

FF FLEXTUBO

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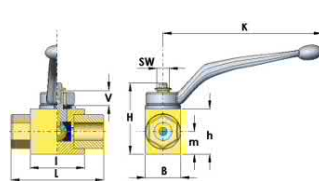
MP3 4.9

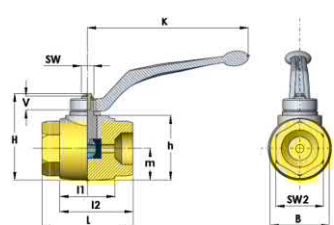
MP4 4.9

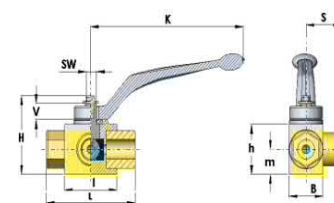
MP6 4.9

FF FLEXTUBO

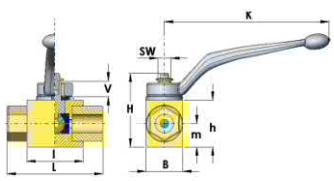
RUBINETTI E VALVOLE - VALVES

| BKHR | RUBINETTI A SFERA ALTA PRESSIONE - HIGH PRESSURE 2-WAY BALL VALVES | | | | | | | | | | | | Note Notes |
|---|--|-------------------|------------------------------------|----|----|----|----|------|----|----|-----|-----|---------------|
| | Cod. Art. Code | Filetto Thread | Dimensioni (mm) Dimensions (mm) | | | | | | | | | | |
| | | | L | l | B | H | h | m | V | SW | WP | K | |
|  | BKHR 1/8 | 1/8" | 69 | 40 | 26 | 47 | 33 | 13,5 | 11 | 9 | 500 | 115 | BSP |
| | BKHR 1/4 | 1/4" | 69 | 40 | 26 | 47 | 33 | 13,5 | 11 | 9 | 500 | 115 | BSP |
| | BKHR 3/8 | 3/8" | 72 | 43 | 32 | 52 | 38 | 17,5 | 11 | 9 | 500 | 115 | BSP |
| | BKHR 1/2 | 1/2" | 83 | 48 | 35 | 54 | 40 | 19 | 11 | 9 | 500 | 115 | BSP |
| | BKHR 3/4 | 3/4" | 95 | 62 | 49 | 75 | 57 | 24,5 | 14 | \ | 315 | 200 | BSP |
| | BKHR 1" | 1" | 113 | 66 | 58 | 83 | 65 | 29,5 | 14 | 14 | 315 | 200 | BSP |
| | BKHR 1.1/4 | 1" 1/4 | 120 | 66 | 58 | 83 | 65 | 29,5 | 14 | 14 | 315 | 200 | BSP |
| | BKHR 1.1/2 | 1" 1/2 | | | | | | | | | | | |

| MKHR | RUBINETTI ALTA PRESSIONE - HIGH-PRESSURE 2-WAY BALL VALVES | | | | | | | | | | | | Note Notes |
|--|--|-------------------|------------------------------------|-------|-----|-----|-----|------|------|----|-----|-----|---------------|
| | Cod. Art. Code | Filetto Thread | Dimensioni (mm) Dimensions (mm) | | | | | | | | | | |
| | | | L | l | B | H | h | m | V | SW | WP | K | |
|  | MKHR 1.1/4 | 1" 1/4 | 111 | 95 | 81 | 107 | 86 | 40,5 | 16,5 | 17 | 350 | 320 | BSP |
| | MKHR 1.1/2 | 1" 1/2 | 130 | 107,5 | 100 | 124 | 103 | 50 | 16,5 | 17 | 350 | 320 | BSP |
| | MKHR 2" | 2" | 140 | 120 | 118 | 138 | 117 | 59 | 16,5 | 17 | 350 | 320 | BSP |
| | | | | | | | | | | | | | |

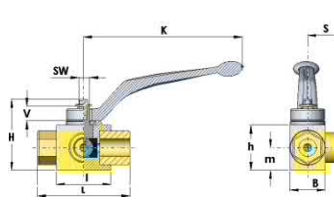
| BK3 | RUBINETTO ALTA PRESSIONE 3 VIE - 3-WAY SELECTOR BALL VALVES | | | | | | | | | | | | Note Notes |
|---|---|-------------------|------------------------------------|----|----|----|----|------|----|----|-----|------|---------------|
| | Cod. Art. Code | Filetto Thread | Dimensioni (mm) Dimensions (mm) | | | | | | | | | | |
| | | | L | l | B | H | h | m | V | SW | WP | K | |
|  | BK3 1/8 | 1/8" | 69 | 40 | 26 | 47 | 33 | 13,5 | 11 | 9 | 315 | 34,5 | BSP |
| | BK3 1/4 | 1/4" | 69 | 40 | 26 | 47 | 33 | 13,5 | 11 | 9 | 315 | 34,5 | BSP |
| | BK3 3/8 | 3/8" | 72 | 43 | 32 | 52 | 38 | 17,5 | 11 | 9 | 315 | 36 | BSP |
| | BK3 1/2 | 1/2" | 83 | 48 | 35 | 54 | 40 | 19 | 11 | 9 | 315 | 41,5 | BSP |
| | BK3 3/4 | 3/4" | 95 | 62 | 49 | 75 | 57 | 24,5 | 14 | 14 | 315 | 47,5 | BSP |
| | BK3 1" | 1" | 113 | 66 | 58 | 83 | 65 | 29,5 | 14 | 14 | 315 | 56,5 | BSP |
| | BK3 1.1/4 | 1" 1/4 | 120 | 66 | 58 | 83 | 65 | 29,5 | 14 | 14 | 315 | 60 | BSP |
| | | | | | | | | | | | | | |

