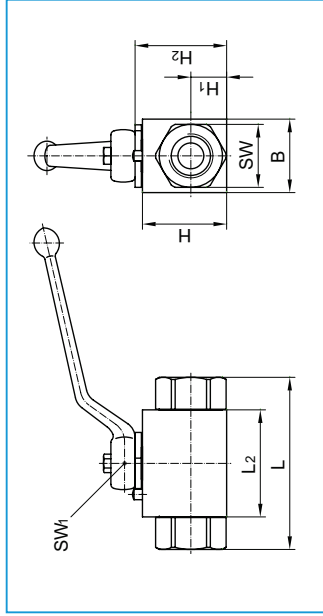


# 2-way ball valves with threaded connector

Steel · DN 4 - DN 40/25



Handle included in delivery  
Please check pressure rating of the pipe fittings!  
For actuators and handles refer to "Attachments, accessories"  
Custom orders on request  
All dimensions subject to change without notice  
Dimensions in mm | Weight in kg | Pressure in bar

|             |                           |                           |                           |                           |
|-------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Body:       | steel, black oxide        | steel, zinc nickel plated | steel, black oxide        | steel, zinc nickel plated |
| Ball:       | steel, hard chrome plated | steel, hard chrome plated | steel, hard chrome plated | steel, hard chrome plated |
| Stem:       | steel, zinc nickel plated | steel, zinc nickel plated | steel, zinc nickel plated | steel, zinc nickel plated |
| Ball seals: | POM                       | POM                       | POM                       | POM                       |
| Stem seals: | NBR                       | NBR                       | FKM                       | FKM                       |
| Stop plate: | steel, zinc nickel plated | steel, zinc nickel plated | steel, zinc nickel plated | steel, zinc nickel plated |

| Connection | For cut (clamp) ring tube fitting<br>DIN 2353<br>light series<br>ISO 8434-1 |                |          |     |                |                |     |    |                |                |      |                 |             |        |       | For cut (clamp) ring tube fitting<br>DIN 2353<br>heavy series<br>ISO 8434-1 |        |             |        |             |        |             |        |             |        |             |        |             |        |             | BSP-female thread<br>ANSI/ASME<br>DIN EN ISO 228-1 |             |        |        |  |  |  |  |  |  |  |  |  |  |  | NPT-female thread<br>ANSI/ASME<br>B1.20.1-1983 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|------------|-----------------------------------------------------------------------------|----------------|----------|-----|----------------|----------------|-----|----|----------------|----------------|------|-----------------|-------------|--------|-------|-----------------------------------------------------------------------------|--------|-------------|--------|-------------|--------|-------------|--------|-------------|--------|-------------|--------|-------------|--------|-------------|----------------------------------------------------|-------------|--------|--------|--|--|--|--|--|--|--|--|--|--|--|------------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|            | DN                                                                          | Thread         | OD       | L   | L <sub>1</sub> | L <sub>2</sub> | B   | H  | H <sub>1</sub> | H <sub>2</sub> | SW   | SW <sub>1</sub> | Handle code | Weight | DN    | Article no.                                                                 | PN     | Article no. | PN     | Article no. | PN     | Article no. | PN     | Article no. | PN     | Article no. | PN     | Article no. | PN     | Article no. | PN                                                 | Article no. |        |        |  |  |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | 4                                                                           | M 12 x 1.5     | 6        | 67  | 10             | 36             | 20  | 25 | 10.0           | 27.5           | 19   | 7               | 12          | 0.2    | 4     | 100001                                                                      | 500    | 700501      | 500    | 700501      | 500    | 100051      | 500    | 700501      | 500    | 100001      | 500    | 700501      | 500    | 100051      | 500                                                | 700561      |        |        |  |  |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | 6                                                                           | M 14 x 1.5     | 8        | 67  | 10             | 36             | 20  | 25 | 10.0           | 27.5           | 19   | 7               | 12          | 0.2    | 6     | 100002                                                                      | 500    | 700502      | 500    | 700502      | 500    | 100052      | 500    | 700502      | 500    | 100002      | 500    | 700502      | 500    | 100052      | 500                                                | 700562      |        |        |  |  |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | 8                                                                           | M 16 x 1.5     | 10       | 75  | 11             | 45             | 30  | 35 | 14.5           | 38.5           | 24   | 8               | 13          | 0.4    | 8     | 100003                                                                      | 500    | 700503      | 500    | 700503      | 500    | 100053      | 500    | 700503      | 500    | 100003      | 500    | 700503      | 500    | 100053      | 500                                                | 700563      |        |        |  |  |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | 10                                                                          | M 18 x 1.5     | 12       | 75  | 11             | 45             | 30  | 35 | 14.5           | 38.5           | 24   | 8               | 13          | 0.4    | 10    | 100004                                                                      | 500    | 700504      | 500    | 700504      | 500    | 100054      | 500    | 700504      | 500    | 100004      | 500    | 700504      | 500    | 100054      | 500                                                | 700564      |        |        |  |  |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | 12                                                                          | M 22 x 1.5     | 15       | 83  | 12             | 51             | 35  | 40 | 17.0           | 43.5           | 30   | 10              | 14          | 0.6    | 12    | 100005                                                                      | 500    | 700505      | 500    | 700505      | 500    | 100055      | 500    | 700505      | 500    | 100005      | 500    | 700505      | 500    | 100055      | 500                                                | 700565      |        |        |  |  |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | 16                                                                          | M 26 x 1.5     | 18       | 82  | 12             | 50             | 45  | 45 | 20.0           | 48.5           | 36   | 10              | 14          | 0.9    | 16    | 100006                                                                      | 420    | 700506      | 420    | 700506      | 420    | 100056      | 420    | 700506      | 420    | 100056      | 420    | 700506      | 420    | 100056      | 420                                                | 700566      |        |        |  |  |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | 20                                                                          | M 30 x 2       | 22       | 99  | 14             | 60             | 45  | 55 | 24.0           | 59.0           | 41   | 14              | 15          | 1.2    | 20    | 100007                                                                      | 420    | 700507      | 420    | 700507      | 420    | 100057      | 420    | 700507      | 420    | 100057      | 420    | 700507      | 420    | 100057      | 420                                                | 700567      |        |        |  |  |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | 25                                                                          | M 36 x 2       | 28       | 108 | 14             | 70             | 55  | 60 | 26.0           | 64.0           | 50   | 14              | 15          | 1.8    | 25    | 100008                                                                      | 420    | 700508      | 420    | 700508      | 420    | 100058      | 420    | 700508      | 420    | 100058      | 420    | 700508      | 420    | 100058      | 420                                                | 700568      |        |        |  |  |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | 32/25                                                                       | M 45 x 2       | 35       | 116 | 16             | 70             | 55  | 60 | 26.0           | 64.0           | 50   | 14              | 15          | 1.9    | 32/25 | 100037                                                                      | 420    | 700509      | 420    | 700509      | 420    | 100087      | 420    | 700509      | 420    | 100087      | 420    | 700509      | 420    | 100087      | 420                                                | 700569      |        |        |  |  |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | 40/25                                                                       | M 52 x 2       | 42       | 121 | 16             | 70             | 55  | 60 | 26.0           | 64.0           | 55   | 14              | 15          | 2.1    | 40/25 | 100038                                                                      | 420    | 700511      | 420    | 700511      | 420    | 100088      | 420    | 700511      | 420    | 100088      | 420    | 700511      | 420    | 100088      | 420                                                | 700571      |        |        |  |  |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | 4                                                                           | M 16 x 1.5     | 8        | 73  | 12             | 36             | 20  | 25 | 10.0           | 27.5           | 19   | 7               | 12          | 0.2    | 4     | 100009                                                                      | 500    | 700513      | 500    | 700513      | 500    | 100059      | 500    | 700513      | 500    | 100059      | 500    | 700513      | 500    | 100059      | 500                                                | 700575      |        |        |  |  |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | 6                                                                           | M 18 x 1.5     | 10       | 73  | 12             | 36             | 20  | 25 | 10.0           | 27.5           | 19   | 7               | 12          | 0.2    | 6     | 100010                                                                      | 500    | 700514      | 500    | 700514      | 500    | 100060      | 500    | 700514      | 500    | 100060      | 500    | 700514      | 500    | 100060      | 500                                                | 700576      |        |        |  |  |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | 8                                                                           | M 20 x 1.5     | 12       | 77  | 12             | 45             | 30  | 35 | 14.5           | 38.5           | 24   | 8               | 13          | 0.4    | 8     | 100011                                                                      | 500    | 700515      | 500    | 700515      | 500    | 100061      | 500    | 700515      | 500    | 100061      | 500    | 700515      | 500    | 100061      | 500                                                | 700577      |        |        |  |  |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | 10                                                                          | M 22 x 1.5     | 14       | 81  | 14             | 45             | 30  | 35 | 14.5           | 38.5           | 24   | 8               | 13          | 0.4    | 10    | 100012                                                                      | 500    | 700516      | 500    | 700516      | 500    | 100062      | 500    | 700516      | 500    | 100062      | 500    | 700516      | 500    | 100062      | 500                                                | 700578      |        |        |  |  |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | 12                                                                          | M 24 x 1.5     | 16       | 87  | 14             | 51             | 35  | 40 | 17.0           | 43.5           | 30   | 10              | 14          | 0.7    | 12    | 100013                                                                      | 500    | 700517      | 500    | 700517      | 500    | 100063      | 500    | 700517      | 500    | 100063      | 500    | 700517      | 500    | 100063      | 500                                                | 700579      |        |        |  |  |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | 16                                                                          | M 30 x 2       | 20       | 90  | 16             | 50             | 45  | 45 | 20.0           | 48.5           | 36   | 10              | 14          | 0.9    | 16    | 100014                                                                      | 420    | 700518      | 420    | 700518      | 420    | 100064      | 420    | 700518      | 420    | 100064      | 420    | 700518      | 420    | 100064      | 420                                                | 700580      |        |        |  |  |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | 20                                                                          | M 36 x 2       | 25       | 107 | 18             | 60             | 45  | 55 | 24.0           | 59.0           | 41   | 14              | 15          | 1.3    | 20    | 100015                                                                      | 420    | 700519      | 420    | 700519      | 420    | 100065      | 420    | 700519      | 420    | 100065      | 420    | 700519      | 420    | 100065      | 420                                                | 700581      |        |        |  |  |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | 25                                                                          | M 42 x 2       | 30       | 120 | 20             | 70             | 55  | 60 | 26.0           | 64.0           | 50   | 14              | 15          | 1.9    | 25    | 100016                                                                      | 420    | 700520      | 420    | 700520      | 420    | 100066      | 420    | 700520      | 420    | 100066      | 420    | 700520      | 420    | 100066      | 420                                                | 700582      |        |        |  |  |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | 32/25                                                                       | M 52 x 2       | 38       | 134 | 22             | 70             | 55  | 60 | 26.0           | 64.0           | 55   | 14              | 15          | 2.2    | 32/25 | 100039                                                                      | 420    | 700521      | 420    | 700521      | 420    | 100089      | 420    | 700521      | 420    | 100089      | 420    | 700521      | 420    | 100089      | 420                                                | 700583      |        |        |  |  |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            |                                                                             | 4              | G 1/8    | -   | 71             | 12             | 36  | 20 | 25             | 10.0           | 27.5 | 19              | 7           | 12     | 0.2   | 4                                                                           | 100017 | 500         | 700001 | 500         | 700001 | 500         | 100067 | 500         | 700001 | 500         | 100067 | 500         | 700001 | 500         | 100067                                             | 500         | 700025 |        |  |  |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6          |                                                                             | G 1/4          | -        | 71  | 12             | 36             | 20  | 25 | 10.0           | 27.5           | 19   | 7               | 12          | 0.2    | 6     | 100018                                                                      | 500    | 700002      | 500    | 700002      | 500    | 100068      | 500    | 700002      | 500    | 100068      | 500    | 700002      | 500    | 100068      | 500                                                | 700026      |        |        |  |  |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10         |                                                                             | G 3/8          | -        | 73  | 14             | 45             | 30  | 35 | 14.5           | 38.5           | 24   | 8               | 13          | 0.4    | 10    | 100019                                                                      | 500    | 700003      | 500    | 700003      | 500    | 100069      | 500    | 700003      | 500    | 100069      | 500    | 700003      | 500    | 100069      | 500                                                | 700027      |        |        |  |  |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12         |                                                                             | G 1/2          | -        | 82  | 15             | 51             | 35  | 40 | 17.0           | 43.5           | 30   | 10              | 14          | 0.7    | 12    | 100020                                                                      | 500    | 700004      | 500    | 700004      | 500    | 100070      | 500    | 700004      | 500    | 100070      | 500    | 700004      | 500    | 100070      | 500                                                | 700028      |        |        |  |  |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 16         |                                                                             | G 5/8          | -        | 88  | 18             | 60             | 45  | 45 | 20.0           | 48.5           | 36   | 10              | 14          | 1.0    | 16    | 100021                                                                      | 420    | 700005      | 420    | 700005      | 420    | 100071      | 420    | 700005      | 420    | 100071      | 420    | 700005      | 420    | 100071      | 420                                                | 700029      |        |        |  |  |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 20         |                                                                             | G 3/4          | -        | 93  | 18             | 60             | 45  | 55 | 24.0           | 59.0           | 41   | 14              | 15          | 1.3    | 20    | 100022                                                                      | 420    | 700006      | 420    | 700006      | 420    | 100072      | 420    | 700006      | 420    | 100072      | 420    | 700006      | 420    | 100072      | 420                                                | 700030      |        |        |  |  |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 25         |                                                                             | G 1            | -        | 115 | 18             | 70             | 55  | 60 | 26.0           | 64.0           | 50   | 14              | 15          | 2.0    | 25    | 100023                                                                      | 420    | 700007      | 420    | 700007      | 420    | 100073      | 420    | 700007      | 420    | 100073      | 420    | 700007      | 420    | 100073      | 