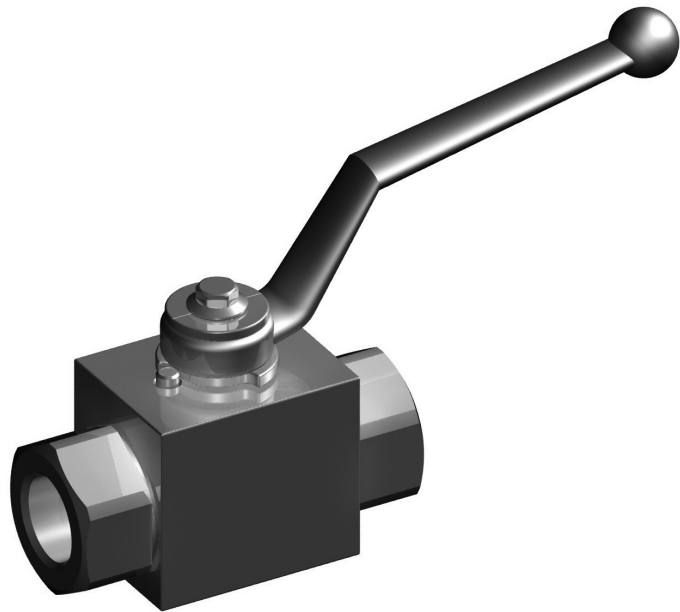


## Carbon Steel

## GE2 2-WAY HIGH PRESSURE BALL VALVES

GE2  
carbon steel



### Specifications

- Type: ball valve GE 2way
- Body: block
- Material: 1,0737
- Ball seats: from DN4 up to DN25
- O-Rings: NBR, FKM, EPDM, MVQ
- Operating pressure: 500 Bar depending on valve size and seal materials selected
- Temp range: -10°C to +100°C depending on seal material selected

GE2 G 1/2 DN13 1 1 1 1 A B

Type and way of valve  
GE2 2-way high pressure ball valves

#### Valves dimension of inch

| GAS         | ANSI/ASME   | SAE     | DIN 2353     | DIN 2353     |
|-------------|-------------|---------|--------------|--------------|
| DIN/ISO 228 | B1.20.1 NPT | J1926-1 | HEAVY SERIES | LIGHT SERIES |
| G 1/8       | N 1/8       | SAE4    | 8S           | 6L           |
| G 1/4       | N 1/4       | SAE6    | 10S          | 8L           |
| G 3/8       | N 3/8       | SAE8    | 12S          | 10L          |
| G 1/2       | N 1/2       | SAE12   | 14S          | 12L          |
| G 3/4       | N 3/4       | SAE16   | 16S          | 15L          |
| G 1"        | N 1"        | SAE20R  | 20S          | 18L          |
| G 1 1/4 R   | N 1 1/4 R   | SAE24R  | 25S          | 22L          |
| G 1 1/2 R   | N 1 1/2 R   |         | 30S          | 28L          |
|             |             |         | 38S          | 35L          |
|             |             |         |              | 42L          |

