISTICHE – PERFORMANCES | | |
|---|---|---|
| Luce nominale<br>Rated size | DN | 12 – 14 |
| Portata max<br>Max flow-rate | | 160 l/min 42 GPM |
| Pressione max di taratura<br>Max setting pressure | | 350 bar 5000 PSI |
| Rapporto di pilotaggio<br>Pilot ratio | | 6.2 : 1 |
| Temperatura olio<br>Oil temperature | °C | -30 +80 |
| Filtraggio consigliato<br>Filtration | micron | 30 |

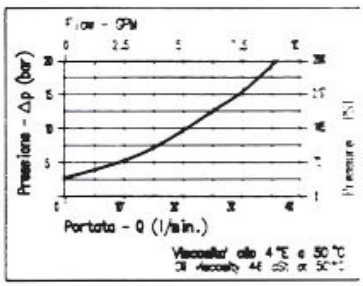
| Taratura standard | Campo taratura min-max bar | Colore |
|---|---|---|
| 220 | 30:350 | giallo |

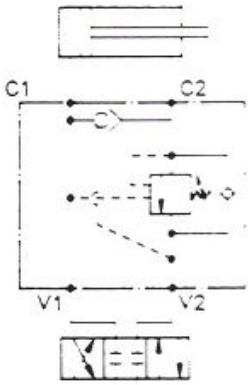
| CODICE ORDINAZIONE | | |
|---|---|---|
| 001 | * | 000 |

* Indicare la taratura

| SIGLA VALVOLA | Campo taratura bar 30:350 | A | | | | Attacchi | Luce nom. | Portata max |
|---|---|---|---|---|---|---|---|---|
| OWC/DE-34/LU | 453 | 40 | | | | 3/4" | 12 | 120-31 |
| OWC/DE-100/LU | 454 | 50 | | | | 1" | 14 | 160-42 |



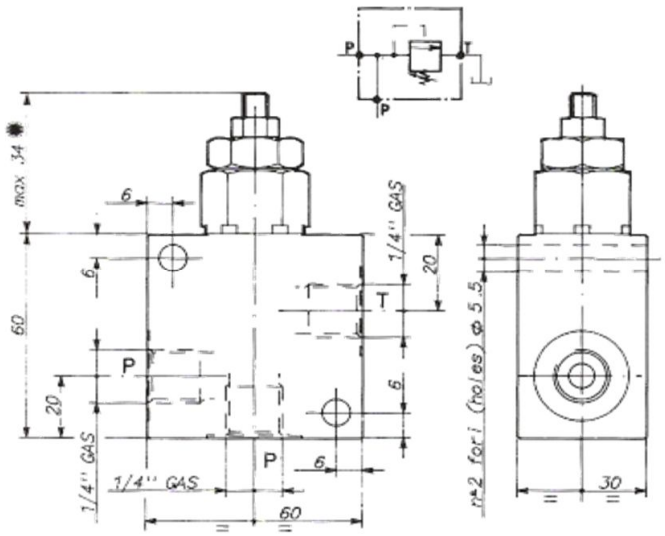




* Indicare la taratura

| CODICE ORDINAZIONE | | |
|---|---|---|
| 001 | * | 000 |

| SIGLA VALVOLA | Campo taratura bar 30:350 | | | | Peso | Attacchi | Luce nom. | Portata max |
|---|---|---|---|---|---|---|---|---|
| WR/CRR-C/12 | 468 | | | | 0 | 1/2" | 8 | 60-15 |



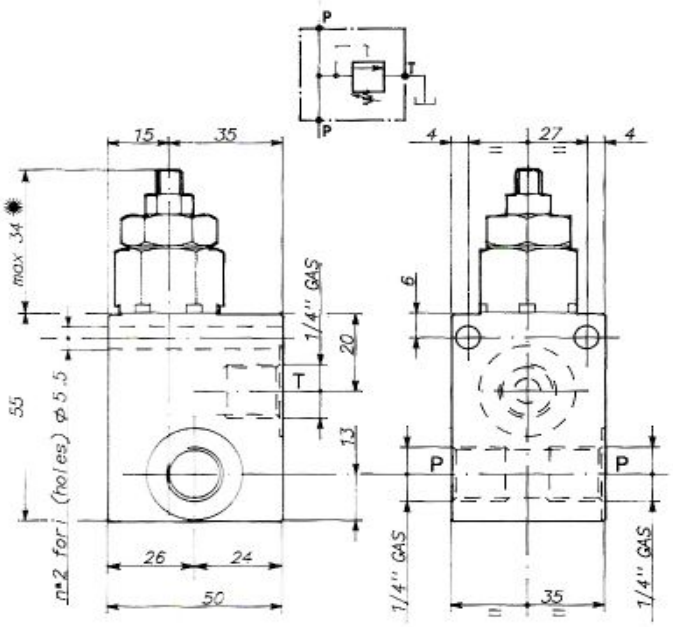

| Campo taratura min – max bar *Setting range min – max bar* | Regolazione grano *Dowel adjustment* | Regolazione volantino *Handknob adjustment* | Taratura fissa *Fixed setting* | Regolazione piombata *Sealed adjustment* |
|---|---|---|---|---|
| 5 ÷ 100 | 009 | 080 | 380 | 383 |
| 10 ÷ 210 | 078 | 081 | 381 | 384 |
| 20 ÷ 350 | 079 | 082 | 382 | 385 |

| CODICE ORDINAZIONE ORDERING CODE | | |
|---|---|---|
| 002 | | 000 |

* Indicare la taratura

| CODICE ORDINAZIONE | | |
|---|---|---|
| 002 | * | 000 |

| SIGLA VALVOLA | Regolazione | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| WMP/20-G/C-14 | Grano | | | | | | | | |
| WMP/20-V/C-14 | Volantino | | | | | | | | |
| WMP/20-TF/C-14 | Taratura fissa | | | | | | | | |
| WMP/20-PB/C-14 | Piombata | | | | | | | | |



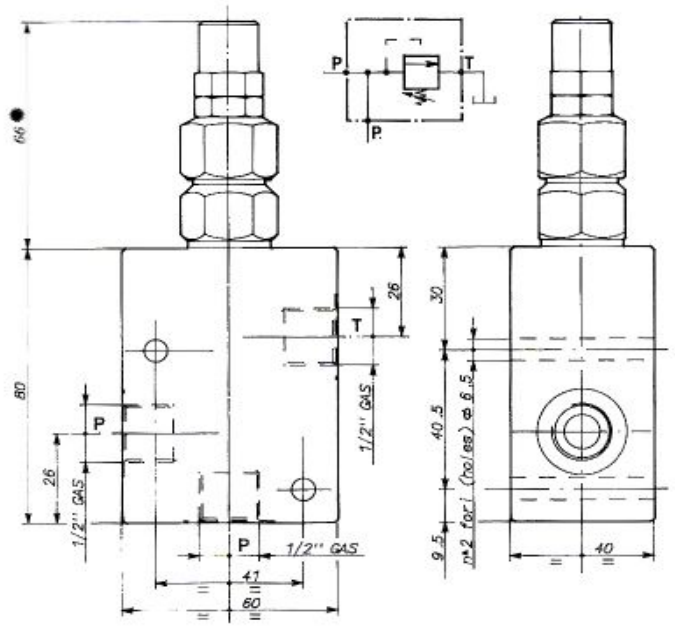

| Campo taratura min – max bar *Setting range min – max bar* | Regolazione grano *Dowel adjustment* | Regolazione volantino *Handknob adjustment* | Taratura fissa *Fixed setting* | Regolazione piombata *Sealed adjustment* |
|---|---|---|---|---|
| 5 ÷ 100 | 011 | 090 | 392 | 395 |
| 10 ÷ 210 | 088 | 091 | 393 | 396 |
| 20 ÷ 350 | 089 | 092 | 394 | 397 |

| CODICE ORDINAZIONE ORDERING CODE | | |
|---|---|---|
| 002 | | 000 |

* Indicare la taratura

| CODICE ORDINAZIONE | | |
|---|---|---|
| 002 | * | 000 |

| SIGLA VALVOLA | Regolazione | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| WMP/20-G/C-14/L | Grano | | | | | | | |
| WMP/20-V/C-14/L | Volantino | | | | | | | |
| WMP/20-TF/C-14/L | Taratura fissa | | | | | | | |
| WMP/20-PB/C-14/L | Piombata | | | | | | | |



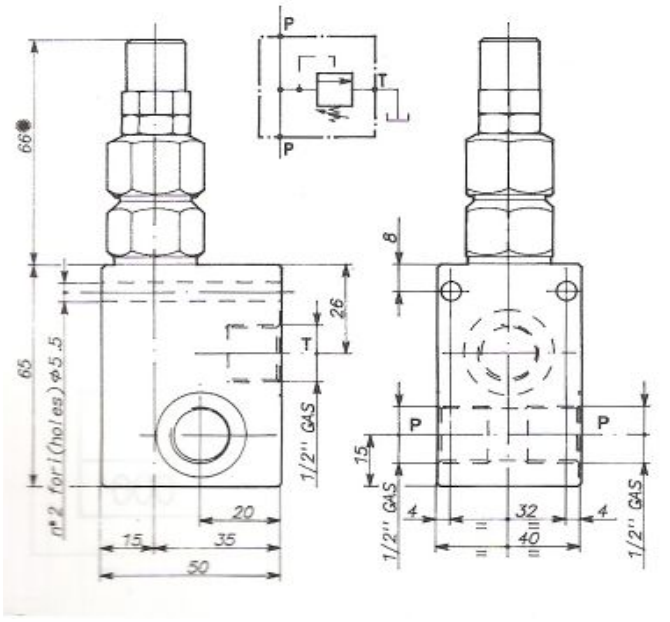

| Campo taratura min – max bar *Setting range min – max bar* | Regolazione grano *Dowel adjustment* | Regolazione volantino *Handknob adjustment* | Taratura fissa *Fixed setting* | Regolazione piombata *Seal ed adjustment* |
|---|---|---|---|---|
| 5 ÷ 100 | 014 | 130 | 427 | 424 |
| 10 ÷ 200 | 128 | 131 | 428 | 425 |
| 25 ÷ 350 | 129 | 132 | 429 | 426 |

| CODICE ORDINAZIONE ORDERING CODE | | |
|---|---|---|
| 002 | | 000 |

* Indicare la taratura

| CODICE ORDINAZIONE | | |
|---|---|---|
| 002 | * | 000 |

| SIGLA VALVOLA | Regolazione | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| WMP/35-G/C-12 | Grano | | | | | | | |
| WMP/35-V/C-12 | Volantino | | | | | | | |
| WMP/35-TF/C-12 | Taratura fissa | | | | | | | |
| WMP/35-PB/C-12 | Piombata | | | | | | | |



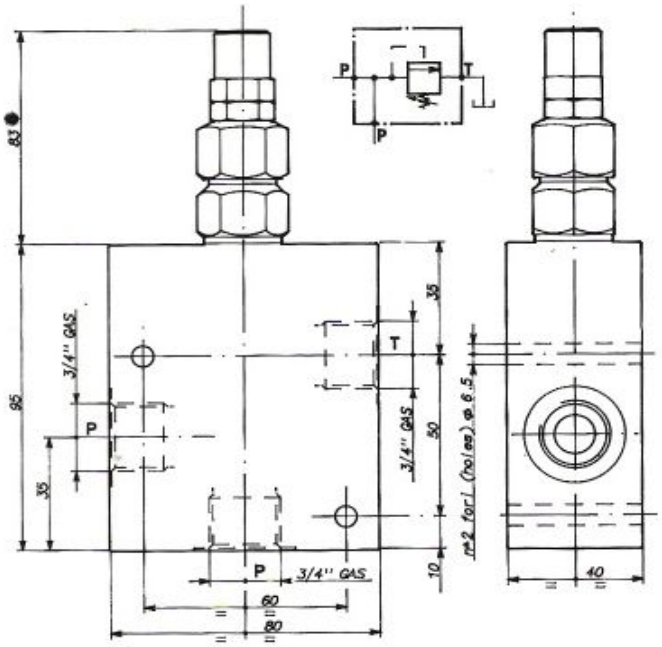

| Campo taratura min – max bar *Setting range min – max bar* | Regolazione grano *Dowel adjustment* | Regolazione volantino *Handknob adjustment* | Taratura fissa *Fixed setting* | Regolazione piombata *Sealed adjustment* |
|---|---|---|---|---|
| 5 ÷ 100 | 016 | 140 | 433 | 430 |
| 10 ÷ 200 | 138 | 141 | 434 | 431 |
| 25 ÷ 350 | 139 | 142 | 435 | 432 |

| CODICE ORDINAZIONE ORDERING CODE | | |
|---|---|---|
| 002 | | 000 |

* Indicare la taratura

| CODICE ORDINAZIONE | | |
|---|---|---|
| 002 | * | 000 |

| SIGLA VALVOLA | Regolazione | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| WMP/35-G/C-12/L | Grano | | | | | | | |
| WMP/35-V/C-12/L | Volantino | | | | | | | |
| WMP/35-TF/C-12/L | Taratura fissa | | | | | | | |
| WMP/35-PB/C-12/L | Piombata | | | | | | | |




| Campo taratura min – max bar *Setting range min – max bar* | Regolazione grano *Dowel adjustment* | Regolazione volantino *Handknob adjustment* | Taratura fissa *Fixed setting* | Regolazione piombata *Sealed adjustment* |
|---|---|---|---|---|
| 5 ÷ 50 | 022 | 194 | 556 | 561 |
| 5 ÷ 100 | 190 | 195 | 557 | 562 |
| 10 ÷ 150 | 191 | 196 | 558 | 563 |
| 25 ÷ 250 | 192 | 197 | 559 | 564 |
| 40 ÷ 350 | 193 | 198 | 560 | 565 |

| CODICE ORDINAZIONE ORDERING CODE | | |
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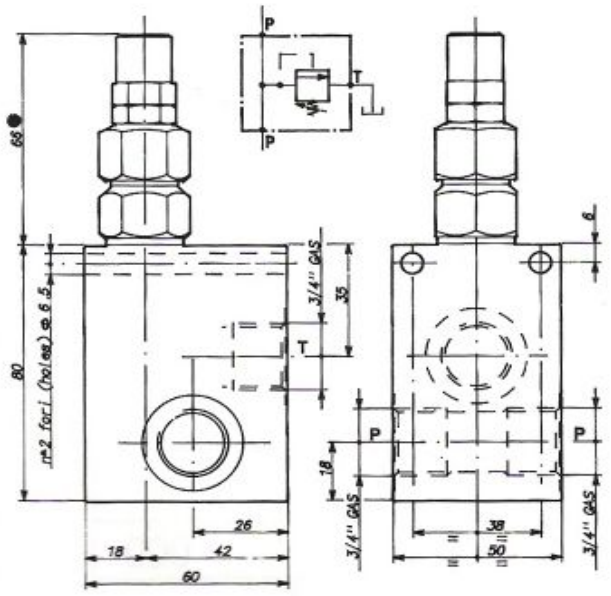
| 002 | | 000 |

* Indicare la taratura

| CODICE ORDINAZIONE | | |
|---|---|---|
| 002 | * | 000 |

| SIGLA VALVOLA | Regolazione | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| WMP/80-G/C-34 | Grano | | | | | | | |
| WMP/80-V/C-34 | Volantino | | | | | | | |
| WMP/80-TF/C-34 | Taratura fissa | | | | | | | |
| WMP/80-PB/C-34 | Piombata | | | | | | | |