Disponibile versione "L" e "T" - Form of port : "L" e "T"

| BKHR TV | RUBINETTI A SFERA ALTA PRESSIONE - HIGH PRESSURE 2-WAY BALL VALVES | | | | | | | | | | | | Note Notes |
|---|--|-------------------|------------------------------------|----|----|----|----|------|----|----|-----|-----|---------------|
| | Cod. Art. Code | Filetto Thread | Dimensioni (mm) Dimensions (mm) | | | | | | | | | | |
| | | | L | l | B | H | h | m | V | SW | WP | K | |
|  | BKHR 1/8TV | 1/8" | 69 | 40 | 26 | 47 | 33 | 13,5 | 11 | 9 | 500 | 115 | BSP |
| | BKHR 1/4TV | 1/4" | 69 | 40 | 26 | 47 | 33 | 13,5 | 11 | 9 | 500 | 115 | BSP |
| | BKHR 3/8TV | 3/8" | 72 | 43 | 32 | 52 | 38 | 17,5 | 11 | 9 | 500 | 115 | BSP |
| | BKHR 1/2TV | 1/2" | 83 | 48 | 35 | 54 | 40 | 19 | 11 | 9 | 500 | 115 | BSP |
| | BKHR 3/4TV | 3/4" | 95 | 62 | 49 | 75 | 57 | 24,5 | 14 | 14 | 315 | 200 | BSP |
| | BKHR 1"TV | 1" | 113 | 66 | 58 | 83 | 65 | 29,5 | 14 | 14 | 315 | 200 | BSP |
| | BKHR 1.1/4TV | 1" 1/4 | 120 | 66 | 58 | 83 | 65 | 29,5 | 14 | 14 | 315 | 200 | BSP |
| | BKHR 1.1/2TV | 1" 1/2 | | | | | | | | | | | |

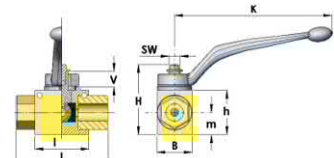
Guarnizioni in Teflon e Viton

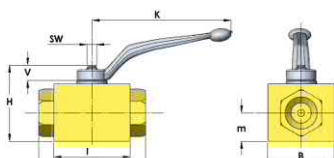
RUBINETTI E VALVOLE - VALVES

| BK3 TV | RUBINETTO ALTA PRESSIONE 3 VIE - 3-WAY SELECTOR BALL VALVES | | | | | | | | | | | | |
|---|---|----------------|------------------------------------|----|----|----|----|------|----|----|-----|------|------------|
| | Cod. Art. Code | Filetto Thread | Dimensioni (mm) Dimensions (mm) | | | | | | | | | | Note Notes |
| | | | L | l | B | H | h | m | V | SW | WP | K | |
|  | BK3 1/8TV | 1/8" | 69 | 40 | 26 | 47 | 33 | 13,5 | 11 | 9 | 315 | 34,5 | BSP |
| | BK3 1/4TV | 1/4" | 69 | 40 | 26 | 47 | 33 | 13,5 | 11 | 9 | 315 | 34,5 | BSP |
| | BK3 3/8TV | 3/8" | 72 | 43 | 32 | 52 | 38 | 17,5 | 11 | 9 | 315 | 36 | BSP |
| | BK3 1/2TV | 1/2" | 83 | 48 | 35 | 54 | 40 | 19 | 11 | 9 | 315 | 41,5 | BSP |
| | BK3 3/4TV | 3/4" | 95 | 62 | 49 | 75 | 57 | 24,5 | 14 | 14 | 315 | 47,5 | BSP |
| | BK3 1"TV | 1" | 113 | 66 | 58 | 83 | 65 | 29,5 | 14 | 14 | 315 | 56,5 | BSP |
| | BK3 1.1/4TV | 1" 1/4 | 120 | 66 | 58 | 83 | 65 | 29,5 | 14 | 14 | 315 | 60 | BSP |
| | BK3 1.1/2TV | 1" 1/2 | | | | | | | | | | | |

Disponibile versione "L" e "T" - Form of port : "L" e "T"

Guarnizioni in Teflon e Viton

| BKHR /CF | RUBINETTI A SFERA ALTA PRESSIONE CON FORI - HIGH PRESSURE 2-WAY BALL VALVES | | | | | | | | | | | | |
|--|---|----------------|------------------------------------|----|----|----|----|------|----|----|-----|-----|------------|
| | Cod. Art. Code | Filetto Thread | Dimensioni (mm) Dimensions (mm) | | | | | | | | | | Note Notes |
| | | | L | l | B | H | h | m | V | SW | WP | K | |
|  | BKHR/CF 1/8 | 1/8" | 69 | 40 | 26 | 47 | 33 | 13,5 | 11 | 9 | 500 | 115 | F= |
| | BKHR/CF 1/4 | 1/4" | 69 | 40 | 26 | 47 | 33 | 13,5 | 11 | 9 | 500 | 115 | F= |
| | BKHR/CF 3/8 | 3/8" | 72 | 43 | 32 | 52 | 38 | 17,5 | 11 | 9 | 500 | 115 | F= |
| | BKHR/CF 1/2 | 1/2" | 83 | 48 | 35 | 54 | 40 | 19 | 11 | 9 | 500 | 115 | F= |
| | BKHR/CF 3/4 | 3/4" | 95 | 62 | 49 | 75 | 57 | 24,5 | 14 | 14 | 315 | 200 | F= |
| | BKHR/CF 1" | 1" | 113 | 66 | 58 | 83 | 65 | 29,5 | 14 | 14 | 315 | 200 | F= |
| | BKHR/CF 1.1/4 | 1" 1/4 | 120 | 66 | 58 | 83 | 65 | 29,5 | 14 | 14 | 315 | 200 | F= |