#### Nominal dimension

DN4  
DN6  
DN10  
DN13  
DN20  
DN25

#### Body material

1 1,0737

#### Adapter material

1 1,0737

#### Stem material

1 1,0737

#### Ball material

1 1,0737

#### Ball seat material

A POM  
D PEEK  
G PA612  
K GEMPTFE  
C PTFE

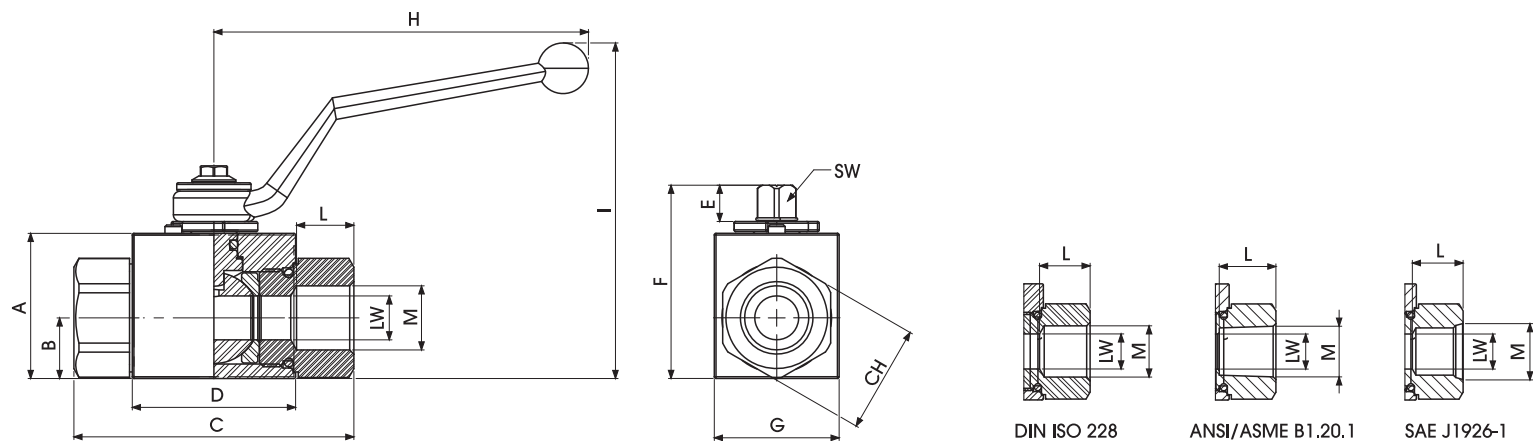
#### Adapter and stem seal material

B NBR  
E FKM  
F EPDM  
L MVQ

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## 2.1.2

## Standard



### GE2 DIN ISO 228 BSP

Standard

| TYPE           | PN     | DN | A  | B    | C   | D    | E  | F     | G  | H   | I     | L    | M        | CH | SW | LW | WEIGHT Kg | ITEM CODE       |
|----------------|--------|----|----|------|-----|------|----|-------|----|-----|-------|------|----------|----|----|----|-----------|-----------------|
| GE2 G 1/8      | 50 MPa | 4  | 35 | 14,5 | 71  | 42,4 | 11 | 49    | 30 | 110 | 91,5  | 11   | G 1/8    | 24 | 9  | 4  | 0,512     | GE2GGT05011A000 |
| GE2 G 1/4      | 50 MPa | 6  | 35 | 14,5 | 71  | 42,4 | 11 | 49    | 30 | 110 | 91,5  | 15,5 | G 1/4    | 24 | 9  | 6  | 0,497     | GE2GGT15011A000 |
| GE2 G 3/8      | 50 MPa | 10 | 40 | 17,4 | 73  | 44,4 | 11 | 54,25 | 35 | 110 | 96,5  | 15,5 | G 3/8    | 30 | 9  | 10 | 0,652     | GE2GGT25011A000 |
| GE2 G 1/2      | 50 MPa | 13 | 43 | 18   | 83  | 48,4 | 11 | 57    | 37 | 110 | 99,5  | 17   | G 1/2    | 32 | 9  | 13 | 0,77      | GE2GGT35011A000 |
| GE2 G 3/4      | 40 MPa | 20 | 55 | 23,4 | 95  | 62,5 | 14 | 73,5  | 45 | 180 | 106,5 | 21   | G 3/4    | 41 | 14 | 20 | 1,46      | GE2GGT44011A000 |
| GE2 G 1"       | 35 MPa | 25 | 65 | 29,5 | 112 | 66,5 | 14 | 83,5  | 55 | 180 | 116,5 | 24   | G 1"     | 50 | 14 | 25 | 2,23      | GE2GGT53011A000 |
| GE2 G 1" 1/4 R | 35 MPa | 25 | 65 | 29,5 | 120 | 66,5 | 14 | 83,5  | 55 | 180 | 116,5 | 24   | G 1" 1/4 | 55 | 14 | 25 | 2,299     | GE2GGR63011A000 |
| GE2 G 1" 1/2 R | 35 MPa | 25 | 65 | 29,5 | 124 | 66,5 | 14 | 83,5  | 55 | 180 | 116,5 | 24   | G 1" 1/2 | 60 | 14 | 25 | 2,413     | GE2GGR73011A000 |