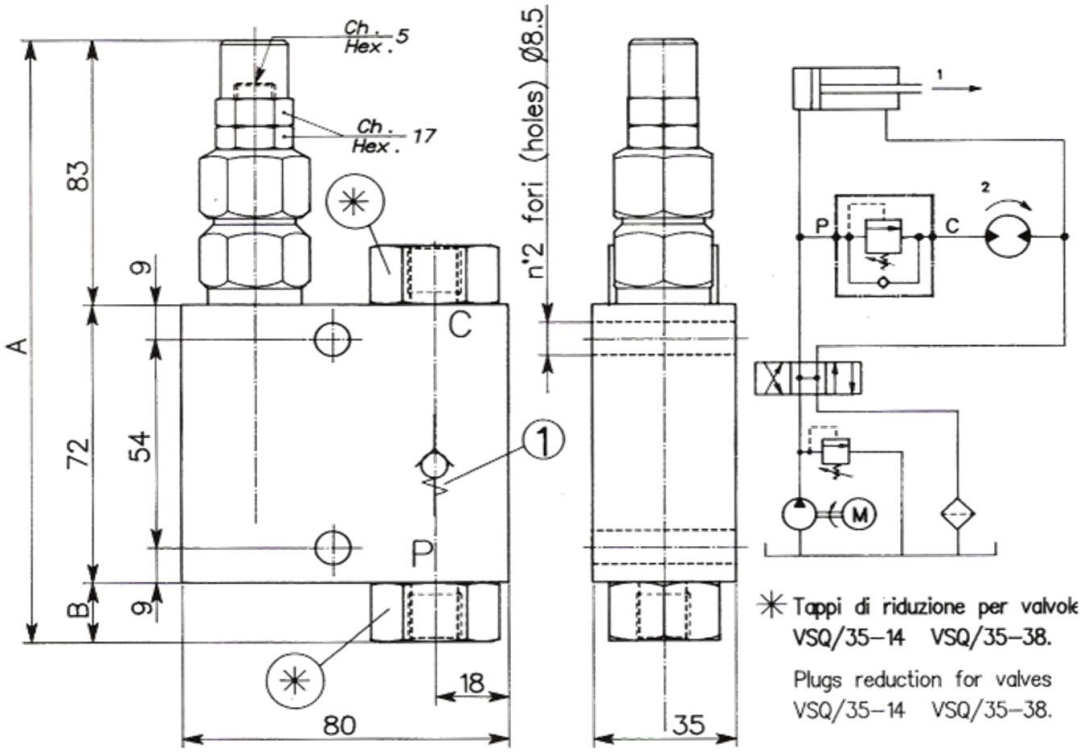

| Campo taratura min – max bar *Setting range min – max bar* | Regolazione grano *Dowel adjustment* | Regolazione volantino *Handknob adjustment* | Taratura fissa *Fixed setting* | Regolazione piombata *Sealed adjustment* |
|---|---|---|---|---|
| 5 ÷ 50 | 024 | 212 | 566 | 571 |
| 5 ÷ 100 | 208 | 213 | 567 | 572 |
| 10 ÷ 150 | 209 | 214 | 568 | 573 |
| 25 ÷ 250 | 210 | 215 | 569 | 574 |
| 40 ÷ 350 | 211 | 216 | 570 | 575 |

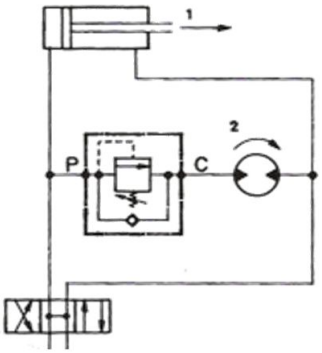
| CODICE ORDINAZIONE ORDERING CODE | | |
|---|---|---|
| 002 | | 000 |

* Indicare la taratura

| CODICE ORDINAZIONE | | |
|---|---|---|
| 002 | * | 000 |

| SIGLA VALVOLA | Regolazione | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| WMP/80-G/C-34/L | Grano | | | | | | | |
| WMP/80-V/C-34/L | Volantino | | | | | | | |
| WMP/80-TF/C-34/L | Taratura fissa | | | | | | | |
| WMP/80-PB/C-34/L | Piombata | | | | | | | |




**CARATTERISTICHE - PERFORMANCES**

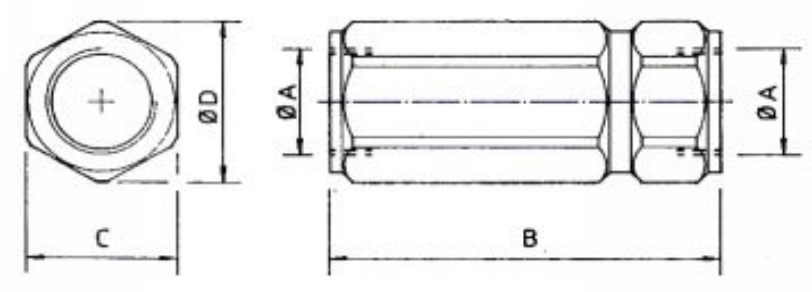
| | | |
|---|---|---|
| Luce nominale / Rated size | DN | 6–8–10 |
| Portata max / Max flow-rate | | 35 l/min 8.75 GPM |
| Pressione max / Max pressure | | 450 bar 6400 PSI |
| Temperatura ambiente / Room temperature | °C | -30 +50 |
| Temperatura olio / Oil temperature | °C | -30 +80 |
| Filtraggio consigliato / Filtration | micron | 30 ÷ 50 |

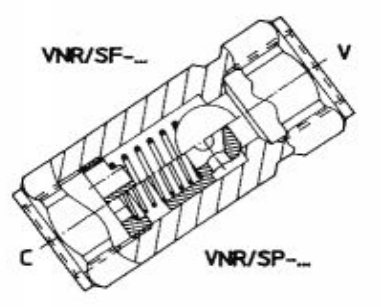
| Taratura standard | Campo taratura min-max bar | Colore |
|---|---|---|
| 320 | 25:350 | giallo |
| 180 | 10:200 | verde |
| 80 | 5:100 | blu |

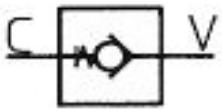
| CODICE ORDINAZIONE | | |
|---|---|---|
| 002 | * | 000 |

* Indicare la taratura

| SIGLA VALVOLA | Press. di apertura | Campo taratura 25:350 bar | Campo taratura 10:200 bar | Campo taratura 5:100 bar | A | B | Attacchi | Luce nom. | Portata max |
|---|---|---|---|---|---|---|---|---|---|
| VSQ/35-14 | 1 bar | 264 | 263 | 32 | 165 | 10 | 1/4" | 6 | 20-5 |
| VSQ/35-38 | 1 bar | 259 | 258 | 31 | 170 | 15 | 3/8" | 8 | 40-10 |
| VSQ/35-12 | 1 bar | 254 | 253 | 30 | 155 | | 1/2" | 10 | 60-15 |
| VSQ/35-14 | 7 bar | 267 | 266 | 265 | | | | | |
| VSQ/35-38 | 7 bar | 262 | 261 | 260 | | | | | |
| VSQ/35-12 | 7 bar | 257 | 256 | 255 | | | | | |



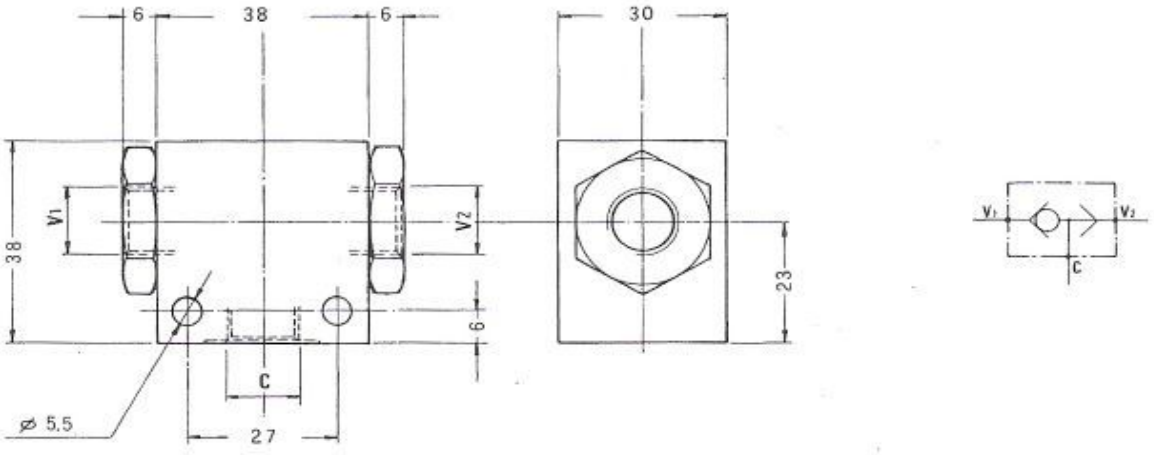



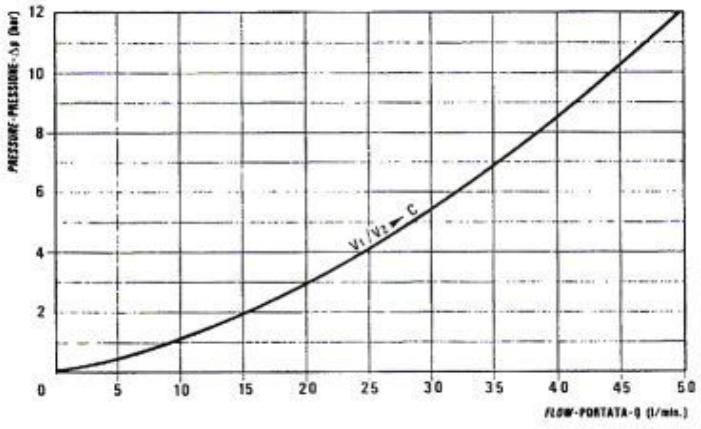

| Taratura standard | Campo taratura min-max bar | Colore |
|---|---|---|
| 320 | 25:350 | giallo |
| 180 | 10:200 | verde |
| 80 | 5:100 | blu |

| CODICE ORDINAZIONE | | |
|---|---|---|
| 002 | * | 000 |

* Indicare la taratura

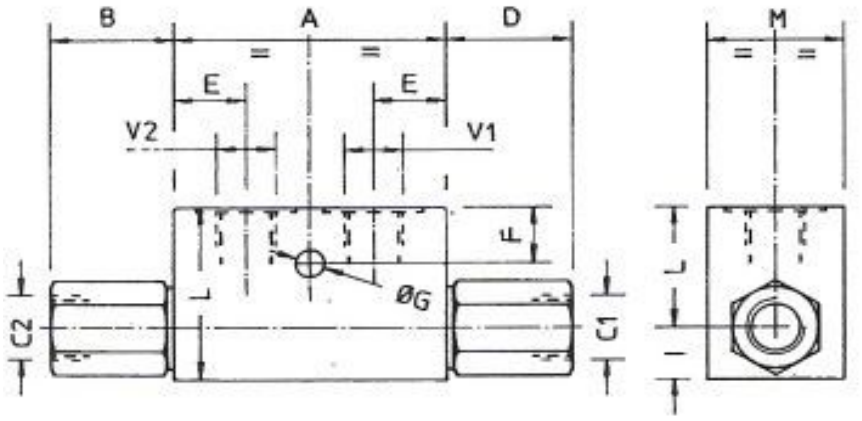
| SIGLA VALVOLA | A | B | C | D | Luce nom. | Portata max | Press. Max | Temp. Ambiente | Temp. Olio | Filtr. Consigliato |
|---|---|---|---|---|---|---|---|---|---|---|
| VNR/SF-14 | 1/4" GAS | 57 | 19 | 20.7 | 6 | 15-4 | 500 bar 7250 PSI | -30+50 | -30+80 | 30:60 |
| VNR/SF-38 | 3/8" GAS | 61 | 24 | 26.5 | 8 | 30-8 | | | | |
| VNR/SF-12 | 1/2" GAS | 74 | 27 | 29.5 | 11 | 45-12 | | | | |
| VNR/SF-34 | 3/4" GAS | 92 | 36 | 40 | 16 | 65-17,2 | | | | |
| VNR/SP-14 | 1/4" GAS | 57 | 19 | 20.7 | 6 | 12-3,2 | | | | |
| VNR/SP-38 | 3/8" GAS | 61 | 24 | 26.5 | 8 | 23-6 | | | | |
| VNR/SP-12 | 1/2" GAS | 74 | 27 | 29.5 | 11 | 40-10,6 | | | | |
| VNR/SP-34 | 3/4" GAS | 92 | 36 | 40 | 16 | 60-15,8 | | | | |
| VNR/SP-100 | 1 " GAS | 110 | 41 | 45.5 | 61 | 72 | | | | |
| VNR/SP-114 | 1" 1/4 GAS | 130 | 55 | 61 | 25 | 160-42,2 | | | | |
| VNR/SP-112 | 1" 1/2 GAS | 145 | 65 | 72 | 30 | 230-60 | | | | |

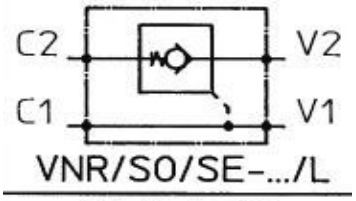


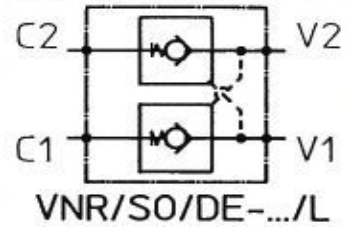




| Pressione di lavoro max | Portata max |
|---|---|
| 350 bar | vedi diagramma |

| ATTACCHI | | |
|---|---|---|
| Denominazione | v1 - v2 - c | 1/4" |

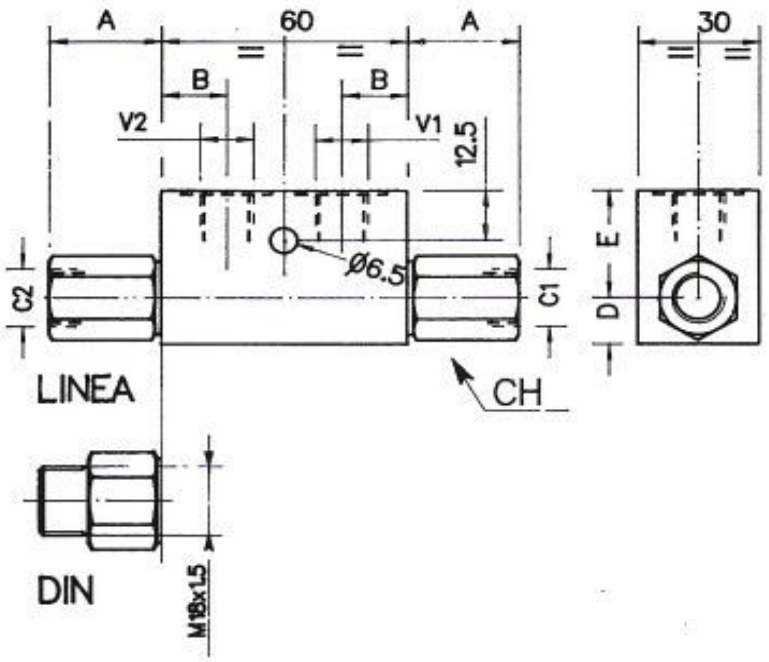


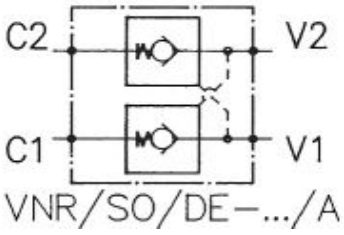




| CARATTERISTICHE -PERFORMANCES | | |
|---|---|---|
| **Pressione max** Max pressure | | 350 bar 5075 PSI |
| **Temperatura ambiente** Room temperature | °C | -30 +50 |
| **Temperatura olio** oil temperature | °C | -30 +80 |
| **Filtraggio consigliato** Filtration | micron | 30 ÷ 50 |

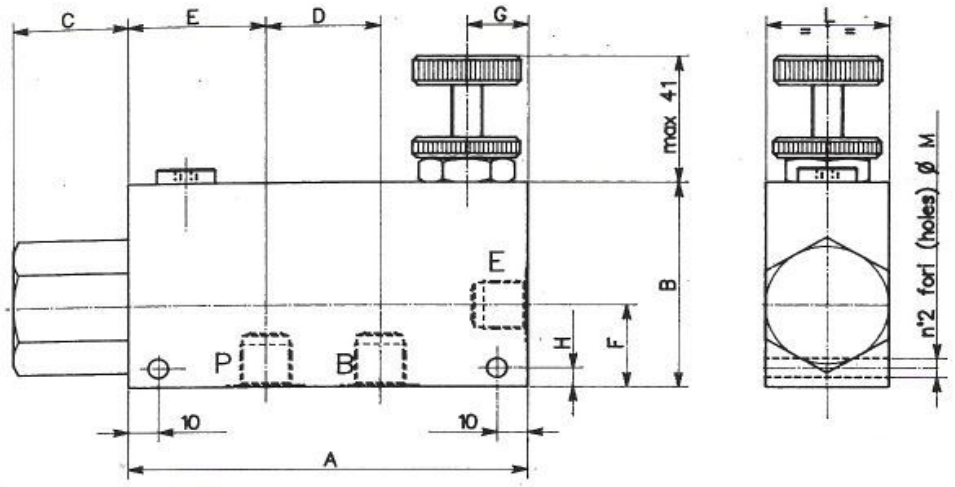
| SIGLA VALVOLA | C-V | A | B | D | E | F | G | H | I | L | M | Rapporto Pilot. | Luce nom. | Poratata max |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VNR/SO/SE-14/L | 1/4" GAS | 60 | 27 | 23 | 16 | 13 | 6.5 | 28 | 12 | 40 | 30 | 4:1 | 6 | 12-3.2 |
| VNR/SO/SE-38/L | 3/8" GAS | 70 | 29 | 23 | 16 | 15 | 6.5 | 35 | 15 | 50 | 35 | 4:1 | 8 | 23-6 |
| VNR/SO/SE-12/L | 1/2" GAS | 80 | 32 | 26 | 21 | 15 | 6.5 | 34 | 16 | 50 | 35 | 4:1 | 11 | 40-10.6 |
| VNR/SO/SE-34/L | 3/4" GAS | 100 | 41 | 33 | 25 | 15 | 8.5 | 39 | 21 | 60 | 40 | 3.5:1 | 16 | 60-15.8 |
| VNR/SO/DE-14/L | 1/4" GAS | 60 | 27 | 27 | 16 | 13 | 6.5 | 28 | 12 | 40 | 30 | 4:1 | 6 | 12-3.2 |
| VNR/SO/DE-38/L | 3/8" GAS | 70 | 29 | 29 | 16 | 15 | 6.5 | 35 | 15 | 50 | 35 | 4:1 | 8 | 23-6 |
| VNR/SO/DE-12/L | 1/2" GAS | 80 | 32 | 32 | 21 | 15 | 6.5 | 34 | 16 | 50 | 35 | 4:1 | 11 | 40-10.6 |
| VNR/SO/DE-34/L | 3/4" GAS | 100 | 41 | 41 | 25 | 15 | 8.5 | 39 | 21 | 60 | 40 | 3.5:1 | 16 | 60-15.8 |

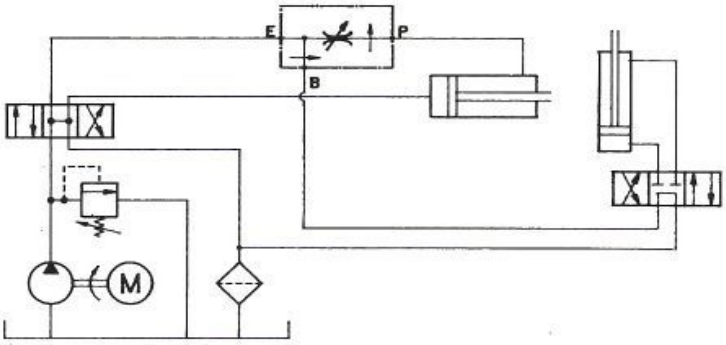


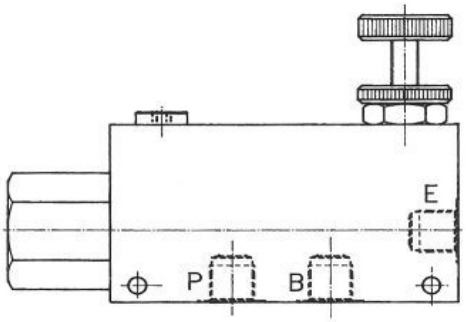




| CARATTERISTICHE – PERFORMANCES | | |
|---|---|---|
| Pressione max<br>Max pressure | | 500 bar 7250 PSI |
| Portata max<br>Max flow-rate 1/4" GAS | L/min-GPM | 16–4 |
| Portata max<br>Max flow-rate 3/8" GAS | L/min-GPM | 35–9 |
| Temperatura ambiente<br>Room temperature | °C | –30 +50 |
| Temperatura olio<br>oil temperature | °C | –30 +80 |
| Filtraggio consigliato<br>Filtration | micron | 30 ÷ 50 |

| SIGLA VALVOLA | V-C | A | B | D | E | Rapporto Pilot. | Luce nom. | CH |
|---|---|---|---|---|---|---|---|---|
| VNR/SO/DE-14G/A | 1/4" GAS | 28 | 15 | 13.5 | 26.5 | 4:1 | 6 | 22 |
| VNR/SO/DE-38G/A | 3/8" GAS | 30 | 14 | 14.5 | 25.5 | 4:1 | 8 | 24 |
| VNR/SO/DE-14D/A | 1/4" GAS-DIN | 30 | 15 | 13.5 | 26.5 | 4:1 | 6 | 22 |
| VNR/SO/DE-38D/A | 3/8" GAS-DIN | 30 | 14 | 14.5 | 25.5 | 4:1 | 8 | 22 |



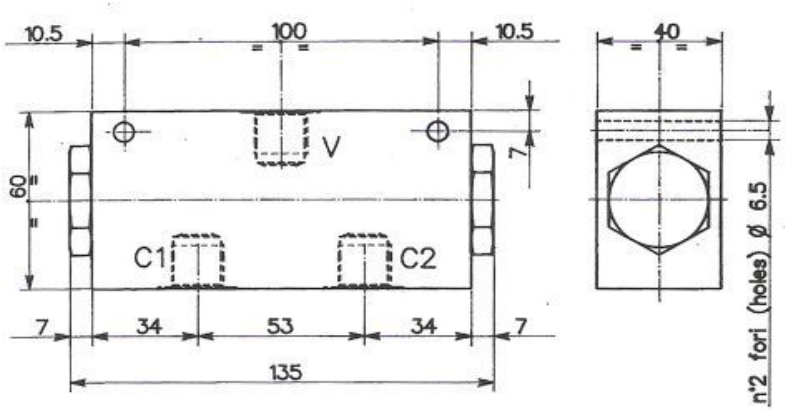

| CARATTERISTICHE – PERFORMANCES | | |
|---|---|---|
| Luce nominale<br>Rated size | DN | 8–10–12 |
| Portata max<br>Max flow–rate | | 150 l/min 37.5 GPM |
| Pressione max<br>Max pressure | | 210 bar 3045 PSI |
| Temperatura ambiente<br>Room temperature | °C | –30 +50 |
| Temperatura olio<br>Oil temperature | °C | –30 +80 |
| Filtraggio consigliato<br>Filtration | micron | 30 |

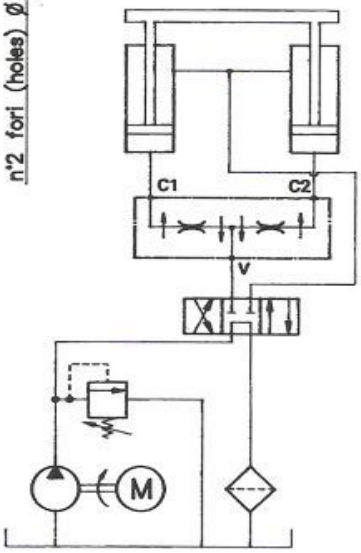
| Sigla valvola | Codice |
|---|---|
| VRF/3V-38 | 003 |
| VRF/3V-34 | 007 |

| CODICE ORDINAZIONE | | |
|---|---|---|
| 004 | * | 000 |

* Indicare la taratura

| SIGLA VALVOLA | A | B | C | D | E | F | G | H | L | M | Attacchi | Luce nom. | QP | QE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VRF/3V-38 | 130 | 70 | 38 | 37 | 45 | 28 | 20 | 6.5 | 40 | 6.5 | 3/8" | 8 | 30 | 55 |
| VRF/3V-12 | | | | | | | | | | | 1/2" | 10 | 55 | 90 |
| VRF/3V34 | 155 | 90 | 35 | 44 | 54 | 35 | 25 | 7.5 | 50 | 8.5 | 3/4" | 12 | 90 | 150 |

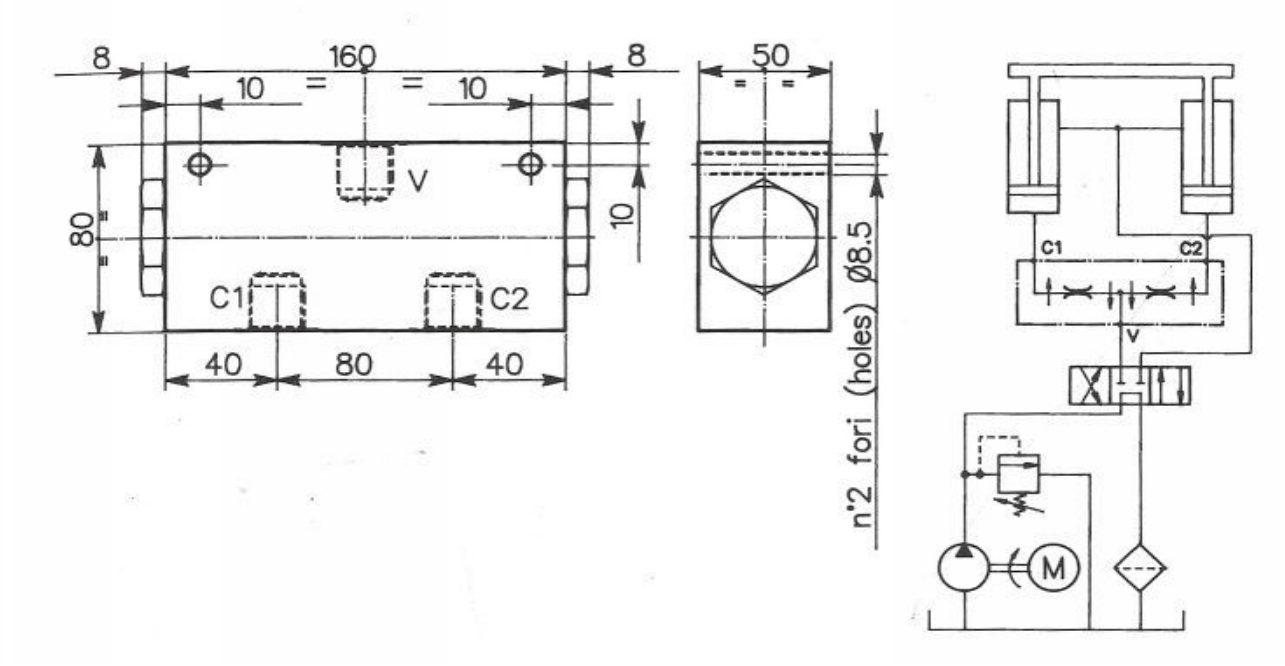



* Indicare la taratura

| CODICE ORDINAZIONE | | |
|---|---|---|
| 004 | * | 000 |

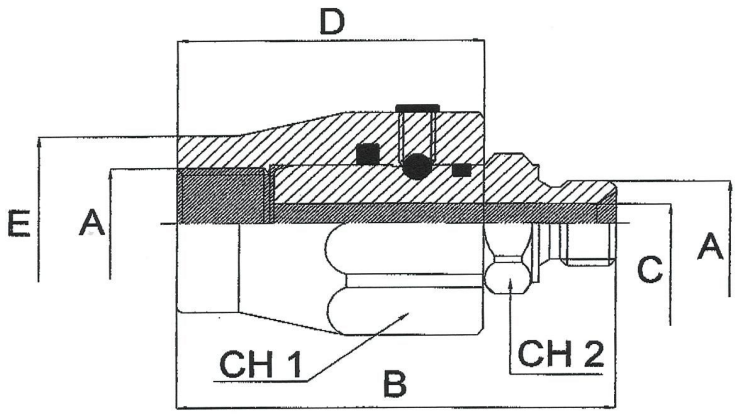
| SIGLA VALVOLA | CODICE | Attacchi V | Attacchi C1-C2 | Campo di porata consigliato | Rapporto di divisione | Portata max | Pressione max di lavoro |
|---|---|---|---|---|---|---|---|
| VDF/38-A | 008 | 3/8" | 3/8" | da 6,5 a 11 l/min | 50%-50% | 38-9,5 | 210-3045 |
| VDF/38-B | 076 | 3/8" | 3/8" | da 13 a 22 l/min | | | |
| VDF/38-C | 077 | 3/8" | 3/8" | da 25 a 38 l/min | | | |
| VDF/12-A | 009 | 1/2" | 3/8" | da 6,5 a 11 l/min | | | |
| VDF/12-B | 078 | 1/2" | 3/8" | da 13 a 22 l/min | | | |
| VDF/12-C | 079 | 1/2" | 3/8" | da 25 a 38 l/min | | | |



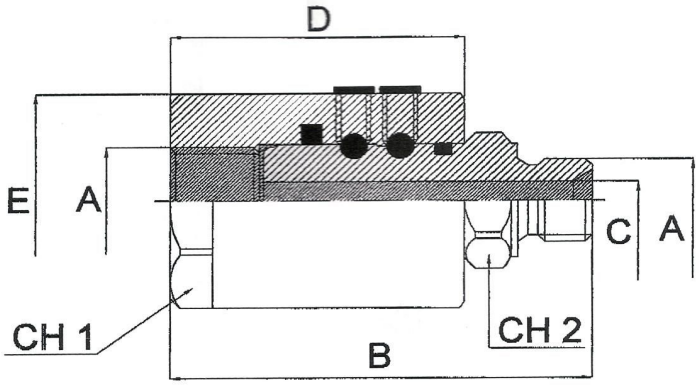

* Indicare la taratura

| CODICE ORDINAZIONE | | |
|---|---|---|
| 004 | * | 000 |

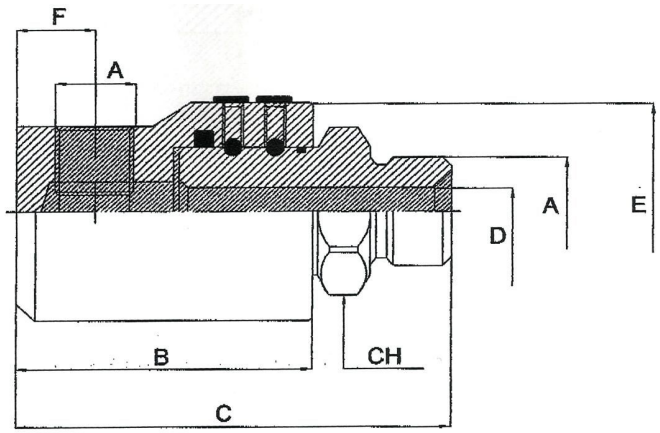
| SIGLA VALVOLA | CODICE | Attacchi V | Attacchi C1-C2 | Campo di porata consigliato | Rapporto di divisione | Pressione max di lavoro |
|---|---|---|---|---|---|---|
| VDF/34-A | 056 | 3/4" | 1/2" | da 28 a 55 l/min | 50%-50% ±3% | 210-3045 |
| VDF/34-B | 058 | 3/4" | 1/2" | da 56 a 95 l/min | | |
| VDF/100 | 059 | 1" | 3/4" | da 90 a 150 l/min | | |



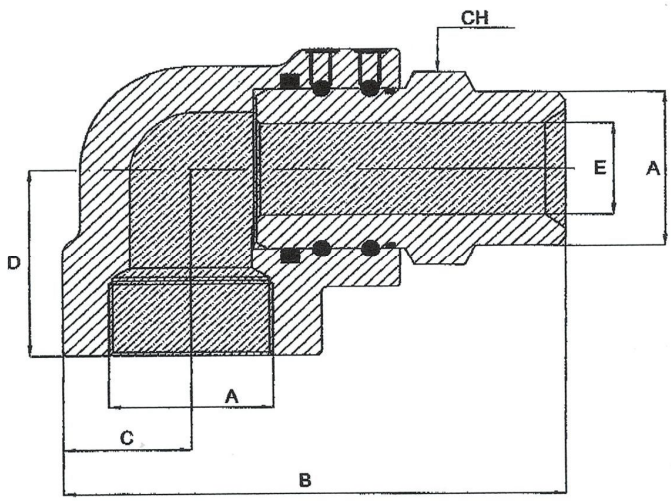

| CODICE | A | B | C | D | E | CH1 | CH2 | Pressione max di rotazione | Pressione max statica |
|---|---|---|---|---|---|---|---|---|---|
| GGD 1/4 | 1/4" | mm 61 | mm 6 | mm 42 | mm 24 | mm 30 | mm 19 | bar 200 | bar 400 |
| GGD 3/8 | 3/8" | mm 66 | mm 8,5 | mm 44 | mm 25 | mm 34 | mm 24 | bar 200 | bar 400 |
| GGD 1/2 | 1/2" | mm 71 | mm 11,5 | mm 47 | mm 32 | mm 36 | mm 27 | bar 150 | bar 300 |
| GGD 3/4 | 3/4" | mm 80 | mm 15 | mm 50 | mm 37 | mm 45 | mm 34 | bar 150 | bar 300 |



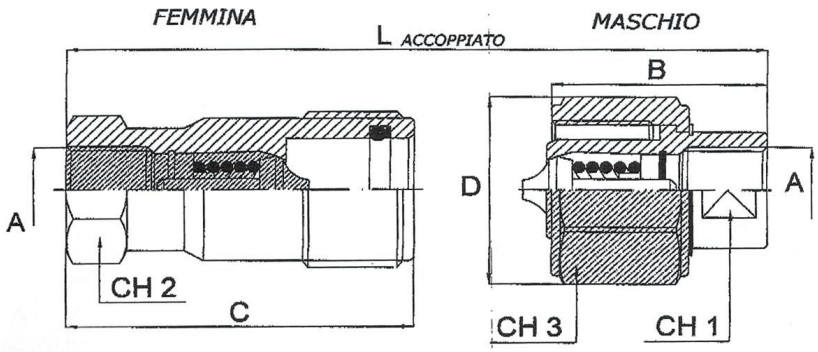

| CODICE | A | B | C | D | Ø E | CH1 | CH2 | Pressione max di rotazione | Pressione max statica |
|---|---|---|---|---|---|---|---|---|---|
| GGD 1 | 1" | mm 90 | mm 21 | mm 57 | mm 54,5 | mm 50 | mm 41 | bar 100 | bar 300 |
| GGD 1.1/4 | 1" 1/4 | mm 101 | mm 28 | mm 63 | mm 60 | mm 55 | mm 50 | bar 100 | bar 300 |
| GGD 1.1/2 | 1" 1/2 | mm 110 | mm 35 | mm 70 | mm 69,5 | mm 65 | mm 55 | bar 80 | bar 300 |
| GGD 2 | 2" | mm 118 | mm 44 | mm 75 | mm 84,5 | mm 75 | mm 65 | bar 50 | bar 250 |



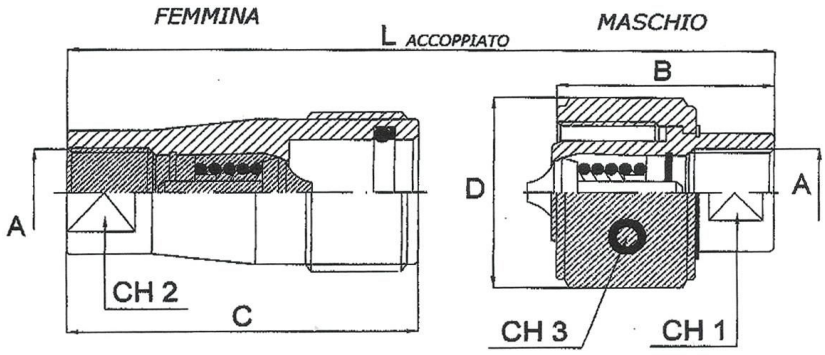

| CODICE | A | B | C | D | Ø E | F | CH | Pressione max di rotazione | Pressione max statica |
|---|---|---|---|---|---|---|---|---|---|
| GG90 1/4 | 1/4" | mm 50 | mm 69 | mm 6 | mm 33,5 | mm 11 | mm 19 | bar 200 | bar 400 |
| GG90 3/8 | 3/8" | mm 54 | mm 76 | mm 8,5 | mm 37,5 | mm 13 | mm 24 | bar 200 | bar 400 |
| GG90 1/2 | 1/2" | mm 63 | mm 87 | mm 11,5 | mm 39,5 | mm 14 | mm 27 | bar 150 | bar 300 |
| GG90 3/4 | 3/4" | mm 70 | mm 100 | mm 15 | mm 54,5 | mm 18 | mm 34 | bar 150 | bar 300 |
| GG90 1 | 1" | mm 80 | mm 113 | mm 21 | mm 55/60 | mm 25 | mm 41 | bar 100 | bar 300 |



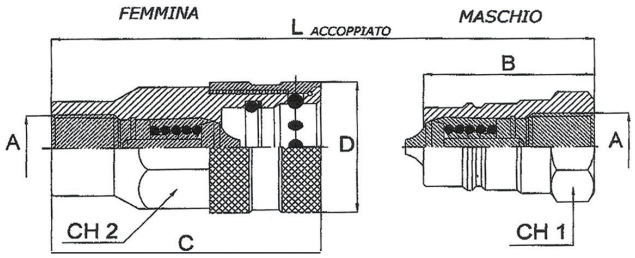

| CODICE | A | B | C | D | E | CH | Pressione max di rotazione | Pressione max statica |
|---|---|---|---|---|---|---|---|---|
| GGD90 1.1/4 | 1.1/4" | mm 121 | mm 32 | mm 52 | mm 28 | mm 50 | bar 100 | bar 300 |
| GGD90 1.1/2 | 1.1/2 | mm 143 | mm 37 | mm 62 | mm 34 | mm 55 | bar 80 | bar 300 |
| GGD90 2 | 2 | mm 151 | mm 42 | mm 64 | mm 44 | mm 65 | bar 50 | bar 250 |



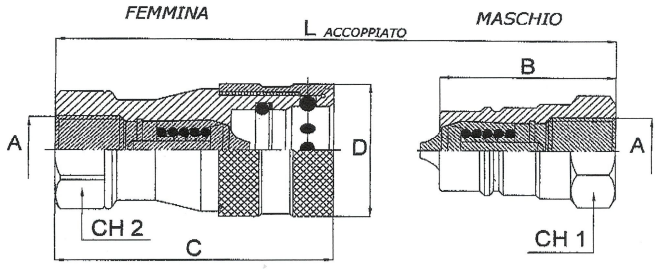

| CODICE MASCHIO | CODICE FEMMINA | Ø mm | Ø A | BASE | B | C | Ø D | L | CH1 | CH2 | CH3 | Press. eserc. | Press. scoppio |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| IRV 1/4M | IRV 1/4F | 6 | 1/4" BSP | 4 | mm 39 | mm 50 | mm 31 | mm 72 | mm 17 | mm 19 | mm 28 | bar 450 | 1800 |
| IRV 3/8M | IRV 3/8F | 10 | 3/8" BSP | 6 | mm 44 | mm 58 | mm 38 | mm 83 | mm 20 | mm 27 | mm 34 | | |
| IRV 1/2M | IRV 1/2F | 12 | 1/2" BSP | 8 | mm 47 | mm 75 | mm 47 | mm 100 | mm 27 | mm 32 | mm 42 | bar 350 | 1400 |
| IRV 3/4M | IRV 3/4F | 20 | 3/4" BSP | 12 | mm 50 | mm 91 | mm 56 | mm 118 | mm 32 | mm 38 | mm 50 | bar 250 | 1000 |
| IRV 1M | IRV 1F | 25 | 1" BSP | 16 | mm 63 | mm 89 | mm 67 | mm 120 | mm 41 | mm 45 | mm 60 | | |
| IRV 1.1/4M | IRV 1.1/4F | 32 | 1.1/4" BSP | 20 | mm 70 | mm 105 | mm 79 | mm 141 | mm 50 | mm 55 | mm 65 | bar 150 | 600 |
| IRV 1.1/2M | IRV 1.1/2F | 38 | 1.1/2" BSP | 24 | mm 72 | mm 105 | mm 90 | mm 141 | mm 55 | mm 60 | mm 70 | | |



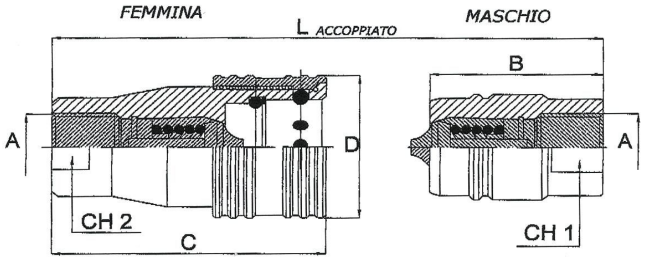

| CODICE MASCHIO | CODICE FEMMINA | Ø mm | Ø A | BASE | B | C | Ø D | L | CH1 | CH2 | CH3 | Press. eserc. | Press. scoppio |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| IRV 2M | IRV 2F | 50 | 2" BSP | 32 | mm 85 | mm 130 | mm 135 | mm 172 | mm 80 | mm 80 | mm 220 | bar 450 | 1800 |
| IRV 2.1/2M | IRV 2.1/2F | 63 | 2.1/2" BSP | 40 | mm 85 | mm 130 | mm 135 | mm 172 | mm 85 | mm 85 | mm 220 | | |
| IRV 3M | IRV 3F | 76 | 3" BSP | 48 | mm 105 | mm 166 | mm 150 | mm 212 | mm 100 | mm 100 | mm 315 | bar 350 | 1400 |



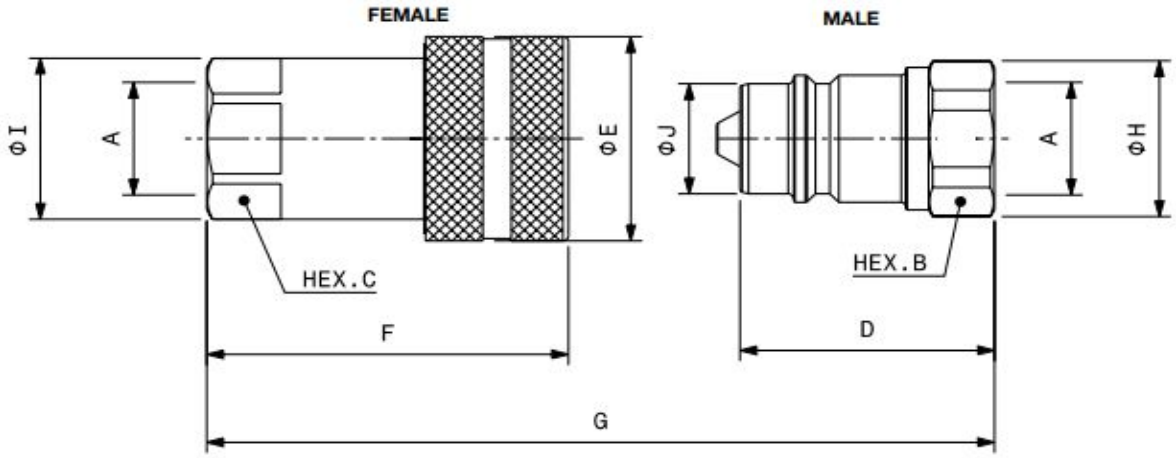

| CODICE MASCHIO | CODICE FEMMINA | Ø mm | Ø A | BASE | B | C | Ø D | L | CH1 | CH2 | Press. max di esercizio |
|---|---|---|---|---|---|---|---|---|---|---|---|
| IR 1/4CM | IR 1/4CF | 6 | 1/4" BSP | 04 | mm 35 | mm 55 | mm 27 | mm 71 | mm 19 | mm 21 | bar 350 |
| IR 3/8CM | IR 3/8CF | 10 | 3/8" BSP | 06 | mm 39 | mm 60,5 | mm 35 | mm 79,5 | mm 22 | mm 27 | bar 300 |
| IR 1/2CM | IR 1/2CF | 12 | 1/2" BSP | 08 | mm 45 | mm 73 | mm 40 | mm 90 | mm 27 | mm 32 | bar 250 |




| CODICE MASCHIO | CODICE FEMMINA | Ø mm | Ø A | BASE | B | C | Ø D | L | CH1 | CH2 | Press. max di esercizio |
|---|---|---|---|---|---|---|---|---|---|---|---|
| IR 3/4CM | IR 3/4CF | 20 | 3/4" BSP | 12 | mm 53 | mm 86 | mm 48 | mm 106,5 | mm 34 | mm 34 | bar 250 |
| IR 1CM | IR 1CF | 25 | 1" BSP | 16 | mm 58 | mm 95 | mm 58 | mm 116,5 | mm 41 | mm 41 | bar 200 |
| IR 1.1/4CM | IR 1.1/4CF | 32 | 1.1/4" BSP | 20 | mm 70 | mm 114 | mm 70 | mm 140 | mm 55 | mm 50 | bar 150 |
| IR 1.1/2 CM | IR 3CF | 38 | 1.1/2" BSP | 24 | mm 70 | mm 114 | mm 80 | mm 141 | mm 60 | mm 55 | bar 120 |

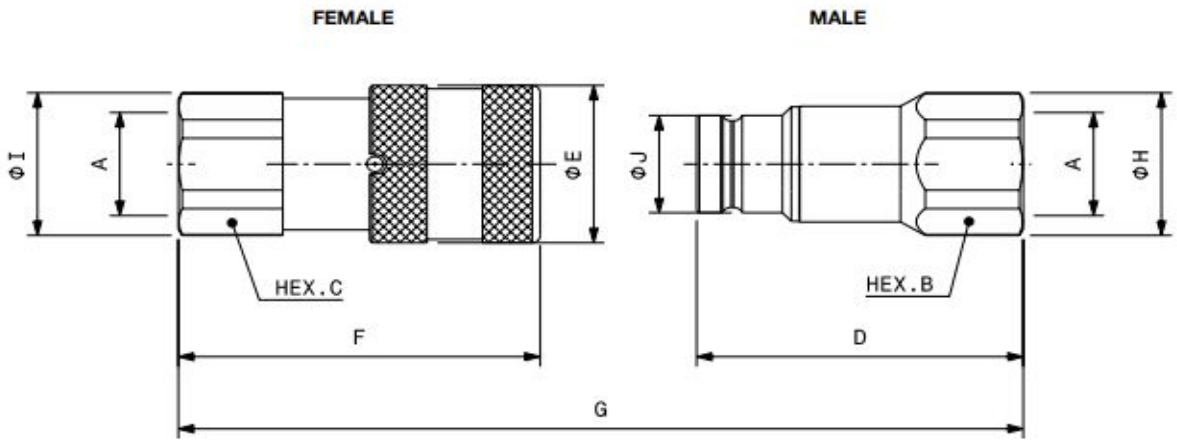



| CODICE MASCHIO | CODICE FEMMINA | Ø mm | Ø A | BASE | B | C | Ø D | L | CH1 | CH2 | Press. max di esercizio |
|---|---|---|---|---|---|---|---|---|---|---|---|
| IR 2CM | IR 2CF | 50 | 2" BSP | 32 | mm 89 | mm 139 | mm 114 | mm 177 | mm 70 | mm 70 | bar 100 |
| IR 2.1/2CM | IR 2.1/2CF | 63 | 2.1/2" BSP | 40 | mm 89 | mm 139 | mm 114 | mm 177 | mm 84 | mm 84 | bar 100 |
| IR 3CM | IR 3CF | 76 | 3" BSP | 48 | mm 100 | mm 155 | mm 139 | mm 200 | mm 100 | mm 100 | bar 70 |



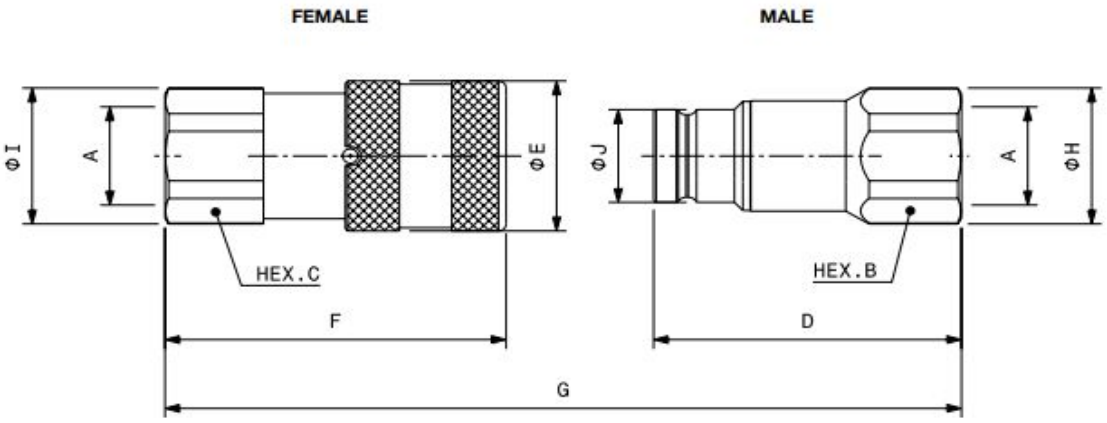

**BIR SERIES - (8005)**

| CODICE | | TIPO | DIAM. NOM. | MAX PRESS ESERCIZIO | A | B | C | D | E | F | G | H | I | J |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 800500000 | FEM | BIR14 | 6.3 | Mpa - 35 | 1/4" | | 19 | | 26 | 47,1 | 64,8 | | 22 | |
| 800500001 | MAS | | | | | 19 | | 32 | | | | 20,8 | | 11,8 |
| 800500002 | FEM | BIR38 | 10 | Mpa - 30 | 3/8" | | 22 | | 31 | 56.1 | 76.8 | | 24 | |
| 800500003 | MAS | | | | | 22 | | 38 | | | | 24 | | 17,3 |
| 800500004 | FEM | BIR12 | 12.5 | Mpa - 25 | 1/2" | | 27 | | 38 | 63.3 | 86,3 | | 29 | |
| 800500005 | MAS | | | | | 27 | | 44,5 | | | | 29 | | 20,5 |
| 800500006 | FEM | BIR34 | 20 | Mpa - 25 | 3/4" | | 38 | | 48 | 82,2 | 111,1 | | 38,5 | |
| 800500007 | MAS | | | | | 36 | | 55 | | | | 38,5 | | 29,1 |
| 800500008 | FEM | BIR100 | 25 | Mpa - 23 | 1" | | 45 | | 54 | 97,1 | 127,3 | | 52 | |
| 800500009 | MAS | | | | | 41 | | 63,1 | | | | 44,8 | | 34,3 |
| 800500010 | FEM | BIR114 | 31.5 | Mpa - 23 | 1-1/4" | | 50 | | 65 | 117,2 | 151,2 | | 55,5, | |
| 800500011 | MAS | | | | | 55 | | 75 | | | | 60 | | 45 |
| 800500012 | FEM | BIR112 | 40 | Mpa - 18 | 1-1/2" | | 60 | | 80 | 135,3 | 171,3 | | 65,5 | |
| 800500013 | MAS | | | | | 60 | | 85 | | | | 65,5 | | 55 |
| 800500014 | FEM | BIR200 | 50 | Mpa - 13 | 2" | | 75 | | 100 | 160,2 | 201,2 | | 83,7 | |
| 800500015 | MAS | | | | | 75 | | 100 | | | | 82,5 | | 65 |



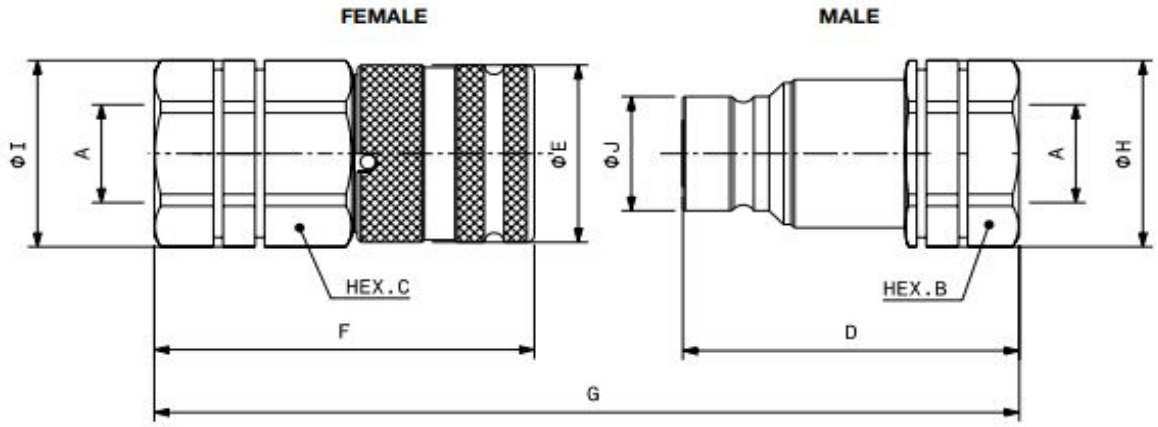

**FIRG SERIES - (8008) GAS**

| CODICE | | TIPO | DIAM. NOM. | MAX PRESS ESERCIZIO | A | B | C | D | E | F | G | H | I | J |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 800800000 | FEM | FIRG14 | 6.3 | Mpa - 30 | 1/4" | | 22 | | 28 | 48,1 | 85,2 | | 23,8 | |
| 800800001 | MAS | | | | | 22 | | 47,9 | | | | 23,8 | | 16,1 |
| 800800004 | FEM | FIRG38 | 10 | Mpa - 30 | 3/8" | | 27 | | 32 | 64,2 | 108.7 | | 29 | |
| 800800005 | MAS | | | | | 24 | | 60 | | | | 26 | | 19,7 |
| 800800002 | FEM | FIRG12 | 10 | Mpa - 30 | 1/2" | | 27 | | 32 | 69,2 | 116,2 | | 29 | |
| 800800003 | MAS | | | | | 27 | | 62,5 | | | | 29 | | 19,7 |
| 800800006 | FEM | FIRG12A | 12.5 | Mpa - 25 | 1/2" | | 32 | | 38 | 73,8 | 124,5 | | 33,8 | |
| 800800007 | MAS | | | | | 32 | | 68 | | | | 33,8 | | 24,5 |
| 800800008 | FEM | FIRG34 | 12.5 | Mpa - 25 | 3/4" | | 36 | | 38 | 80,8 | 134 | | 38,5 | |
| 800800009 | MAS | | | | | 36 | | 70,5 | | | | 38,5 | | 24,5 |
| 800800010 | FEM | FIRG34B | 16 | Mpa - 25 | 3/4" | | 36 | | 42 | 78,5 | 131,4 | | 38,5 | |
| 800800011 | MAS | | | | | 36 | | 70,5 | | | | 38,5 | | 27 |
| 800800020 | FEM | FIRG34A | 19 | Mpa - 33 | 3/4" | | 41 | | 48 | 88,7 | 149 | | 44,8 | |
| 800800021 | MAS | | | | | 41 | | 82,3 | | | | 44,8 | | 30 |
| 800800012 | FEM | FIRG100 | 19 | Mpa - 25 | 1" | | 45 | | 48 | 93,2 | 153,5 | | 47,8 | |
| 800800013 | MAS | | | | | 45 | | 82,3 | | | | 47,8 | | 30 |
| 800800014 | FEM | FIRG114 | 25 | Mpa - 25 | 1-1/4" | | 55 | | 55 | 106 | 172,8 | | 59,8 | |
| 800800015 | MAS | | | | | 55 | | 89,8 | | | | 59,8 | | 36 |
| 800800016 | FEM | FIRG112 | - | Mpa - 20 | 1-1/2" | | 65 | | 80 | 132,4 | 214,9 | | 72 | |
| 800800017 | MAS | | | | | 65 | | 111,1 | | | | 69,8 | | 57 |
| 800800018 | FEM | FIRG200 | - | Mpa - 20 | 2" | | 80 | | 100 | 156,6 | 241,5 | | 88,5 | |
| 800800019 | MAS | | | | | 75 | | 123,8 | | | | 83,5 | | 73 |




**FIRG SERIES - (8008) NPT**

| CODICE | | TIPO | DIAM. NOM. | MAX PRESS ESERCIZIO | A | B | C | D | E | F | G | H | I | J |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 800801000 | FEM | FIRG14 | 6.3 | Mpa - 30 | 1/4" | | 22 | | 28 | 48,1 | 85,2 | | 23,8 | |
| 800801001 | MAS | | | | | 22 | | 47,9 | | | | 23,8 | | 16,1 |
| 800801004 | FEM | FIRG38 | 10 | Mpa - 30 | 3/8" | | 27 | | 32 | 64,2 | 108.7 | | 29 | |
| 800801005 | MAS | | | | | 24 | | 60 | | | | 26 | | 19,7 |
| 800801002 | FEM | FIRG12 | 10 | Mpa - 30 | 1/2" | | 27 | | 32 | 69,2 | 116,2 | | 29 | |
| 800801003 | MAS | | | | | 27 | | 62,5 | | | | 29 | | 19,7 |
| 800801006 | FEM | FIRG12A | 12.5 | Mpa - 25 | 1/2" | | 32 | | 38 | 73,8 | 124,5 | | 33,8 | |
| 800801007 | MAS | | | | | 32 | | 68 | | | | 33,8 | | 24,5 |
| 800801008 | FEM | FIRG34 | 12.5 | Mpa - 25 | 3/4" | | 36 | | 38 | 80,8 | 134 | | 38,5 | |
| 800801009 | MAS | | | | | 36 | | 70,5 | | | | 38,5 | | 24,5 |
| 800801010 | FEM | FIRG34B | 16 | Mpa - 25 | 3/4" | | 36 | | 42 | 78,5 | 131,4 | | 38,5 | |
| 800801011 | MAS | | | | | 36 | | 70,5 | | | | 38,5 | | 27 |
| 800801020 | FEM | FIRG34A | 19 | Mpa - 33 | 3/4" | | 41 | | 48 | 88,7 | 149 | | 44,8 | |
| 800801021 | MAS | | | | | 41 | | 82,3 | | | | 44,8 | | 30 |
| 800801012 | FEM | FIRG100 | 19 | Mpa - 25 | 1" | | 45 | | 48 | 93,2 | 153,5 | | 47,8 | |
| 800801013 | MAS | | | | | 45 | | 82,3 | | | | 47,8 | | 30 |
| 800801014 | FEM | FIRG114 | 25 | Mpa - 25 | 1-1/4" | | 55 | | 55 | 106 | 172,8 | | 59,8 | |
| 800801015 | MAS | | | | | 55 | | 89,8 | | | | 59,8 | | 36 |
| 800801016 | FEM | FIRG112 | - | Mpa - 20 | 1-1/2" | | 65 | | 80 | 132,4 | 214,9 | | 72 | |
| 800801017 | MAS | | | | | 65 | | 111,1 | | | | 69,8 | | 57 |
| 800801018 | FEM | FIRG200 | - | Mpa - 20 | 2" | | 80 | | 100 | 156,6 | 241,5 | | 88,5 | |
| 800801019 | MAS | | | | | 75 | | 123,8 | | | | 83,5 | | 73 |

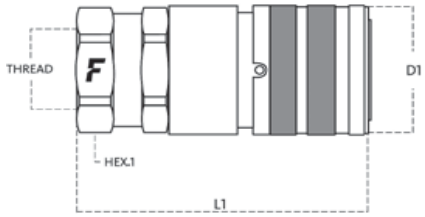



**A SERIES - (8013)**

| CODICE | | TIPO | DIAM. NOM. | MAX PRESS ESERCIZIO | A | B | C | D | E | F | G | H | I | J |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 801300002 | FEM | A4 | - | Mpa - 42 | 1/8" | | 19 | | 20 | 40 | 68,4 | | 20,5 | |
| 801300003 | MAS | | | | | 17 | | 36,3 | | | | 18,5 | | 11,6 |
| 801300004 | FEM | A7 | 6.3 | Mpa - 42 | 1/4" | | 27 | | 28 | 53,1 | 90,2 | | 29 | |
| 801300031 | MAS | | | | | 22 | | 47,9 | | | | 23,8 | | 16,1 |
| 801300006 | FEM | A9 | 10 | Mpa - 35 | 3/8" | | 30 | | 32 | 64,8 | 108,8 | | 32 | |
| 801300005 | MAS | | | | | 27 | | 60 | | | | 29 | | 19,7 |
| 801300008 | FEM | A9 | 10 | Mpa - 35 | 1/2" | | 30 | | 32 | 69,8 | 116,3 | | 32 | |
| 801300007 | MAS | | | | | 27 | | 62,5 | | | | 29 | | 19,7 |
| 801300014 | FEM | A13 | 12.5 | Mpa - 33 | 1/2" | | 36 | | 38 | 76,8 | 127,5 | | 40 | |
| 801300013 | MAS | | | | | 36 | | 68 | | | | 40 | | 24,5 |
| 801300016 | FEM | A13 | 12.5 | Mpa - 33 | 3/4" | | 36 | | 38 | 83,8 | 137 | | 40 | |
| 801300015 | MAS | | | | | 36 | | 70,5 | | | | 40 | | 24,5 |
| 801300040 | FEM | A17 | 19 | Mpa - 33 | 3/4" | | 46 | | 48 | 96,8 | 158,5 | | 49,8 | |
| 801300041 | MAS | | | | | 46 | | 83,7 | | | | 49,8 | | 30 |
| 801300050 | FEM | A21 | 25 | Mpa - 30 | 1" | | 55 | | 55 | 104,8 | 178,6 | | 59,8 | |
| 801300051 | MAS | | | | | 55 | | 96,8 | | | | 59,8 | | 36 |
| 801300052 | FEM | A25 | - | Mpa - 30 | 1-1/4" | | 55 | | 65 | 125,1 | 206,8 | | 65 | |
| 801300053 | MAS | | | | | 55 | | 105 | | | | 59,8 | | 44 |
| 801300026 | FEM | A30 | - | Mpa - 27 | 1-1/2" | | 65 | | 80 | 132,4 | 214,9 | | 82 | |
| 801300025 | MAS | | | | | 65 | | 111,1 | | | | 82 | | 57 |
| 801300038 | FEM | A30 | - | Mpa - 27 | 2" | | 75 | | 80 | 138 | 228,4 | | 82 | |
| 801300039 | MAS | | | | | 75 | | 119 | | | | 82 | | 57 |

**CARATTERISTICHE:**
**Connessione:** a faccia piana
**Disconnessione:** a faccia piana
**Occlusione:** a valvola sporgente

Innesti a faccia piana, **ISO 16028**, serie 35 MPa
Innesti a faccia piana per pressioni fino a 35 MPa e con trattamento Zinco-Nickel. Il sistema di chiusura a valvola piana garantisce l'impossibilità di contaminazione e di fuoriuscita del liquido. Intercambiabile secondo la norma ISO 16028.

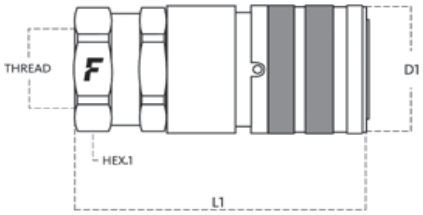



***FFH*** ***FEMMINA GAS***

| MISURA INNESTO | | FILETTATURA | | MISURE | | | |
|---|---|---|---|---|---|---|---|
| mm | inch | TIPO | MISURA | CODICE ARTICOLO | L1 mm | D1 mm | HEX1 mm |
| 3.2 | 1/8" | F BSPP | 1/8" | **FFH02 18GAS F** | 46.1 | 20 | 18 |
| 3.2 | 1/8" | F BSPP | 1/4" | **FFH02 14GAS F** | 51.3 | 20 | 18 |
| 6.3 | 1/4" | F BSPP | 1/4" | **FFH04 14GAS F** | 58.9 | 27 | 24 |
| 10.0 | 3/8" | F BSPP | 3/8" | **FFH06 38GAS FB** | 75.0 | 30 | 27 |
| 10.0 | 3/8" | F BSPP | 3/8" | **FFH06 38GAS FV** | 97.9 | 30 | 27 |
| 10.0 | 3/8" | F BSPP | 3/8" | **FFH06 38GAS F** | 75.0 | 30 | 27 |
| 10.0 | 3/8" | F BSPP | 1/2" | **FFH06 12GAS F** | 79.4 | 30 | 27 |
| 12.5 | 1/2" | F BSPP | 1/2" | **FFH08 12GAS FV** | 81.3 | 38 | 34 |
| 12.5 | 1/2" | F BSPP | 3/4" | **FFH08 34GAS F** | 84.8 | 38 | 34 |
| 12.5 | 1/2" | F BSPP | 1/2" | **FFH08 12GAS F** | 81.3 | 38 | 34 |
| 16.0 | 5/8" | F BSPP | 5/8" | **FFH10 58GAS F** | 91.1 | 42 | 38 |
| 16.0 | 5/8" | F BSPP | 3/4" | **FFH10 34GAS F** | 92.1 | 42 | 38 |
| 20.0 | 3/4" | F BSPP | 1" | **FFH12 1GAS F** | 104.3 | 48 | 42 |
| 20.0 | 3/4" | F BSPP | 3/4" | **FFH12 34GAS F** | 100.3 | 48 | 42 |
| 25.0 | 1" | F BSPP | 1-1/2" | **FFH16 112GAS F** | 105.3 | 55 | 55 |
| 25.0 | 1" | F BSPP | 1-1/4" | **FFH16 114GAS F** | 103.0 | 55 | 50 |
| 25.0 | 1" | F BSPP | 1" | **FFH16 1GAS F** | 100.5 | 55 | 50 |
| 31.5 | 1-1/4" | F BSPP | 1-1/4" | **FFH20 114GAS F** | 103.4 | 63 | 60 |

**CARATTERISTICHE:**
**Connessione:** a faccia piana
**Disconnessione:** a faccia piana
**Occlusione:** a valvola sporgente

Innesti a faccia piana, **ISO 16028**, serie 35 MPa
Innesti a faccia piana per pressioni fino a 35 MPa e con trattamento Zinco-Nickel. Il sistema di chiusura a valvola piana garantisce l'impossibilità di contaminazione e di fuoriuscita del liquido. Intercambiabile secondo la norma ISO 16028.

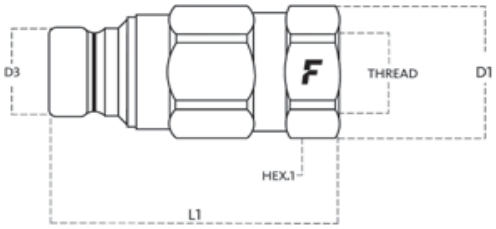



***FFH*** ***FEMMINA***

| MISURA INNESTO | | FILETTATURA | | MISURE | | | |
|---|---|---|---|---|---|---|---|
| mm | inch | TIPO | MISURA | CODICE ARTICOLO | L1 mm | D1 mm | HEX1 mm |
| 6.3 | 1/4" | 0/ SAE | 7/16"-20 UNF FEMALE ORB | **FFH04 14SAE F** | 59.0 | 27 | 24 |
| 6.3 | 1/4" | 0/ METRIC | M16x1.5 FEMALE ORB | **FFH04-0/1615 F** | 61.1 | 27 | 24 |
| 6.3 | 1/4" | 0/ SAE | 9/16"-18 UNF FEMALE ORB | **FFH04 38SAE F** | 59.6 | 27 | 24 |
| 6.3 | 1/4" | F NPTF | NPTF 1/4" FEMALE | **FFH04 14NPT F** | 58.9 | 27 | 24 |
| 10.0 | 3/8" | 0/ SAE | 3/4"-16 UNF FEMALE ORB | **FFH06 12SAE F** | 76.9 | 30 | 27 |
| 10.0 | 3/8" | F NPTF | NPTF 1/2" FEMALE | **FFH06 12NPT F** | 79.4 | 30 | 27 |
| 10.0 | 3/8" | F NPTF | NPTF 3/8" FEMALE | **FFH06 38NPT F** | 75.0 | 30 | 27 |
| 12.5 | 1/2" | F NPTF | NPTF 3/4" FEMALE | **FFH08 34NPT F** | 81.3 | 38 | 34 |
| 12.5 | 1/2" | 0/ SAE | 3/4"-16 UNF FEMALE ORB | **FFH08 12SAE F** | 81.3 | 38 | 34 |
| 12.5 | 1/2" | 0/ SAE | 7/8"-14 UNF FEMALE ORB | **FFH08 58SAE F** | 81.3 | 38 | 34 |
| 12.5 | 1/2" | 0/ SAE | 1-1/16"-12 UN FEMALE ORB | **FFH08 34SAE F** | 86.8 | 38 | 34 |
| 12.5 | 1/2" | F NPTF | NPTF 1/2" FEMALE | **FFH08 12NPT F** | 81.3 | 38 | 34 |
| 16.0 | 5/8" | 0/ SAE | 1-1/16"-12 UN FEMALE ORB | **FFH10 34SAE F** | 95.1 | 42 | 38 |
| 16.0 | 5/8" | F NPTF | NPTF 3/4" FEMALE | **FFH10 34NPT F** | 92.1 | 42 | 38 |
| 20.0 | 3/4" | 0/ METRIC | M33x2 FEMALE ORB | **FFH12-0/3320 F** | 102.6 | 48 | 42 |
| 20.0 | 3/4" | 0/ SAE | 1-1/16"-12 UN FEMALE ORB | **FFH12 34SAE F** | 104.3 | 48 | 42 |
| 20.0 | 3/4" | F NPTF | NPTF 3/4" FEMALE | **FFH12 34NPT F** | 100.3 | 48 | 42 |
| 20.0 | 3/4" | 0/ SAE | 1-5/16"-12 UN FEMALE ORB | **FFH12 1SAE F** | 104.3 | 48 | 42 |
| 20.0 | 3/4" | F NPTF | NPTF 1" FEMALE | **FFH12 1NPT F** | 104.3 | 48 | 42 |
| 25.0 | 1" | 0/ METRIC | M33x2 FEMALE ORB | **FFH16-0/3320 F** | 103.0 | 55 | 50 |
| 25.0 | 1" | 0/ SAE | 1-5/16"-12 UN FEMALE ORB | **FFH16 1SAE F** | 100.5 | 55 | 50 |
| 25.0 | 1" | F NPTF | NPTF 1" FEMALE | **FFH16 1NPT F** | 100.5 | 55 | 50 |
| 25.0 | 1" | F NPTF | NPTF 1-1/4" FEMALE | **FFH16 114NPT F** | 100.5 | 55 | 50 |

**CARATTERISTICHE:**
**Connessione:** a faccia piana
**Disconnessione:** a faccia piana
**Occlusione:** a valvola sporgente

Innesti a faccia piana, **ISO 16028**, serie 35 MPa
Innesti a faccia piana per pressioni fino a 35 MPa e con trattamento Zinco-Nickel. Il sistema di chiusura a valvola piana garantisce l'impossibilità di contaminazione e di fuoriuscita del liquido. Intercambiabile secondo la norma ISO 16028.

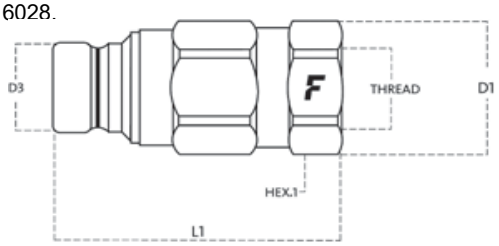



***FFH*** ***MASCHIO GAS***

| MISURA INNESTO | | FILETTATURA | MISURE | | | | |
|---|---|---|---|---|---|---|---|
| mm | inch | Thread | CODICE | L1 mm | D1 mm | D3 mm | HEX1 mm |
| 3.2 | 1/8" | BSPP 1/8" FEMALE | **FFH02 18GAS M** | 44 | 18 | 11.6 | 16 |
| 6.3 | 1/4" | BSPP 1/4" FEMALE | **FFH04 14GAS M** | 49 | 26 | 16.1 | 24 |
| 10.0 | 3/8" | BSPP 3/8" FEMALE | **FFH06 38GAS MB** | 68 | 33 | 19.7 | 30 |
| 10.0 | 3/8" | BSPP 3/8" FEMALE | **FFH06 38GAS MV** | 68 | 33 | 19.7 | 30 |
| 10.0 | 3/8" | BSPP 3/8" FEMALE | **FFH06 38GAS M** | 68 | 33 | 19.7 | 30 |
| 10.0 | 3/8" | BSPP 1/2" FEMALE | **FFH06 12GAS M** | 73 | 33 | 19.7 | 30 |
| 12.5 | 1/2" | BSPP 1/2" FEMALE | **FFH08 12GAS MV** | 75 | 37 | 24.5 | 34 |
| 12.5 | 1/2" | BSPP 3/4" FEMALE | **FFH08 34GAS M** | 78 | 37 | 24.5 | 34 |
| 12.5 | 1/2" | BSPP 1/2" FEMALE | **FFH08 12GAS M** | 75 | 37 | 24.5 | 34 |
| 16.0 | 5/8" | BSPP 5/8" FEMALE | **FFH10 58GAS M** | 91 | 45 | 27.0 | 41 |
| 16.0 | 5/8" | BSPP 3/4" FEMALE | **FFH10 34GAS M** | 91 | 45 | 27.0 | 41 |

**CARATTERISTICHE:**
**Connessione:** a faccia piana
**Disconnessione:** a faccia piana
**Occlusione:** a valvola sporgente

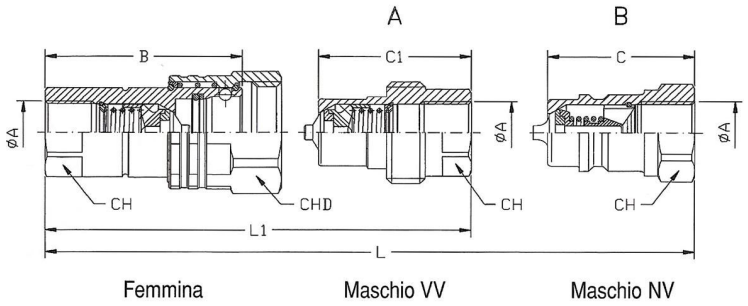
Innesti a faccia piana, **ISO 16028**, serie 35 MPa
Innesti a faccia piana per pressioni fino a 35 MPa e con trattamento Zinco-Nickel.
Il sistema di chiusura a valvola piana garantisce l'impossibilità di contaminazione
e di fuoriuscita del liquido. Intercambiabile secondo la norma ISO 16028.




***FFH*** ***MASCHIO***

| MISURA INNESTO | | FILETTATURA | MISURE | | | | |
|---|---|---|---|---|---|---|---|
| mm | inch | Thread | CODICE | L1 | D1 | D3 | HEX1 |
| | | | | mm | mm | mm | mm |
| 6.3 | 1/4" | 7/16"-20 UNF FEMALE ORB | **FFH04 14SAE M** | 49.0 | 26 | 16.1 | 24 |
| 6.3 | 1/4" | 3/4"-16 UNF FEMALE JIC | **FFH04-28/12S M** | 50.0 | 26 | 16.1 | 24 |
| 6.3 | 1/4" | 9/16"-18 UNF FEMALE ORB | **FFH04 38SAE M** | 52.0 | 26 | 16.1 | 24 |
| 6.3 | 1/4" | NPTF 1/4" FEMALE | **FFH04 14NPT M** | 49.0 | 26 | 16.1 | 24 |
| 10.0 | 3/8" | NPTF 3/8" FEMALE | **FFH06 38NPT MT** | 68.3 | 33 | 19.7 | 30 |
| 10.0 | 3/8" | 3/4"-16 UNF FEMALE ORB | **FFH06 12SAE M** | 71.8 | 33 | 19.7 | 30 |
| 10.0 | 3/8" | NPTF 1/2" FEMALE | **FFH06 12NPT M** | 71.8 | 33 | 19.7 | 30 |
| 10.0 | 3/8" | NPTF 3/8" FEMALE | **FFH06 38NPT M** | 68.3 | 33 | 19.7 | 30 |
| 12.5 | 1/2" | NPTF 1/2" FEMALE | **FFH08 12NPT MT** | 77.0 | 37 | 24.5 | 34 |
| 12.5 | 1/2" | 7/8"-14 UNF FEMALE ORB | **FFH08 58SAE M** | 76.0 | 37 | 24.5 | 34 |
| 12.5 | 1/2" | NPTF 3/4" FEMALE | **FFH08 34NPT M** | 77.0 | 37 | 24.5 | 34 |
| 12.5 | 1/2" | 3/4"-16 UNF FEMALE ORB | **FFH08 12SAE M** | 75.0 | 37 | 24.5 | 34 |
| 12.5 | 1/2" | 1-1/16"-12 UN FEMALE ORB | **FFH08 34SAE M** | 81.0 | 37 | 24.5 | 34 |
| 12.5 | 1/2" | NPTF 1/2" FEMALE | **FFH08 12NPT M** | 77.0 | 37 | 24.5 | 34 |
| 16.0 | 5/8" | 1-1/16"-12 UN FEMALE ORB | **FFH10 34SAE M** | 94.1 | 45 | 27.0 | 41 |
| 16.0 | 5/8" | NPTF 3/4" FEMALE | **FFH10 34NPT M** | 91.1 | 45 | 27.0 | 41 |
| 20.0 | 3/4" | 1-1/16"-12 UN FEMALE ORB | **FFH12 34SAE M** | 101.6 | 46 | 30.0 | 42 |
| 20.0 | 3/4" | NPTF 3/4" FEMALE | **FFH12 34NPT M** | 101.6 | 46 | 30.0 | 42 |
| 20.0 | 3/4" | 1-5/16"-12 UN FEMALE ORB | **FFH12 1SAE M** | 101.6 | 46 | 30.0 | 42 |
| 20.0 | 3/4" | NPTF 1" FEMALE | **FFH12 1NPT M** | 101.5 | 46 | 30.0 | 42 |

***CARATTERISTICHE:***
***Connessione:*** *a vite*
***Disconnessione:*** *a vite*
***Occlusione:*** *a valvola sporgente*
***Innestabilità:*** *parti maschio e femmina in pressione*
***Disinnestabilità in pressione:*** *consentita*

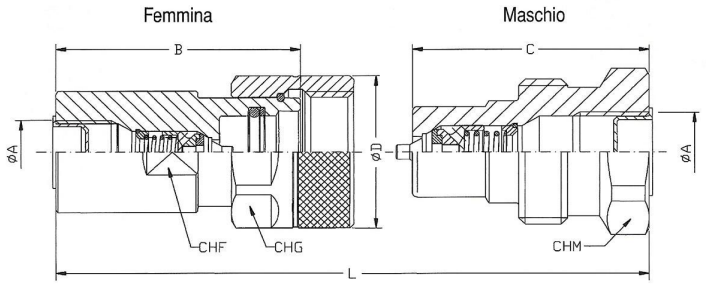



## VV

| BASE | | Diametro nominale | Portata nominale | Press. max di eserc. | Pressione minima di scoppio Innestato | Maschio | Femmina | Perdita di olio |
|---|---|---|---|---|---|---|---|---|
| 1/4" | 04 | 5,5 | l/min 18 | MPa 35 | MPa 150 | MPa 140 | MPa 170 | cc max 1,5 |
| 3/8" | 06 | 9,8 | l/min 30 | MPa 30 | MPa 150 | MPa 120 | MPa 120 | cc max 2 |
| 1/2" | 08 | 10,5 | l/min 45 | MPa 30 | MPa 160 | MPa 120 | MPa 130 | cc max 3 |
| 3/4" | 12 | 13,7 | l/min 90 | MPa 25 | MPa 120 | MPa 100 | MPa 100 | cc max 10 |
| 1" | 16 | 15,6 | l/min 140 | MPa 23 | MPa 100 | MPa 90 | MPa 98 | cc max 15 |

| | * | Femmina | MaschioA | MaschioB | Ø A | Norme | B | C | C1 | L | L1 | CH | Ghiera | CHD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 04 | VV14GAS F | VV14GAS M | NV14GAS M | 1/4" BSP | DIN 3852-2-X | | | | | | | | |
| | | VV14NPT F | VV14NPT M | NV14NPT M | 1/4" NPTF | ANSI B1.20.3 | 50 | 33 | 33 | 66 | 66 | 19 | 1"-12 unf | 27 |
| | 06 | VV38GAS F | VV38GAS M | NV38GAS M | 3/8" BSP | DIN 3852-2-X | | | | | | | | |
| | | VV38NPT F | VV38NPT M | NV38NPT M | 3/8" NPTF | ANSI B1.20.3 | 59,5 | 39 | 40,5 | 78 | 79,5 | 24 | 1" 1/4 - 8 UN | 34 |
| | 08 | VV12GAS F | VV12GAS M | NV12GAS M | 1/2" BPS | DIN 3852-2-X | 66 | 44 | 49 | 88 | 93 | 27 | 1" 3/8 - 8 UN | 38 |
| | | VV12NPT F | VV12NPT M | NV12NPT M | 1/2" NPTF | ANSI B1.20.3 | | | | | | | | |
| | 12 | VV34GAS F | VV34GAS M | NV34GAS M | 3/4" BSP | DIN 3852-2-X | | | | | | | | |
| | | VV34NPT F | VV34NPT M | NV34NPT M | 3/4NPTF | ANSI B1.20.3 | 84 | 55 | 62 | 110 | 117 | 34 | 1" 3/4 - 6 UN | 50 |
| | 16 | VV1GAS F | VV1GAS M | NV1GAS M | 1" BSP | DIN 3852-2-X | | | | | | | | |
| | | VV1NPT F | VV1NPT M | NV1NPT M | 1" NPTF | ANSI B1.20.3 | 99,5 | 66 | 70 | 132 | 136 | 41 | M52X4 | 55 |

***CARATTERISTICHE:***
***Connessione:*** *a vite*
***Disconnessione:*** *a vite*
***Occlusione:*** *a valvola sporgente*
***Innestabilità:*** *parti maschio e femmina in pressione*
***Disinnestabilità in pressione:*** *consentita*

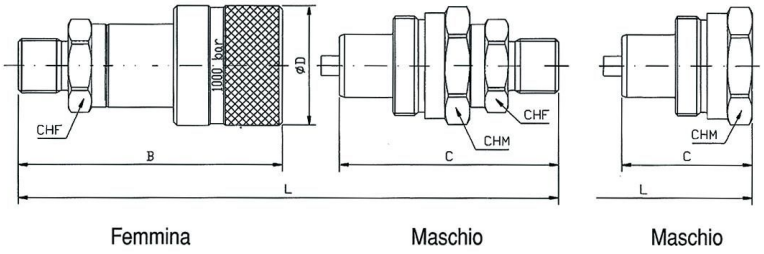



## VVS

| BASE | | Diametro nominale | Portata nom. | Press. max di eserc. | Pressione minima di scoppio Innestato | Maschio | Femmina | Perdita di olio |
|---|---|---|---|---|---|---|---|---|
| 1/4" | 04 | mm 4,5 | l/min 8 | MPa 80 | MPa 250 | MPa 240 | MPa 240 | cc max 1 |
| 3/8" | 06 | mm 5,5 | l/min 18 | MPa 76 | MPa 230 | MPa 290 | MPa 250 | cc max 1,5 |
| 1/2" | 08 | mm 9,8 | l/min 30 | MPa 73 | MPa 220 | MPa 238 | MPa 220 | cc max 2 |
| 5/8" | 10 | mm 10,5 | l/min 45 | MPa 70 | MPa 214 | MPa 212 | MPa 230 | cc max 3 |
| 3/4" | 12 | mm 13,7 | l/min 90 | MPa 53 | MPa 194 | MPa 160 | MPa 224 | cc max 10 |
| 1" | 16 | mm 22,8 | l/min 140 | MPa 60 | MPa 200 | MPa 180 | MPa 180 | cc max 15 |
| 1" 1/2 | 24 | mm 24,7 | l/min 300 | MPa 40 | MPa 150 | MPa 120 | MPa 150 | cc max 38 |
| 2" | 32 | mm 43,9 | l/min 1000 | MPa 35 | MPa 105 | MPa 130 | MPa 130 | cc max 46 |

| | * | Femmina | Maschio | Ø A | Norme | B | C | Ghiera | Ø D | L | CHF | CHM | CHG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 04 | VVS14GAS F | VVS14GAS M | 1/4" BSP | DIN 3852-2-X | | | | | | | | |
| | | VVS14NPT F | VVS14NPT M | 1/4" NPTF | ANSI B1.20.3 | 58 | 43 | 1" - 12 UNF | 30 | 84 | 22 | 25 | 27 |
| | 06 | VVS38GAS F | VVS38GAS M | 3/8" BSP | DIN 3852-2-X | | | | | | | | |
| | | VVS38NPT F | VVS38NPT M | 3/8"NPTF | ANSI B1.20.3 | 62 | 48 | 1" 1/4 - 8 UN | 40 | 89,5 | 30 | 32 | 36 |
| | 08 | VVS12GAS F | VVS12GAS M | 1/2" BSP | DIN 3852-2-X | | | | | | | | |
| | | VVS12NPT F | VVS12 NPT M | 1/2" NPTF | ANSI B1.20.3 | 71 | 53 | 1" 3/8 - 8 UN | 45 | 102 | 34 | 34 | 41 |
| | 12 | VVS34GAS F | VVS34GAS M | 3/4" BSP | DIN 3852-2-X | | | | | | | | |
| | | VVS34NPT F | VVS34NPT M | 3/4" NPTF | ANSI B1.20.3 | 87 | 63 | 1"-3/4 - 6 UN | 55 | 121 | 41 | 46 | 50 |
| | 16 | VVS1GAS F | VVS1GAS M | 1" BSP | DIN 3852-2-X | | | | | | | | |
| | | VVS1NPT F | VVS1NPT M | 1" NPTF | ANSI B1.20.3 | 100 | 72 | M52X4 | 60 | 138,5 | 50 | 50 | 55 |
| | 20 | VVS114GAS F | VVS114GAS M | 1"-1/4 BSP | DIN 3852-2-X | | | | | | | | |
| | | VVS114NPT F | VVS114NPT M | 1"-1/4 NPTF | ANSI B1.20.3 | 123 | 86 | M68X6 | 80 | 167 | 65 | 65 | 75 |
| | 24 | VVS112GAS F | VVS112GAS M | 1"-1/2 | DIN 3852-2-X | | | | | | | | |
| | | VVS112NPT F | VVS112NPT M | 1"-1/2 NPTF | ANSI B1.20.3 | 137 | 95 | M78X6 | 98 | 187,5 | 75 | 80 | 90 |
| | 32 | VVS2GAS F | VVS2GAS M | 2" BSP | DIN 3852-2-X | | | | | | | | |
| | | VVS2NPT F | VVS2NPT M | 2" NPTF | ANSI B1.20.3 | 160 | 118 | M115X8 | 129 | 227 | 100 | 110 | 125 |

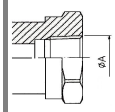
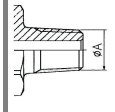
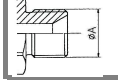
***CARATTERISTICHE:***
***Connessione:*** *a vite*
***Disconnessione:*** *a vite*
***Occlusione:*** *a valvola sporgente*
***Innestabilità:*** *parti maschio e femmina in pressione*
***Disinnestabilità in pressione:*** *consentita*



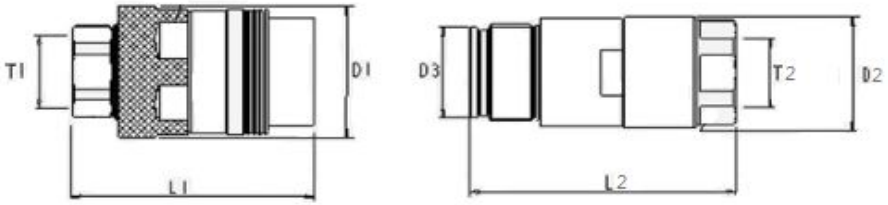

Femmina Maschio Maschio

## PVVM

| BASE | | Diametro nominale | Portata nom. | Press. max di eserc. | Pressione minima di scoppio Innestato | Maschio | Femmina | Perdita di olio |
|---|---|---|---|---|---|---|---|---|
| 1/4" | 04 | mm 4,1 | l/min 15 | MPa 105 | MPa 350 | MPa 310 | MPa 330 | cc max 0,1 |
| 3/8" | 06 | mm 5,5 | l/min 20 | MPa 100 | MPa 350 | MPa 290 | MPa 300 | cc max 1 |

| | * | Femmina | Maschio | Ø A | Norme | B | C | Ghiera | Ø D | L | CHF | CHM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 04 | | PVVM14NPT M | 1/4" NPTF | ANSI B1.20.3 | | 34 | | | | | 27 |
| | 06 | | PVVM38NPT M | 3/8" NPTF | ANSI B1.20.3 | | 39 | | | | | 32 |
|  | 04 | PVVM1/14NPT F | | 1/4" NPTF | ANSI B1.20.3 | 62,8 | 55 | 1"-18 UN | 30 | 98,8 | 21 | 27 |
| | 06 | PVVM38-1/14NPT F | | 1/4" NPTF | ANSI B1.20.3 | 83,3 | 64,8 | 1" 3/16-16 UN | 36 | 122,7 | 25 | 32 |
| | | PVVM1/38NPT F | | 3/8" NPTF | ANSI B1.20.3 | 83,3 | 64,8 | 1" 3/16-16 UN | 36 | 122,7 | 25 | 32 |
| | | PVVM1/38GAS F | | 3/8" BSP | DIN 3852-2-X | 83,3 | 64,8 | 1" 3/16-16 UN | 36 | 122,7 | 25 | 32 |
|  | 06 | PVVM38-23/14G F | PVVM38-23/14G M | 1/4" BSP | DIN 3852-2-X | 82,3 | 63,8 | 1" 3/16-16 UN | 36 | 120,7 | 25 | 32 |

***CARATTERISTICHE:***
***Connessione:*** *a vite*
***Disconnessione:*** *a vite*
***Occlusione:*** *a valvola Piatta*
***Innestabilità:*** *Maschio in pressione*
***Disinnestabilità in pressione:*** *consentita*



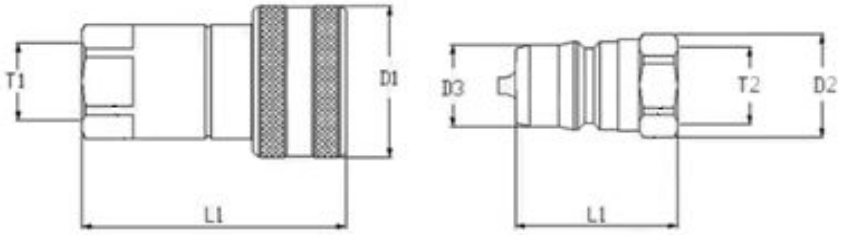

## FHV-ET

| BASE | | Diametro nominale | Portata nom. | Press. max di eserc. | Pressione minima di scoppio Innestato | Maschio | Femmina | Perdita di olio |
|---|---|---|---|---|---|---|---|---|
| 06 | 3/8" | 10 | l/min 32 | Mpa 53 | Mpa 160 | Mpa 140 | Mpa 140 | 0,01 ml |
| 08 | 1/2" | 12,5 | l/min 70 | Mpa 53 | Mpa 160 | Mpa 140 | Mpa 140 | 0,01 ml |
| 12 | 3/4" | 20 | l/min 120 | Mpa 46 | Mpa 160 | Mpa 140 | Mpa 140 | 0,02 ml |
| 16 | 1" | 25 | l/min 200 | Mpa 53 | Mpa 160 | Mpa 140 | Mpa 140 | 0,03 ml |
| 20 | 1.1/4" | 31,5 | l/min 350 | Mpa 46 | Mpa 160 | Mpa 140 | Mpa 140 | 0,03 ml |
| 24 | 1.1\2" | 37,5 | l/min 420 | Mpa 46 | Mpa 160 | Mpa 140 | Mpa 140 | 0,03 ml |
| 32 | 2" | 50 | l/min 750 | Mpa 35 | Mpa 120 | Mpa 100 | Mpa 80 | 0,03 ml |

| * | Fil. | Femina | Maschio | T1 | T2 | L1 | L2 | | D1 | D2 | D3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 06 | GAS | FHV06ET 38GAS F | FHV06ET 38GAS M | 3/8" | 3/8" | 101,8 | 96.8 | | 48 | 33 | 23 |
| | NPT | FHV06ET 38NPT F | FHV06ET 38NPT M | 3/8" | 3/8" | 101,8 | 96.8 | | 48 | 33 | 23 |
| 08 | GAS | FHV08ET 12GAS F | FHV08ET 12GAS M | 1/2" | 1/2" | 109,7 | 109.5 | | 55 | 44,5 | 31 |
| | NPT | FHV08ET 12NPT F | FHV08ET 12NPT M | 1/2" | 1/2" | 109,7 | 109,5 | | 55 | 44,5 | 31 |
| 12 | GAS | FHV12ET 34GAS F | FHV12ET 34GAS M | 3/4" | 3/4" | 129,5 | 122,5 | | 64 | 44,5 | 31 |
| | NPT | FHV12ET 34NPT F | FHV12ET 34NPT M | 3/4" | 3/4" | 129,5 | 122,5 | | 64 | 44,5 | 31 |
| 16 | GAS | FHV16ET 1GAS F | FHV16ET 1GAS M | 1" | 1" | 138 | 124,5 | | 74 | 54,5 | - |
| | NPT | FHV16ET 1NPT F | FHV16ET 1NPT M | 1" | 1" | 138 | 124,5 | | 74 | 54,5 | - |
| 20 | GAS | FHV20ET 114GAS F | FHV20ET 114GAS M | 1.1/4" | 1.1/4" | 146,7 | 143,8 | | 74 | 64 | 43,8 |
| | NPT | FHV20ET 114NPT F | FHV20ET 114NPT M | 1.1/4" | 1.1/4" | 146,7 | 143,8 | | 74 | 64 | 43,8 |
| 24 | GAS | FHV24ET 112GAS F | FHV24ET 112GAS M | 1.1\2" | 1.1\2" | 170,4 | 165,8 | | 100 | 68 | 47,8 |
| | NPT | FHV24ET 112NPT F | FHV24ET 112NPT M | 1.1\2" | 1.1\2" | 170,4 | 165,8 | | 100 | 68 | 47,8 |

***CARATTERISTICHE:***
***Connessione:*** *Arretramento Ghiera*
***Disconnessione:*** *Arretramento Ghiera*
***Occlusione:*** *Disco*
***Innestabilità:*** *parti maschio e femmina non in pressione*
***Disinnestabilità in pressione:*** *Non consentita*

**disponibili in ottone e inox*

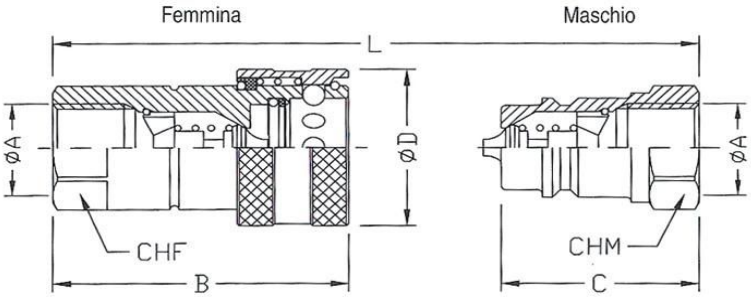



## HNV

| BASE | | Diametro nominale | Portata nom. | Press. max di eserc. | Pressione minima di scoppio Innestato | Maschio | Femmina | Perdita di olio |
|---|---|---|---|---|---|---|---|---|
| 02 | 1/8" | 3,2 | l/min 5 | Mpa 50 | Mpa 200 | Mpa 240 | Mpa 200 | 0,5 ml |
| 04 | 1/4" | 6,3 | l/min 17 | Mpa 45 | Mpa 180 | Mpa 180 | Mpa 200 | 1 ml |
| 06 | 3/8" | 10 | l/min 50 | Mpa 30 | Mpa 180 | Mpa 130 | Mpa 120 | 1,5 ml |
| 08 | 1/2" | 12,5 | l/min 75 | Mpa 35 | Mpa 150 | Mpa 140 | Mpa 140 | 2,8 ml |
| 12 | 3/4" | 20 | l/min 190 | Mpa 25 | Mpa 100 | Mpa 110 | Mpa 100 | 10 ml |
| 16 | 1" | 25 | l/min 270 | Mpa 30 | Mpa 120 | Mpa 120 | Mpa 120 | 13 ml |
| 24 | 1.1\2" | 37,5 | l/min 750 | Mpa 14 | Mpa 60 | Mpa 56 | Mpa 56 | 80 ml |
| 32 | 2" | 50 | l/min 1600 | Mpa 9 | Mpa 45 | Mpa 38 | Mpa 40 | 160 ml |

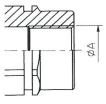
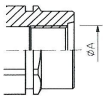
| * | Fil. | Femina | Maschio | T1 | T2 | L1 | L2 | | D1 | D2 | D3 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 02 | GAS | HNV 18 GAS F | HNV 18 GAS M | 1/8" | 1/8" | 50,3 | 31,5 | | 23 | 18,5 | 10,8 |
| | NPT | HNV 18 NPT F | HNV 18 NPT M | 1/8" | 1/8" | 50,3 | 31,5 | | 23 | 18,5 | 10,8 |
| 04 | GAS | HNV 14 GAS F | HNV 14 GAS M | 1/4" | 1/4" | 56 | 35 | | 28 | 21 | 14,1 |
| | NPT | HNV 14 NPT F | HNV 14 NPT M | 1/4" | 1/4" | 56 | 35 | | 28 | 21 | 14,1 |
| 06 | GAS | HNV 38 GAS F | HNV 38 GAS M | 3/8" | 3/8" | 64 | 39 | | 35 | 24,5 | 19 |
| | NPT | HNV 38 NPT F | HNV 38 NPT M | 3/8" | 3/8" | 64 | 39 | | 35 | 24,5 | 19 |
| 08 | GAS | HNV 12 GAS F | HNV 12 GAS M | 1/2" | 1/2" | 71,5 | 44 | | 44 | 30 | 23,5 |
| | NPT | HNV 12 NPT F | HNV 12 NPT M | 1/2" | 1/2" | 71,5 | 44 | | 44 | 30 | 23,5 |
| 12 | GAS | HNV 34 GAS F | HNV 34 GAS M | 3/4" | 3/4" | 89 | 55 | | 52 | 38 | 31,5 |
| | NPT | HNV 34 NPT F | HNV 34 NPT M | 3/4" | 3/4" | 89 | 55 | | 52 | 38 | 31,5 |
| 16 | GAS | HNV 1 GAS F | HNV 1 GAS M | 1" | 1" | 106 | 66 | | 62 | 45 | 37,8 |
| | NPT | HNV 1 NPT F | HNV 1 NPT M | 1" | 1" | 106 | 66 | | 62 | 45 | 37,8 |
| 24 | GAS | HNV 112 GAS F | HNV 112 GAS M | 1.1\2" | 1.1\2" | 126,4 | 126 | | 75 | 71 | 44,5 |
| | NPT | HNV 112 NPT F | HNV 112 NPT M | 1.1\2" | 1.1\2" | 126,4 | 126 | | 75 | 71 | 44,5 |
| 32 | GAS | HNV 2 GAS F | HNV 2 GAS M | 2" | 2" | 142 | 142 | | 105 | 97 | 63,3 |
| | NPT | HNV 2 NPT F | HNV 2 NPT M | 2" | 2" | 142 | 142 | | 105 | 97 | 63,3 |

***CARATTERISTICHE:***
***Connessione:*** *arretrando la ghiera*
***Disconnessione:*** *arretrando la ghiera*
***Occlusione:*** *a valvola sporgente*
***Innestabilità:*** *in assenza di pressione*
***Disinnestabilità in pressione:*** *non consentita*

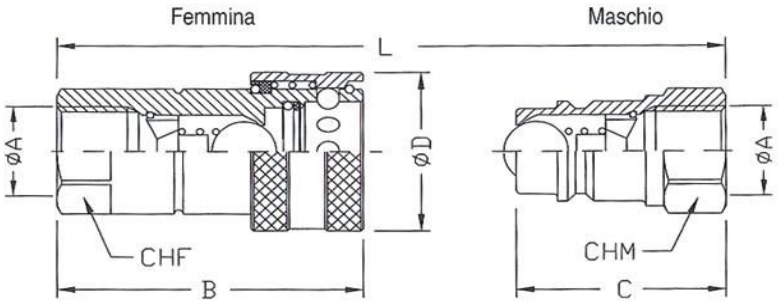



## NV

| BASE | | Diametro nominale | Portata nom. | Forza di innesto | Press. max di eserc. | Pressione minima di scoppio Innestato | Maschio | Femmina | Perdita di olio |
|---|---|---|---|---|---|---|---|---|---|
| 1/4" | 04 | mm 6 | l/min 15 | 55 | MPa 35 | MPa 140 | MPa 140 | MPa 140 | cc max 0,8 |
| 3/8" | 06 | mm 9 | l/min 50 | 85 | MPa 30 | MPa 140 | MPa 120 | MPa 120 | cc max 1,3 |
| 1/2" | 08 | mm 10,5 | l/min 75 | 92 | MPa 30 | MPa 130 | MPa 120 | MPa 130 | cc max 1,8 |
| 3/4" | 12 | mm 16 | l/min 150 | 150 | MPa 25 | MPa 100 | MPa 100 | MPa 100 | cc max 8 |
| 1" | 16 | mm 17,5 | l/min 230 | 130 | MPa 23 | MPa 95 | MPa 95 | MPa 98 | cc max 13 |
| 1" 1/4 | 20 | mm 22,5 | l/min 340 | 145 | MPa 22 | MPa 92 | MPa 92 | MPa 90 | cc max 30 |
| 1" 1/2 | 24 | mm 29,5 | l/min 450 | 265 | MPa 18 | MPa 80 | MPa 70 | MPa 70 | cc max 34 |
| 2" | 32 | mm 47 | l/min 1000 | 250 | MPa 13 | MPa 64 | MPa 55 | MPa 70 | cc max 100 |

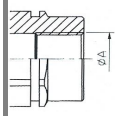
| | * | | Femmina | Maschio | Ø A | Norme | B | C | Ø D | L | CHF | CHM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 04 | A | NV14 GAS F | NV14 GAS M | 1/4" BSP | DIN 3852-2-X | 50 | 33 | 27 | 66 | 19 | 19 |
| | 06 | A | NV38 GAS F | NV38 GAS M | 3/8" BSP | DIN 3852-2-X | 59,5 | 39 | 33 | 78 | 24 | 24 |
| | | | NV1815 F | | M 18X1,5 | DIN 3852-2-X | 59,5 | 39 | 33 | 78 | 24 | 24 |
| | 08 | A | NV 12 GAS F | NV12 GAS M | 1/2" BSP | DIN 3852-2-X | 66 | 44 | 38 | 88 | 27 | 27 |
| | | B | NV 0/2215 F | NV 0/2215 M | M 22X1,5 | ISO 6149-1 | 66 | 47 | 38 | 88 | 27 | 27 |
| | 12 | A | NV34 GAS F | NV34 GAS M | 3/4" BSP | DIN 3852-2-X | 82,5 | 53,5 | 48 | 107 | 34 | 34 |
| | | | | | | | | | | | | |
|  | 16 | A | NV 1 GAS F | NV 1 GAS M | 1" BSP | DIN 3852-2-X | 100 | 66 | 56 | 132 | 41 | 41 |
| | | | | | | | | | | | | |
| | 20 | A | NV 114 GAS F | NV 114 GAS M | 1" 1/4 BSP | DIN 3852-2-X | 115 | 73 | 70 | 146 | 50 | 50 |
| | | | | | | | | | | | | |
| | 24 | A | NV 112 GAS F | NV 112 GAS M | 1" 1/2 BSP | DIN 3852-2-X | 127,5 | 83,5 | 84 | 166 | 60 | 60 |
| | | | | | | | | | | | | |
| | 32 | | NV 2 GAS F | NV 2 GAS M | 2" BSP | DIN 3852-2-X | 151 | 100 | 119 | 200 | 75 | 75 |

***CARATTERISTICHE:***
***Connessione:*** *arretrando la ghiera*
***Disconnessione:*** *arretrando la ghiera*
***Occlusione:*** *a valvola sporgente*
***Innestabilità:*** *in assenza di pressione*
***Disinnestabilità in pressione:*** *non consentita*



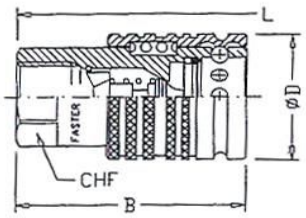

## NS

| BASE | | Diametro nominale | Portata nom. | Forza di innesto | Press. max di eserc. | Pressione minima di scoppio Innestato | Maschio | Femmina | Perdita di olio |
|---|---|---|---|---|---|---|---|---|---|
| 1/4" | 04 | mm 5 | l/min 15 | 55 | MPa 25 | MPa 140 | MPa 100 | MPa 100 | cc max 0,7 |
| 3/8" | 06 | mm 7 | l/min 30 | 83 | MPa 25 | MPa 140 | MPa 100 | MPa 100 | cc max 1 |
| 1/2" | 08 | mm 8,5 | l/min 50 | 89 | MPa 20 | MPa 120 | MPa 85 | MPa 80 | cc max 1,5 |
| 3/4" | 12 | mm 12 | l/min 80 | 170 | MPa 17 | MPa 150 | MPa 68 | MPa 95 | cc max 7 |
| 1" | 16 | mm 13,5 | l/min 140 | 140 | MPa 22 | MPa 160 | MPa 90 | MPa 120 | cc max 11 |

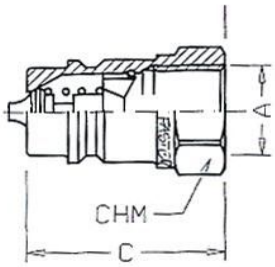
| | * | | Femmina | Maschio | Ø A | Norme | B | C | Ø D | L | CHF | CHM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | 04 | A | NS 14 GAS F | NS 14 GAS M | 1/4" BSP | DIN 3852-2-X | 50 | 33 | 27 | 66 | 19 | 19 |
| | 06 | A | NS 38 GAS F | NS 38 GAS M | 3/8" BSP | DIN 3852-2-X | 59,5 | 39 | 33 | 78 | 24 | 24 |
| | | | | NS 1815 M | M 18X1,5 | DIN 3852-2-X | 59,5 | 39 | 33 | 78 | 24 | 24 |
| | 08 | A | NS 12 GAS F | NS 12 GAS M | 1/2" BSP | DIN 3852-2-X | 66 | 44 | 38 | 88 | 27 | 27 |
| | 12 | A | NS 34 GAS F | NS 34 GAS M | 3/4" BSP | DIN 3852-2-X | 82,5 | 53,5 | 48 | 107 | 34 | 34 |
| | 16 | A | NS 1 GAS F | NS 1 GAS M | 1" BSP | DIN 3852-2-X | 100 | 66 | 56 | 132 | 41 | 41 |

***CARATTERISTICHE:***
***Connessione:*** *spingendo la parte maschio (push)*
***Disconnessione:*** *tirando la parte maschio (pull)*
***Occlusione:*** *a valvola sporgente*
***Innestabilità:*** *in assenza di pressione*
***Disinnestabilità in pressione:*** *non consentita*

Femmina




Maschio

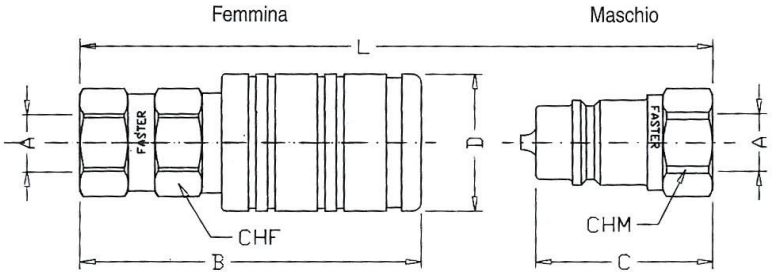



## PV

| BASE | Diametro nominale | Portata nom. | Forza di innesto | Press. max di eserc. | Pressione minima di scoppio Innestato | Maschio | Femmina | Perdita di olio |
|---|---|---|---|---|---|---|---|---|
| 08 | mm 10,5 | l/min 75 | 160 | MPa 26 | MPa 148 | MPa 105 | MPa 110 | cc max 1,8 |

| | * | | Femmina | Maschio | Ø A | Norme | B | C | Ø D | L | CHF | CHM |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |
| | 08 | | PV 12 GAS F | NV 12 GAS M | 1/2" BSP | DIN 3852-2-X | 66 | 44 | 38 | 88 | 27 | 27 |
| | | | PV 12 NPT F | NV 12 NPT M | 1/2" NPTF | ANSI B 1.20.3 | 66 | 44 | 38 | 88 | 27 | 27 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |

***CARATTERISTICHE:***
***Connessione:*** *spingendo la parte maschio (push)*
***Disconnessione:*** *tirando la parte maschio (pull)*
***Occlusione:*** *a valvola sporgente*
***Innestabilità:*** *solo parte maschio in pressione*
***Disinnestabilità in pressione:*** *solo come manovra di emergenza*




## 3CPV

| BASE | Diametro nominale | Portata nom. | Forza di innesto | Press. max di eserc. | Pressione minima di scoppio Innestato | Maschio | Femmina | Perdita di olio |
|---|---|---|---|---|---|---|---|---|
| 08 | mm 10,5 | l/min 70 | 185 | MPa 25 | MPa 100 | MPa 105 | MPa 100 | cc max 1,8 |

| | * | Femmina | Maschio | Ø A | Norme | B | C | Ø D | L | CHF | CHM |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 08 | 3CPV 12GAS F | | 1/2" BSP | DIN 3852-2-X | 89.3 | 44 | 38 | 111.3 | 27 | 27 |
| | | 3CPV 12NPT F | | 1/2" NPTF | ANSI B 1.20.3 | 89.3 | 44 | 38 | 111.3 | 27 | 27 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | 08 | 3CPV 34UNF F | | 3/4" UNF | SAE J 1926-1 | 89,3 | 44 | 38 | 111,3 | 27 | 27 |
| | | 3CPV 78UNF F | | 7/8" UNF | SAE J 1926-1 | 91,3 | 44 | 38 | 111,3 | 27 | 27 |
| | | 3CPV 0/2215 F | | M 22X1,5 | ISO 6149-1 | 89,3 | 44 | 38 | 111,3 | 27 | 27 |
| | | | | | | | | | | | |

***TAPPI DI PROTEZIONE IN PVC***

*I tappi protettivi in PVC sono prodotti con una particolare molecola antiolio che resiste alle temperature da -30°C a + 100°C.*
*Disponibile in diversi colori e personalizzabili per quantitativi minimi.*

TM 12

**TAPPI MASCHIO PER INNESTO FEMMINA**

| | | | |
|---|---|---|---|
| TM 12L | TM 12 L/A | TM 12 L/G | TM 12 L/N |
| | TM 12 L/N | TM 12 L/R | |

**TAPPI FEMMINA PER INNESTO MASCHIO**

| | | | |
|---|---|---|---|
| TF 12 | TF 12 A | TF 12 N | TF 12 V |
| | TF 12 G | TF 12 R | |


TF 12

***TAPPI DI PROTEZIONE AUTOMATICI TA***

*Studiati per innesti rapidi tipo* ***PUSH-PULL***
*Si chiude automaticamente quando viene disinnestata la parte maschio e impedisce l'entrata di polvere e sporco. Costruito in Nylon con molle in acciaio inossidabile, risulta particolarmente resistente agli urti e agli agenti atmosferici. E' disponibile il tappo* ***TA*** *colore nero, con coperchio speciale per inserti colorati (Cod. TAID) che agevolano l'identificazione delle linee.Disponibile in diversi colori e personalizzabili per quantitativi minimi.*

TA ID 12

**TAPPI PER FEMMINA**

| | | | |
|---|---|---|---|
| TM 12 | TA 12G | TA 12R | TA 12N |
| | TA 12 V | TA 12 M | |

TA 12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**Filiale: 41100 MODENA - Via Respighi, 78 - Tel 059 270966 - Fax 059 3680302**

**e-mail: om@omoleodinamica.com - www.omoleodinamica.com - C.F. e P.IVA 00478760424**