420                                                | 700031      |        |        |  |  |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 32/25      |                                                                             | G 1 1/4        | -        | 134 | 20             | 70             | 55  | 60 | 26.0           | 64.0           | 50   | 14              | 15          | 2.1    | 32/25 | 100047                                                                      | 420    | 700008      | 420    | 700008      | 420    | 100097      | 420    | 700008      | 420    | 100097      | 420    | 700008      | 420    | 100097      | 420                                                | 700032      |        |        |  |  |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 40/25      |                                                                             | G 1 1/2        | -        | 139 | 22             | 70             | 55  | 60 | 26.0           | 64.0           | 55   | 14              | 15          | 2.2    | 40/25 | 100048                                                                      | 420    | 700009      | 420    | 700009      | 420    | 100098      | 420    | 700009      | 420    | 100098      | 420    | 700009      | 420    | 100098      | 420                                                | 700033      |        |        |  |  |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            |                                                                             | 4              | 1/8 - 27 | NPT | -              | 69             | 6.9 | 36 | 20             | 25             | 10.0 | 27.5            | 19          | 7      | 12    | 0.2                                                                         | 4      | 100024      | 500    | 700010      | 500    | 700010      | 500    | 100074      | 500    | 700010      | 500    | 100074      | 500    | 700010      | 500                                                | 100074      | 500    | 700034 |  |  |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | 6                                                                           | 1/4 - 18       | NPT      | -   | 69             | 10.0           | 36  | 20 | 25             | 10.0           | 27.5 | 19              | 7           | 12     | 0.2   | 6                                                                           | 100025 | 500         | 700011 | 500         | 700011 | 500         | 100075 | 500         | 700011 | 500         | 100075 | 500         | 700011 | 500         | 100075                                             | 500         | 700035 |        |  |  |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | 10                                                                          | 3/8 - 18       | NPT      | -   | 73             | 10.3           | 45  | 30 | 35             | 14.5           | 38.5 | 24              | 8           | 13     | 0.4   | 10                                                                          | 100026 | 500         | 700012 | 500         | 700012 | 500         | 100076 | 500         | 700012 | 500         | 100076 | 500         | 700012 | 500         | 100076                                             | 500         | 700036 |        |  |  |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | 12                                                                          | 1/2 - 14       | NPT      | -   | 82             | 13.6           | 51  | 35 | 40             | 17.0           | 43.5 | 30              | 10          | 14     | 0.7   | 12                                                                          | 100027 | 500         | 700013 | 500         | 700013 | 500         | 100077 | 500         | 700013 | 500         | 100077 | 500         | 700013 | 500         | 100077                                             | 500         | 700037 |        |  |  |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | 20                                                                          | 3/4 - 14       | NPT      | -   | 93             | 14.1           | 60  | 45 | 55             | 24.0           | 59.0 | 41              | 14          | 15     | 1.3   | 20                                                                          | 100028 | 420         | 700014 | 420         | 700014 | 420         | 100078 | 420         | 700014 | 420         | 100078 | 420         | 700014 | 420         | 100078                                             | 420         | 700038 |        |  |  |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | 25                                                                          | 1 - 11 1/2     | NPT      | -   | 115            | 16.8           | 70  | 55 | 60             | 26.0           | 64.0 | 50              | 14          | 15     | 2.0   | 25                                                                          | 100029 | 420         | 700015 | 420         | 700015 | 420         | 100079 | 420         | 700015 | 420         | 100079 | 420         | 700015 | 420         | 100079                                             | 420         | 700039 |        |  |  |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | 32/25                                                                       | 1 1/4 - 11 1/2 | NPT      | -   | 131            | 17.3           | 70  | 55 | 60             | 26.0           | 64.0 | 50              | 14          | 15     | 2.1   | 32/25                                                                       | 100049 | 420         | 700016 | 420         | 700016 | 420         | 100099 | 420         | 700016 | 420         | 100099 | 420         | 700016 | 420         | 100099                                             | 420         | 700040 |        |  |  |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|            | 40/25                                                                       | 1 1/2 - 11 1/2 | NPT      | -   | 143            | 17.3           | 70  | 55 | 60             | 26.0           | 64.0 | 55              | 14          | 15     | 2.4   | 40/25                                                                       | 100050 | 420         | 700017 | 420         | 700017 | 420         | 100100 | 420         | 700017 | 420         | 100100 | 420         | 700017 | 420         | 100100                                             | 420         | 700041 |        |  |  |  |  |  |  |  |  |  |  |  |                                                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |