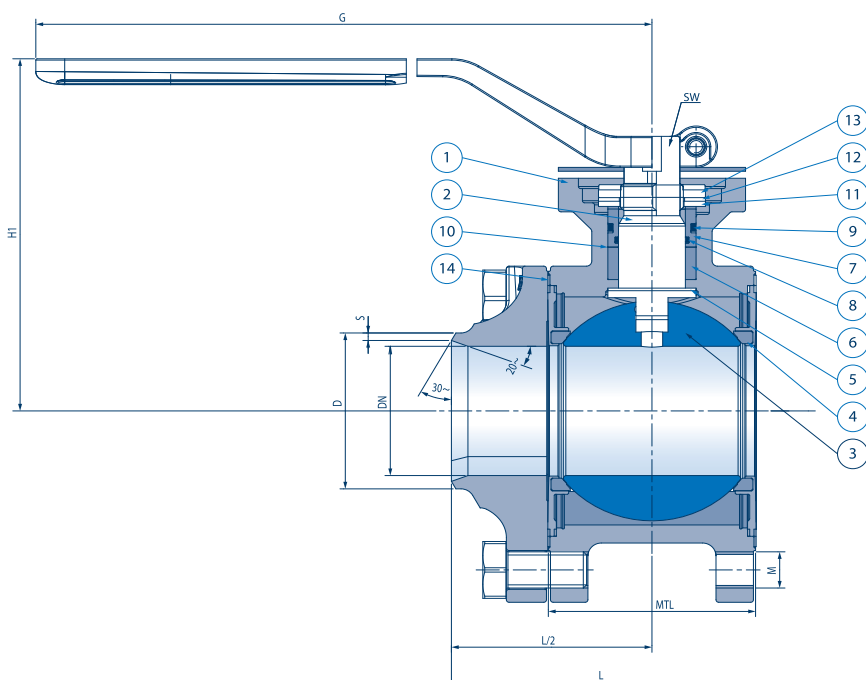


# BALL VALVES

KLINGER KHA-S  
Welding ends, full bore



## PARTS

| No. | Part              | Material              |        |
|-----|-------------------|-----------------------|--------|
|     |                   | VIII                  | XC     |
| 1   | Body              | 1.0619                | 1.4408 |
| 2   | Stem              | 1.4104                | 1.4404 |
| 3   | Ball              | 1.4401, Hard chromed. |        |
| 4   | Sealing element   | X-KFC, X-M (stel.12)  |        |
| 5   | Friction washer   | Peek 583-z            |        |
| 6   | Sealing bush      | Graphite              |        |
| 7   | Sealing insert    | 1.4401                |        |
| 8   | O-ring            | FEPM A75H             |        |
| 9   | O-ring            | FEPM A75H             |        |
| 10  | Disc              | 1.4401                |        |
| 11  | Disc              | 1.4404                |        |
| 12  | Belleville washer | 1.4310                |        |
| 13  | Stuffingbox nut   | 1.4404                |        |
| 14  | Flat gasket       | KLINGERSil® C4430     |        |

## DIMENSIONS AND WEIGHTS

| DN  | PN   |    | MTL   | D     | S   | H1    | G   | SW | L   | M   | X*M | ISO 5211 | kg   |
|-----|------|----|-------|-------|-----|-------|-----|----|-----|-----|-----|----------|------|
|     | VIII | XC |       |       |     |       |     |    |     |     |     |          |      |
| 15  | 100  | 63 | 26,4  | 21,3  | 2,0 | 83,0  | 130 | 8  | 75  | M6  | 4   | F04      | 0,9  |
| 20  | 100  | 63 | 35,2  | 28,0  | 3,0 | 96,0  | 160 | 11 | 90  | M8  | 4   | F04      | 1,5  |
| 25  | 100  | 63 | 41,5  | 33,7  | 2,6 | 100,0 | 160 | 11 | 105 | M8  | 4   | F04      | 1,8  |
| 32  | 63   | 40 | 49,5  | 42,4  | 2,6 | 107,5 | 252 | 14 | 110 | M10 | 4   | F05      | 3,1  |
| 40  | 63   | 40 | 63,0  | 48,3  | 3,2 | 114,7 | 252 | 14 | 125 | M12 | 4   | F05      | 4,8  |
| 50  | 40   |    | 77,5  | 60,3  | 2,9 | 136,2 | 310 | 17 | 150 | M14 | 4   | F07      | 7,6  |
| 65  | 40   |    | 93,5  | 76,1  | 3,1 | 146,2 | 310 | 17 | 190 | M12 | 6   | F07      | 10,6 |
| 80  | 40   |    | 111,4 | 88,9  | 3,2 | 165,0 | 500 | 22 | 220 | M16 | 6   | F10      | 19,5 |
| 100 | 40   |    | 131,6 | 114,3 | 3,6 | 178,5 | 500 | 22 | 270 | M16 | 6   | F10      | 28,0 |
| 125 | 40   |    | 171,4 | 139,7 | 4,0 | 212,5 | 650 | 27 | 330 | M16 | 8   | F12      | 49,5 |

## STANDARDS AND CERTIFICATION

- » Fire safe according to API607 and EN10497
- » TA Luft / VDI2440
- » EN15848
- » BAM Oxygen
- » SIL2
- » EN12266-1, P10, P11, P12

**NOTICE: DOES NOT HAVE TO BE DISMANTLED WHEN WELDING INTO THE PIPELINE !**