| BKHP | RUBINETTI ALTISSIMA PRESSIONE - HIGHEST-PRESSURE 2-WAY BALL VALVES | | | | | | | | | | | | |
|---|--|----------------|------------------------------------|-----|----|-----|----|----|----|-----|----|---|------------|
| | Cod. Art. Code | Filetto Thread | Dimensioni (mm) Dimensions (mm) | | | | | | | | | | Note Notes |
| | | | L | l | B | H | h | m | V | SW | WP | K | |
|  | BKHP 1/4 | 1/4" | 130 | 76 | 50 | 64 | 25 | 11 | 9 | 800 | | | NPT |
| | BKHP 3/8 | 3/8" | 130 | 76 | 50 | 64 | 25 | 11 | 9 | 800 | | | NPT |
| | BKHP 1/2 | 1/2" | 130 | 76 | 50 | 64 | 25 | 11 | 9 | 800 | | | NPT |
| | BKHP 3/4 | 3/4" | 161 | 111 | 90 | 108 | 45 | 14 | 14 | 800 | | | NPT |
| | BKHP 1" | 1" | 164 | 111 | 90 | 108 | 45 | 14 | 14 | 800 | | | NPT |

RUBINETTI E VALVOLE - VALVES

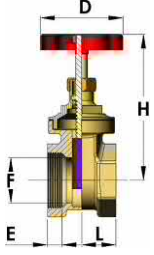
| 080 - 120 | VALVOLA SFERA PASSAGGIO TOTALE FEMMINA FEMMINA - FULL FLOW BALL VALVE F/F | | | | | | | | | | | | Note Notes |
|-----------|---|-------------------|------------------------------------|------|-----|-----|-----|------|------|----|----|---|---------------|
| | Cod. Art. Code | Filetto Thread | Dimensioni (mm) Dimensions (mm) | | | | | | | | | | |
| | | | L | l | B | H | h | m | V | SW | WP | K | |
| | 080 1/4 | 1/4" | 51 | 25,5 | 40 | 80 | 10 | 25,5 | 25,5 | 18 | 50 | | |
| | 080 3/8 | 3/8" | 60 | 25,5 | 40 | 80 | 10 | 29,7 | 29,7 | 21 | 50 | | |
| | 080 1/2 | 1/2" | 75 | 32,5 | 50 | 89 | 15 | 37,5 | 37,5 | 25 | 50 | | |
| | 080 3/4 | 3/4" | 80 | 42 | 59 | 113 | 20 | 40 | 40 | 31 | 40 | | |
| | 080 1" | 1" | 90 | 49,5 | 63 | 113 | 25 | 45,2 | 45,2 | 38 | 40 | | |
| | 080 1.1/4 | 1" 1/4 | 110 | 59,5 | 77 | 138 | 32 | 55 | 55 | 48 | 30 | | |
| | 080 1.1/2 | 1" 1/2 | 120 | 72 | 91 | 158 | 40 | 60 | 60 | 54 | 30 | | |
| | 080 2" | 2" | 140 | 66 | 97 | 158 | 50 | 70,2 | 70,2 | 67 | 25 | | |
| | 120 2.1/2 | 2" 1/2 | 147 | 122 | 122 | 247 | 65 | | | | 18 | | |
| | 120 3" | 3" | 168 | 142 | 134 | 247 | 80 | | | | 16 | | |
| | 120 4" | 4" | 202 | 180 | 151 | 247 | 100 | | | | 14 | | |

MATERIALE OT/58 + TENUTA TEFLON

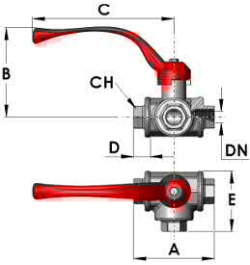
| 081 - 121 | RUBINETTO SFERA PASSAGGIO TOTALE MASCHIO FEMMINA - FULL FLOW BALL VALVE M/F | | | | | | | | | | | | Note Notes |
|-----------|---|-------------------|------------------------------------|------|-----|-----|----|------|------|----|----|---|---------------|
| | Cod. Art. Code | Filetto Thread | Dimensioni (mm) Dimensions (mm) | | | | | | | | | | |
| | | | L | l | B | H | h | m | V | SW | WP | K | |
| | 081 1/4 | 1/4" | 58 | 25,5 | 40 | 80 | 10 | 28,7 | 28,7 | 18 | 50 | | |
| | 081 3/8 | 3/8" | 63 | 25,5 | 40 | 80 | 10 | 31,5 | 31,5 | 21 | 50 | | |
| | 081 1/2 | 1/2" | 77 | 32,5 | 50 | 89 | 15 | 38,5 | 38,5 | 25 | 50 | | |
| | 081 3/4 | 3/4" | 84 | 42 | 59 | 113 | 20 | 42 | 42 | 31 | 40 | | |
| | 081 1" | 1" | 92 | 49,5 | 63 | 113 | 25 | 46 | 46 | 38 | 40 | | |
| | 081 1.1/4 | 1" 1/4 | 110 | 59,5 | 77 | 138 | 32 | 55 | 55 | 48 | 30 | | |
| | 081 1.1/2 | 1" 1/2 | 121 | 72 | 91 | 158 | 40 | 60,5 | 60,5 | 54 | 30 | | |
| | 081 2" | 2" | 141 | 86 | 97 | 158 | 50 | 70,5 | 70,5 | 67 | 25 | | |
| | 121 2.1/2 | 2" 1/2 | 156 | 122 | 122 | 247 | 65 | | | | 18 | | |

| 125 | RUBINETTO A SFERA MINI FEMMINA FEMMINA - MINI BALL VALVE | | | | | | | | | | | | Note Notes |
|-----|--|-------------------|------------------------------------|----|----|----|----|----|---|----|----|---|---------------|
| | Cod. Art. Code | Filetto Thread | Dimensioni (mm) Dimensions (mm) | | | | | | | | | | |
| | | | L | l | B | H | h | m | V | SW | WP | K | |
| | 125 1/4 | 1/4" | 39 | 21 | 9 | 38 | 8 | 22 | | | 15 | | |
| | 125 3/8 | 3/8" | 41 | 21 | 10 | 38 | 8 | 22 | | | 15 | | |
| | 125 1/2 | 1/2" | 48 | 25 | 12 | 42 | 10 | 22 | | | 15 | | |
| | 125 3/4 | 3/4" | 54 | 30 | 15 | 47 | 14 | 22 | | | 15 | | |

RUBINETTI E VALVOLE - VALVES

| 157 | SARACINESCA OTTONE STAMPATO MODELLO PESANTE - HOT PRESSED BRASS GATE VALVE | | | | | | | | | | | | Note Notes |
|---|--|-------------------|------------------------------------|-----|-----|----|----|---|---|----|----|----|---------------|
| | Cod. Art. Code | Filetto Thread | Dimensioni (mm) Dimensions (mm) | | | | | | | | | | |
| | | | L | l | B | H | h | m | V | SW | WP | K | |
|  | 157 3/8 | 3/8" | 33 | 67 | 45 | 13 | 8 | | | | | 10 | |
| | 157 1/2 | 1/2" | 43 | 68 | 45 | 15 | 10 | | | | | 10 | |
| | 157 3/4 | 3/4" | 47 | 78 | 50 | 19 | 11 | | | | | 10 | |
| | 157 1" | 1" | 53 | 93 | 55 | 24 | 13 | | | | | 10 | |
| | 157 1.1/4 | 1" 1/4 | 57 | 108 | 60 | 32 | 14 | | | | | 10 | |
| | 157 1.1/2 | 1" 1/2 | 61 | 125 | 70 | 37 | 14 | | | | | 10 | |
| | 157 2" | 2" | 67 | 143 | 80 | 47 | 16 | | | | | 10 | |
| | 157 2.1/2 | 2" 1/2 | 74 | 175 | 100 | 60 | 17 | | | | | 10 | |
| | 157 3" | 3" | 86 | 205 | 100 | 72 | 19 | | | | | 10 | |
| | 157 4" | 4" | 98 | 235 | 120 | 93 | 22 | | | | | 10 | |

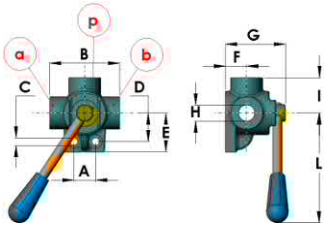
MATERIALE OT/58

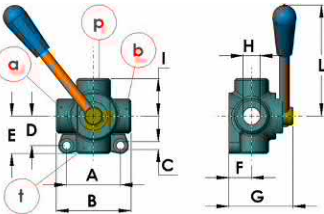
| 128 | RUBINETTO A SFERA A 3 VIE - 3-WAYS BALL VALVE | | | | | | | | | | | | Note Notes |
|--|---|-------------------|------------------------------------|-----|-----|----|----|-----|---|----|----|---|---------------|
| | Cod. Art. Code | Filetto Thread | Dimensioni (mm) Dimensions (mm) | | | | | | | | | | |
| | | | L | l | B | H | h | m | V | SW | WP | K | |
|  | 128 1/4 | 1/4" | 77 | 85 | 125 | 19 | 10 | 58 | | 22 | 25 | | |
| | 128 3/8 | 3/8" | 77 | 85 | 125 | 19 | 12 | 58 | | 22 | 25 | | |
| | 128 1/2 | 1/2" | 77 | 85 | 125 | 19 | 14 | 58 | | 27 | 25 | | |
| | 128 3/4 | 3/4" | 92 | 107 | 145 | 23 | 18 | 70 | | 34 | 25 | | |
| | 128 1" | 1" | 104 | 124 | 170 | 25 | 23 | 80 | | 41 | 25 | | |
| | 128 1.1/4 | 1" 1/4 | 118 | 134 | 170 | 27 | 29 | 92 | | 50 | 25 | | |
| | 128 1.1/2 | 1" 1/2 | 138 | 145 | 170 | 31 | 36 | 109 | | 57 | 25 | | |
| | 128 2" | 2" | 162 | 186 | 260 | 36 | 45 | 128 | | 70 | 25 | | |

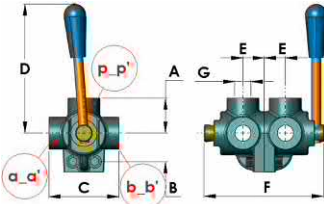
MATERIALE OT/58 + TENUTA TEFLON

Disponibile versione "L" e "T"

RUBINETTI E VALVOLE - VALVES

| MP3 | DISTRIBUTORE ROTANTE A 3 VIE - 3 WAYS DIVERTER FLOW | | | | | | | | | | | | Note Notes |
|---|---|-------------------|------------------------------------|-----|-----|----|----|------|-----|-----|-----|----|---------------|
| | Cod. Art. Code | Filetto Thread | Dimensioni (mm) Dimensions (mm) | | | | | | | | | | |
| | | | L | l | B | H | h | m | V | SW | WP | K | |
|  | MP3 3/8 | 3/8" | 24 | 73 | 8,5 | 31 | 42 | 21 | 62 | 60 | 300 | 36 | BSP |
| | MP3 1/2 | 1/2" | 30 | 85 | 11 | 36 | 53 | 24 | 70 | 90 | 250 | 43 | BSP |
| | MP3 3/4 | 3/4" | 32 | 91 | 11 | 41 | 54 | 28 | 80 | 120 | 220 | 47 | BSP |
| | MP3 1" | 1" | 32 | 98 | 11 | 50 | 64 | 31,5 | 90 | 180 | 220 | 51 | BSP |
| | MP3 1.1/2 | 1" 1/2 | 41 | 130 | 11 | 62 | 80 | 44 | 115 | 280 | 200 | 64 | BSP |

| MP4 | DISTRIBUTORE ROTANTE A 4 VIE - 4 WAYS DIVERTER FLOW | | | | | | | | | | | | Note Notes |
|--|---|-------------------|------------------------------------|----|-----|----|------|----|----|----|-----|----|---------------|
| | Cod. Art. Code | Filetto Thread | Dimensioni (mm) Dimensions (mm) | | | | | | | | | | |
| | | | L | l | B | H | h | m | V | SW | WP | K | |
|  | MP4 3/8 | 3/8" | 54 | 77 | 8,5 | 27 | 38,5 | 24 | 71 | 35 | 250 | 36 | BSP |
| | MP4 1/2 | 1/2" | 68 | 90 | 8,5 | 32 | 45 | 28 | 80 | 50 | 250 | 43 | BSP |
| | MP4 3/4 | 3/4" | 74 | 95 | 8,5 | 38 | 47,5 | 32 | 90 | 90 | 220 | 47 | BSP |

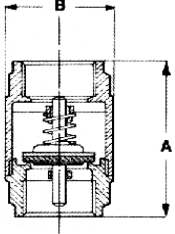
| MP6 | DISTRIBUTORE ROTANTE A 6 VIE 3 POSIZIONI - 6 WAYS DIVERTER FLOW | | | | | | | | | | | | Note Notes |
|---|---|-------------------|------------------------------------|----|----|-----|------|-----|---|-----|-----|---|---------------|
| | Cod. Art. Code | Filetto Thread | Dimensioni (mm) Dimensions (mm) | | | | | | | | | | |
| | | | L | l | B | H | h | m | V | SW | WP | K | |
|  | MP6 3/8 | 3/8" | 36 | 42 | 73 | 110 | 21 | 124 | | 40 | 315 | | BSP |
| | MP6 1/2 | 1/2" | 43 | 53 | 85 | 120 | 24 | 140 | | 70 | 280 | | BSP |
| | MP6 3/4 | 3/4" | 47 | 54 | 91 | 125 | 28 | 160 | | 120 | 250 | | BSP |
| | MP6 1" | 1" | 51 | 64 | 98 | 130 | 31,5 | 180 | | 180 | 250 | | BSP |

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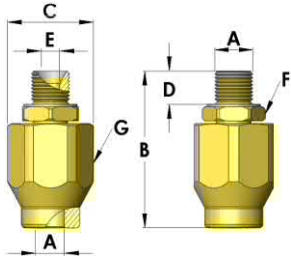
| Gruppo-Group | Pag. |
|---------------------|-------------|
| 100 | 4.13 |
| GGD | 4.13 |
| GG90 | 4.13 |
| GG90 | 4.13 |
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| VRB/D | 4.14 |
| VRD1 | 4.15 |
| VRD2 | 4.15 |
| VP | 4.15 |
| VNP | 4.16 |
| VNR | 4.16 |
| VNR3 | 4.16 |
| VNR5 | 4.16 |
| | |
| | |

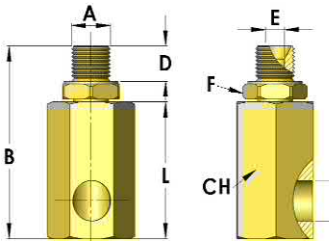
FF FLEXTUBO

GIUNTI E VALVOLE COUPLINGS AND VALVES

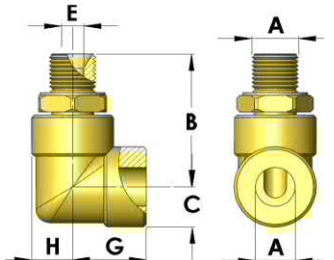
| 100 | VALVOLA DI RITEGNO IN OT/58 - CHECK VALVE OT/58 | | | | | | | | | | | | |
|---|---|----------------|------------------------------------|------|---|---|---|---|---|----|----|----|------------|
| | Cod. Art. Code | Filetto Thread | Dimensioni (mm) Dimensions (mm) | | | | | | | | | | Note Notes |
| | | | L | l | B | H | h | m | V | SW | WP | K | |
|  | 100 3/8 | 3/8" | 54 | 34,5 | | | | | | | | 25 | |
| | 100 1/2 | 1/2" | 57 | 34,5 | | | | | | | | 25 | |
| | 100 3/4 | 3/4" | 64 | 41,5 | | | | | | | | 25 | |
| | 100 1" | 1" | 75 | 48 | | | | | | | | 25 | |
| | 100 1.1/4 | 1" 1/4 | 82 | 60,5 | | | | | | | | 18 | |
| | 100 1.1/2 | 1" 1/2 | 93 | 71 | | | | | | | | 18 | |
| | 100 2" | 2" | 100 | 87 | | | | | | | | 18 | |
| | 100 2.1/2 | 2" 1/2 | 120 | 120 | | | | | | | | 12 | |
| | | | | | | | | | | | | | |

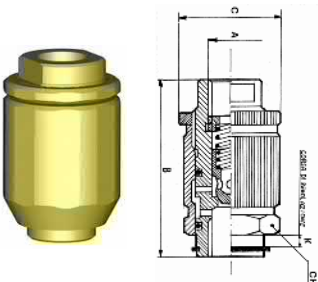
MATERIALE OT/58

| GGD | GIUNTI GIREVOLI IN LINEA - LINE ROTATING COUPLING | | | | | | | | | | | | |
|--|---|----------------|------------------------------------|----|----|-----|----|----|-----|-----|----|---|------------|
| | Cod. Art. Code | Filetto Thread | Dimensioni (mm) Dimensions (mm) | | | | | | | | | | Note Notes |
| | | | L | l | B | H | h | m | V | SW | WP | K | |
|  | GGD 1/4 | 1/4" | 61 | 33 | 11 | 6,5 | 19 | 30 | 200 | 400 | | | |
| | GGD 3/8 | 3/8" | 66 | 37 | 14 | 9 | 24 | 34 | 200 | 400 | | | |
| | GGD 1/2 | 1/2" | 70 | 42 | 15 | 12 | 27 | 36 | 150 | 300 | | | |
| | GGD 3/4 | 3/4" | 79 | 50 | 19 | 16 | 34 | 45 | 150 | 300 | | | |
| | GGD 1" | 1" | 90 | 55 | 21 | 20 | 41 | 50 | 100 | 300 | | | |
| | GGD 1.1/4 | 1" 1/4 | 101 | 60 | 24 | 28 | 50 | 55 | 100 | 300 | | | |
| | GGD 1.1/2 | 1" 1/2 | 110 | 70 | 25 | 34 | 55 | 75 | 80 | 300 | | | |
| | GGD 2" | 2" | 110 | 85 | 27 | 44 | 66 | 90 | 50 | 250 | | | |

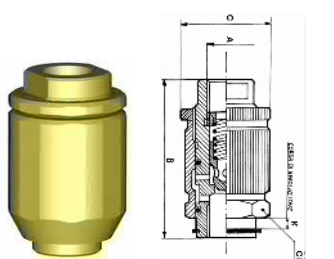
| GG90 | GIUNTI GIREVOLI 90° - 90° ELBOW ROTATING COUPLING | | | | | | | | | | | | |
|---|---|----------------|------------------------------------|------|----|-----|----|------|---|-----|-----|---|------------|
| | Cod. Art. Code | Filetto Thread | Dimensioni (mm) Dimensions (mm) | | | | | | | | | | Note Notes |
| | | | L | l | B | H | h | m | V | SW | WP | K | |
|  | GG90 1/4 | 1/4" | 69 | 30,5 | 11 | 6,5 | 19 | 58 | | 200 | 400 | | |
| | GG90 3/8 | 3/8" | 78 | 41,5 | 14 | 9 | 24 | 63 | | 200 | 400 | | |
| | GG90 1/2 | 1/2" | 86 | 44 | 15 | 12 | 27 | 68,5 | | 150 | 300 | | |
| | GG90 3/4 | 3/4" | 99 | 58 | 19 | 16 | 34 | 79 | | 150 | 300 | | |
| | GG90 1" | 1" | 113 | 60 | 21 | 20 | 41 | 90 | | 100 | 300 | | |

GIUNTI E VALVOLE COUPLINGS AND VALVES

| GG90 | GIUNTI GIREVOLI 90° - 90° ELBOW ROTATING COUPLING | | | | | | | | | | | | | Note Notes |
|---|---|-------------------|------------------------------------|-----|------|----|----|----|------|-----|-----|---|--|---------------|
| | Cod. Art. Code | Filetto Thread | Dimensioni (mm) Dimensions (mm) | | | | | | | | | | | |
| | | | L | l | B | H | h | m | V | SW | WP | K | | |
|  | GG90 1.1/4 | 1" 1/4 | 31,5 | 92 | 31,5 | 24 | 28 | 50 | 56,5 | 100 | 300 | | | |
| | GG90 1.1/2 | 1" 1/2 | 38 | 104 | 38 | 25 | 34 | 55 | 62 | 80 | 300 | | | |
| | GG90 2" | 2" | 42 | 111 | 45 | 27 | 44 | 65 | 67 | 50 | 250 | | | |

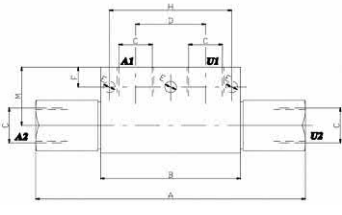
| VRB | VALVOLA REGOLATRICE DI FLUSSO - FLOW REGULATOR WITH CHECK VALVE | | | | | | | | | | | | | Note Notes |
|--|---|-------------------|------------------------------------|----|----|-----|---|-----|---|-----|-----|---|--|---------------|
| | Cod. Art. Code | Filetto Thread | Dimensioni (mm) Dimensions (mm) | | | | | | | | | | | |
| | | | L | l | B | H | h | m | V | SW | WP | K | | |
|  | VRB 1/4 | 1/4" | 68 | 40 | 32 | 6 | | 0,5 | | 12 | 350 | | | |
| | VRB 3/8 | 3/8" | 77 | 40 | 36 | 6 | | 0,5 | | 22 | 350 | | | |
| | VRB 1/2 | 1/2" | 84 | 48 | 41 | 6,5 | | 0,5 | | 40 | 350 | | | |
| | VRB 3/4 | 3/4" | 103 | 52 | 48 | 8 | | 0,5 | | 60 | 300 | | | |
| | VRB 1" | 1" | 119 | 66 | 60 | 11 | | 0,5 | | 90 | 300 | | | |
| | VRB 1.1/4 | 1" 1/4 | 139 | 82 | 70 | 14 | | 0,5 | | 140 | 250 | | | |
| | VRB 1.1/2 | 1" 1/2 | 155 | 93 | 80 | 15 | | 0,5 | | 210 | 250 | | | |

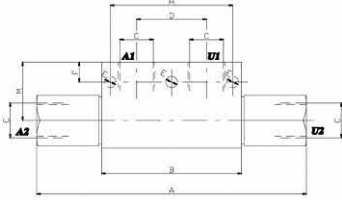
THIS VALVE IS USED TO ADJUST FLOW SPEED IN ONE DIRECTION. OPPOSITE DIRECTION FLOW IS FREE.

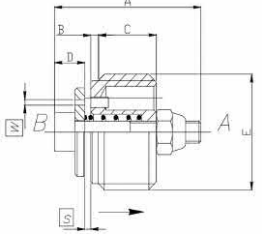
| VRB/D | VALVOLA REGOLATRICE DI FLUSSO BIDIREZIONALE - FLOW REGULATOR | | | | | | | | | | | | | Note Notes |
|---|--|-------------------|------------------------------------|----|----|-----|---|---|---|-----|-----|---|--|---------------|
| | Cod. Art. Code | Filetto Thread | Dimensioni (mm) Dimensions (mm) | | | | | | | | | | | |
| | | | L | l | B | H | h | m | V | SW | WP | K | | |
|  | VRB/D 1/4 | 1/4" | 68 | 40 | 32 | 6 | | | | 15 | 350 | | | |
| | VRB/D 3/8 | 3/8" | 77 | 40 | 36 | 6 | | | | 30 | 350 | | | |
| | VRB/D 1/2 | 1/2" | 84 | 48 | 41 | 6,5 | | | | 45 | 350 | | | |
| | VRB/D 3/4 | 3/4" | 103 | 52 | 48 | 8 | | | | 80 | 300 | | | |
| | VRB/D 1" | 1" | 119 | 66 | 60 | 11 | | | | 150 | 300 | | | |

THIS VALVE IS USED TO ADJUST FLOW SPEED IN BOTH DIRECTION. PRESSURE FLOW GOES INTO A_VALVE PORT AND GOES OUT FROM B VALVE PORT;
IN OPPOSITE WAY OBTAINS THE SAME ;
TO ADJUST THE FLOW , TURN THE EXTERNAL SLEEVE;

GIUNTI E VALVOLE COUPLINGS AND VALVES

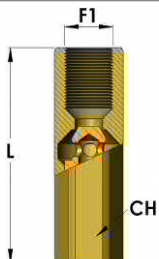
| VRD1 | VALVOLA DI RITEGNO SINGOLO EFFETTO - SINGLE PILOT OPERATED CHECK VALVE | | | | | | | | | | | | |
|---|--|----------------|------------------------------------|-----|---|----|-----|----|----|----|-----|---|------------|
| | Cod. Art. Code | Filetto Thread | Dimensioni (mm) Dimensions (mm) | | | | | | | | | | Note Notes |
| | | | L | l | B | H | h | m | V | SW | WP | K | |
|  | VRD1 1/4 | 1/4" | 110 | 70 | | 30 | 5,5 | 9 | 45 | 15 | 320 | | |
| | VRD1 3/8 | 3/8" | 117 | 70 | | 30 | 7 | 9 | 45 | 35 | 320 | | |
| | VRD1 1/2 | 1/2" | 158 | 90 | | 40 | | 15 | 60 | 45 | 300 | | |
| | VRD1 3/4 | 3/4" | 186 | 100 | | 60 | | 15 | 70 | 70 | 250 | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

| VRD2 | VALVOLA DI RITEGNO DOPPIO EFFETTO - DOUBLE PILOT OPERATED CHECK VALVE | | | | | | | | | | | | |
|--|---|----------------|------------------------------------|-----|---|----|-----|----|----|----|-----|---|------------|
| | Cod. Art. Code | Filetto Thread | Dimensioni (mm) Dimensions (mm) | | | | | | | | | | Note Notes |
| | | | L | l | B | H | h | m | V | SW | WP | K | |
|  | VRD2 1/4 | 1/4" | 118 | 70 | | 30 | 5,5 | 9 | 45 | 15 | 320 | | |
| | VRD2 3/8 | 3/8" | 128 | 70 | | 30 | 7 | 9 | 45 | 35 | 320 | | |
| | VRD2 1/2 | 1/2" | 170 | 90 | | 40 | | 15 | 60 | 45 | 300 | | |
| | VRD2 3/4 | 3/4" | 198 | 100 | | 60 | | 15 | 70 | 70 | 250 | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

