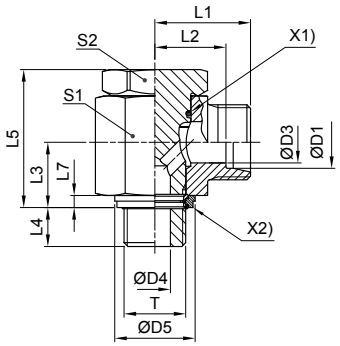
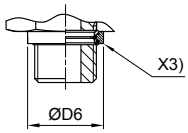
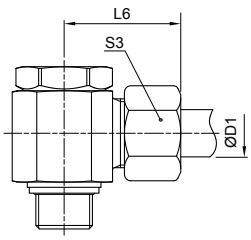
## WH-M-KDS High pressure banjo elbow

EO 24° cone end / Male metric thread with soft seal ring




X1) O-ring OR
X2) Sealing ring KDS (for aports with small spot face, ISO 9974)
X3) Sealing ring KD (for ports with wide spot face, ISO 9974)

| Series | D1 | T | D3 | D4 | D5 KDS | D6 KD | L1 | L2 | L3 | L4 | L5 | L6 | L7 | S1 | S2 | S3 | Weight g/1 piece | Order code* | PN (bar)[1] CF | PN (bar)[1] 71 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L[3]) | 06 | M 10×1.0 | 4 | 4.5 | 14.9 | 17.0 | 19.0 | 12.0 | 10.5 | 8 | 24.0 | 27 | 2.5 | 17 | 17 | 14 | 54 | **WH06LMKDSOMD** | 315 | 315 |
| | 08 | M 12×1.5 | 6 | 6.0 | 17.0 | 22.0 | 21.5 | 14.5 | 14.0 | 12 | 30.0 | 29 | 3.0 | 22 | 19 | 17 | 97 | **WH08LMKDSOMD** | 315 | 315 |
| | 10 | M 14×1.5 | 8 | 6.0 | 18.9 | 22.5 | 22.5 | 15.5 | 14.0 | 12 | 30.0 | 30 | 3.0 | 22 | 19 | 19 | 104 | **WH10LMKDSOMD** | 315 | 315 |
| | 12 | M 16×1.5 | 10 | 7.5 | 21.9 | 27.0 | 25.0 | 18.0 | 16.5 | 12 | 36.0 | 33 | 3.0 | 27* | 24 | 22 | 180 | **WH12LMKDSOMD** | 315 | 315 |
| | 15 | M 18×1.5 | 11 | 9.0 | 23.9 | 29.0 | 27.5 | 21.5 | 18.5 | 12 | 39.5 | 37 | 3.0 | 30 | 30 | 27 | 244 | **WH15LMKDSOMD** | 315 | 315 |
| | 18 | M 22×1.5 | 15 | 12.0 | 26.9 | 32.0 | 28.5 | 21.0 | 21.5 | 14 | 45.0 | 37 | 4.5 | 32 | 30 | 32 | 327 | **WH18LMKDSOMD** | 315 | 315 |
| | 22 | M 26×1.5 | 19 | 17.0 | 31.9 | 41.0 | 35.0 | 27.5 | 24.0 | 16 | 53.0 | 44 | 3.5 | 41 | 36 | 36 | 573 | **WH22LMKDSOMD** | 160 | 160 |
| | 28 | M 33×2.0 | 24 | 21.0 | 39.9 | 46.0 | 39.5 | 32.0 | 30.5 | 18 | 66.0 | 49 | 3.5 | 50 | 46 | 41 | 1017 | **WH28LMKDSOMD** | 160 | 160 |
| | 35 | M 42×2.0 | 30 | 27.0 | 49.9 | 57.0 | 46.5 | 36.0 | 35.5 | 20 | 76.0 | 58 | 3.5 | 60 | 55 | 50 | 1512 | **WH35LMKDSOMD** | 160 | 160 |
| | 42 | M 48×2.0 | 36 | 34.0 | 55.9 | 64.0 | 51.5 | 40.5 | 40.5 | 22 | 87.0 | 63 | 3.5 | 70 | 60 | 60 | 2217 | **WH42LMKDSOMD** | 160 | 160 |
| S[4]) | 06 | M 12×1.5 | 4 | 6.0 | 17.0 | 22.0 | 23.5 | 16.5 | 14.0 | 12 | 30.0 | 31 | 3.0 | 22 | 19 | 17 | 104 | **WH06SMKDSOMD** | 400 | 400 |
| | 08 | M 14×1.5 | 5 | 6.0 | 18.9 | 22.5 | 23.5 | 16.5 | 14.0 | 12 | 30.0 | 31 | 3.0 | 22 | 19 | 19 | 110 | **WH08SMKDSOMD** | 400 | 400 |
| | 10 | M 16×1.5 | 7 | 7.5 | 21.9 | 27.0 | 26.0 | 18.5 | 16.5 | 12 | 36.0 | 35 | 3.0 | 27 | 24 | 22 | 186 | **WH10SMKDSOMD** | 400 | 400 |
| | 12 | M 18×1.5 | 8 | 9.0 | 23.9 | 29.0 | 27.5 | 20.0 | 18.5 | 12 | 39.5 | 36 | 3.0 | 27* | 27 | 24 | 246 | **WH12SMKDSOMD** | 400 | 400 |
| | 14 | M 20×1.5 | 10 | 10.0 | | 32.0 | 30.5 | 22.5 | 20.0 | 14 | 43.5 | 40 | 3.0 | 32 | 30 | 27 | 322 | **WH14SMKDOMD** | | 400 |
| | 16 | M 22×1.5 | 12 | 12.0 | 26.9 | 32.0 | 30.5 | 22.0 | 21.5 | 14 | 45.0 | 40 | 4.5 | 32 | 30 | 30 | 327 | **WH16SMKDSOMD** | 315 | 315 |
| | 20 | M 27×2.0 | 16 | 16.0 | 32.9 | 41.0 | 37.0 | 26.5 | 24.0 | 16 | 53.0 | 48 | 3.5 | 41 | 36 | 36 | 598 | **WH20SMKDSOMD** | 315 | 315 |
| | 25 | M 33×2.0 | 20 | 21.0 | 39.9 | 46.0 | 43.5 | 31.5 | 30.5 | 18 | 66.0 | 56 | 3.5 | 50 | 46 | 46 | 1055 | **WH25SMKDSOMD** | 250 | 250 |
| | 30 | M 42×2.0 | 25 | 27.0 | 49.9 | 57.0 | 50.5 | 37.0 | 35.5 | 20 | 76.0 | 64 | 3.5 | 60 | 55 | 50 | 1572 | **WH30SMKDSOMD** | 160 | 160 |
| | 38 | M 48×2.0 | 32 | 34.0 | 55.9 | 64.0 | 57.5 | 41.5 | 40.5 | 22 | 87.0 | 72 | 3.5 | 70 | 60 | 60 | 2317 | **WH38SMKDSOMD** | 160 | 160 |

[1]) Pressure shown = item deliverable

[3]) L = light series; [4]) S = heavy series

$\frac{PN\ (bar)}{10}$ = PN (MPa)

**Delivery without nut and ring. Information on ordering complete fittings or alternative sealing materials see page I7.**

***S1=SW12 in 1.4571**

*Please add the **suffixes** below according to the material/surface required.

| Order code suffixes | | | |
|---|---|---|---|
| Material | Suffix surface and material | Example | Standard sealing material (no additonal. suffix needed) |
| Steel, zinc plated, Cr(VI)-free | CF | WH16SMKDSOMDCF | NBR |
| Stainless Steel | 71 | WH16SMKDOMD71 | VIT/PTFE |

Stainless Steel only with sealing ring KD available!
Replace KDS by KD in the order code.