| VP | VALVOLA DI RITEGNO AUTOMATICA (PARACADUTE) - CARTRIDGE HOSE BURST VALVE | | | | | | | | | | | | |
|---|---|----------------|------------------------------------|-----|------|-----|---|---|---|-----|-----|---|------------|
| | Cod. Art. Code | Filetto Thread | Dimensioni (mm) Dimensions (mm) | | | | | | | | | | Note Notes |
| | | | L | l | B | H | h | m | V | SW | WP | K | |
|  | VP 1/4 | 1/4" | 16 | 1 | 7 | 4,5 | | | | 25 | 350 | | |
| | VP 3/8 | 3/8" | 20 | 1,5 | 9,5 | 5 | | | | 45 | 350 | | |
| | VP 1/2 | 1/2" | 24 | 1,5 | 11,5 | 6,5 | | | | 70 | 350 | | |
| | VP 3/4 | 3/4" | 28 | 2,5 | 15,5 | 6,5 | | | | 140 | 350 | | |
| | VP 1" | 1" | 33 | 1,5 | 18,5 | 8,5 | | | | 180 | 350 | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

GIUNTI E VALVOLE COUPLINGS AND VALVES

| VNP | Cod. Art. Code | Filetto Thread | VALVOLA DI RITEGNO - CHECK VALVE | | | | | | | | | | Note Notes |
|---|----------------|----------------|------------------------------------|---|---|---|---|---|---|----|----|-----|------------|
| | | | Dimensioni (mm) Dimensions (mm) | | | | | | | | | | |
| | | | L | l | B | H | h | m | V | SW | WP | K | |
|  | VNP 1/4 | 1/4" | | | | | | | | | | 425 | |
| | VNP 3/8 | 3/8" | | | | | | | | | | 300 | |
| | VNP 1/2 | 1/2" | | | | | | | | | | 300 | |
| | VNP 3/4 | 3/4" | | | | | | | | | | 250 | |
| | VNP 1" | 1" | | | | | | | | | | 245 | |
| | VNP 1.1/4 | 1" 1/4 | | | | | | | | | | 225 | |
| | VNP 1.1/2 | 1" 1/2 | | | | | | | | | | 200 | |
| | VNP 2" | 2" | | | | | | | | | | 130 | |

| VNR | Cod. Art. Code | Filetto Thread | VALVOLA NON RITORNO - CHECK VALVE | | | | | | | | | | Note Notes |
|--|----------------|----------------|------------------------------------|----|---|---|---|---|---|----|-----|-----|------------|
| | | | Dimensioni (mm) Dimensions (mm) | | | | | | | | | | |
| | | | L | l | B | H | h | m | V | SW | WP | K | |
|  | VNR 1/4 | 1/4" | 60 | 19 | | | | | | | 15 | 350 | 25 |
| | VNR 3/8 | 3/8" | 70 | 24 | | | | | | | 30 | 350 | 25 |
| | VNR 1/2 | 1/2" | 78 | 30 | | | | | | | 50 | 350 | 25 |
| | VNR 3/4 | 3/4" | 90 | 36 | | | | | | | 90 | 300 | 25 |
| | VNR 1" | 1" | 106 | 45 | | | | | | | 140 | 250 | 25 |
| | VNR 1.1/4 | 1" 1/4 | 123 | 55 | | | | | | | 200 | 250 | 25 |
| | VNR 1.1/2 | 1" 1/2 | 138 | 65 | | | | | | | 300 | 230 | 25 |

| VNR3 | Cod. Art. Code | Filetto Thread | VALVOLA DI NON RITORNO TARATA 3 BAR - 3 BARS - CHECK VALVE | | | | | | | | | | Note Notes |
|---|----------------|----------------|--|---|---|---|---|---|---|----|----|-----|------------|
| | | | Dimensioni (mm) Dimensions (mm) | | | | | | | | | | |
| | | | L | l | B | H | h | m | V | SW | WP | K | |
|  | VNR3 1/4 | 1/4" | | | | | | | | | | 425 | |
| | VNR3 3/8 | 3/8" | | | | | | | | | | 300 | |
| | VNR3 1/2 | 1/2" | | | | | | | | | | 300 | |
| | VNR3 3/4 | 3/4" | | | | | | | | | | 250 | |
| | VNR3 1" | 1" | | | | | | | | | | 245 | |
| | VNR3 1.1/4 | 1" 1/4 | | | | | | | | | | 225 | |
| | VNR3 1.1/2 | 1" 1/2 | | | | | | | | | | 200 | |
| | VNR3 2" | 2" | | | | | | | | | | 130 | |

| VNR5 | Cod. Art. Code | Filetto Thread | VALVOLA DI NON RITORNO TARATA 5 BAR 5 BARS - CHECK VALVE | | | | | | | | | | Note Notes |
|---|----------------|----------------|--|---|---|---|---|---|---|----|----|-----|------------|
| | | | Dimensioni (mm) Dimensions (mm) | | | | | | | | | | |
| | | | L | l | B | H | h | m | V | SW | WP | K | |
|  | VNR5 1/4 | 1/4" | | | | | | | | | | 425 | |
| | VNR5 3/8 | 3/8" | | | | | | | | | | 300 | |
| | VNR5 1/2 | 1/2" | | | | | | | | | | 300 | |
| | VNR5 3/4 | 3/4" | | | | | | | | | | 250 | |
| | VNR5 1" | 1" | | | | | | | | | | 245 | |
| | VNR5 1.1/4 | 1" 1/4 | | | | | | | | | | 225 | |
| | VNR5 1.1/2 | 1" 1/2 | | | | | | | | | | 200 | |
| | VNR5 2" | 2" | | | | | | | | | | 130 | |