### GE2 ANSI/ASME B1.20.1 NPT

Standard

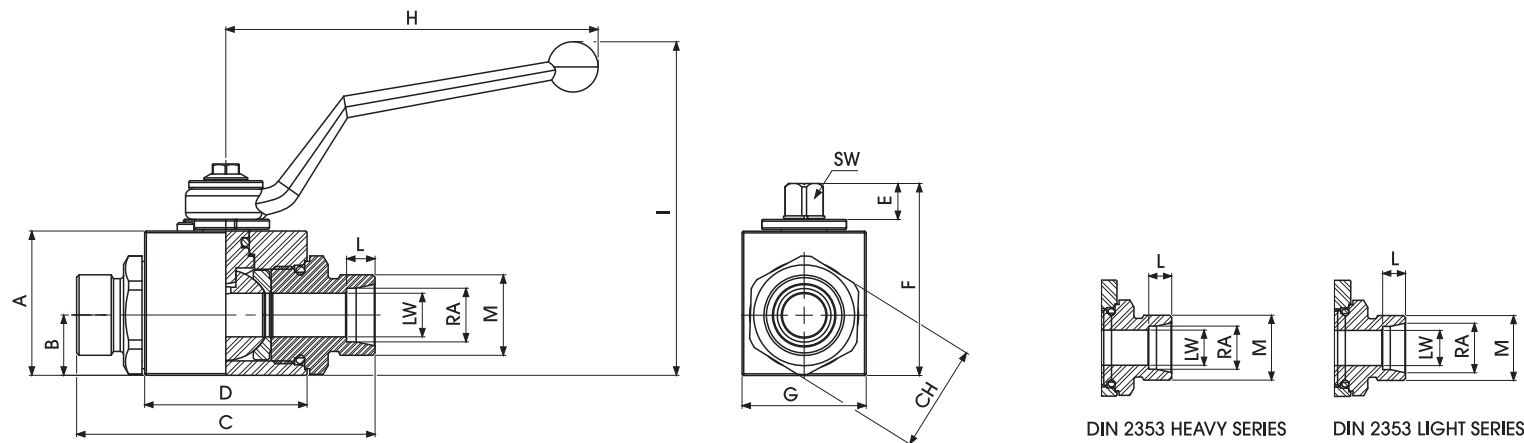
| TYPE           | PN     | DN | A  | B    | C   | D    | E  | F     | G  | H   | I     | L  | M        | CH | SW | LW | WEIGHT Kg | ITEM CODE       |
|----------------|--------|----|----|------|-----|------|----|-------|----|-----|-------|----|----------|----|----|----|-----------|-----------------|
| GE2 N 1/8      | 50 MPa | 4  | 35 | 14,5 | 71  | 42,4 | 11 | 49    | 30 | 110 | 91,5  | 11 | N 1/8    | 24 | 9  | 4  | 0,512     | GE2NNT05011A000 |
| GE2 N 1/4      | 50 MPa | 6  | 35 | 14,5 | 71  | 42,4 | 11 | 49    | 30 | 110 | 91,5  | 17 | N 1/4    | 24 | 9  | 6  | 0,5       | GE2NNT15011A000 |
| GE2 N 3/8      | 50 MPa | 10 | 40 | 17,4 | 73  | 44,4 | 11 | 54,25 | 35 | 110 | 96,5  | 17 | N 3/8    | 30 | 9  | 10 | 0,655     | GE2NNT25011A000 |
| GE2 N 1/2      | 50 MPa | 13 | 43 | 18   | 83  | 48,4 | 11 | 57    | 37 | 110 | 99,5  | 21 | N 1/2    | 32 | 9  | 13 | 0,771     | GE2NNT35011A000 |
| GE2 N 3/4      | 40 MPa | 20 | 55 | 23,4 | 95  | 62,5 | 14 | 73,5  | 45 | 180 | 106,5 | 21 | N 3/4    | 41 | 14 | 20 | 1,478     | GE2NNT44011A000 |
| GE2 N 1"       | 35 MPa | 25 | 65 | 29,5 | 112 | 66,5 | 14 | 83,5  | 55 | 180 | 116,5 | 24 | N 1"     | 50 | 14 | 25 | 2,279     | GE2NNT53011A000 |
| GE2 N 1" 1/4 R | 35 MPa | 25 | 65 | 29,5 | 120 | 66,5 | 14 | 83,5  | 55 | 180 | 116,5 | 24 | N 1" 1/4 | 55 | 14 | 25 | 2,351     | GE2NNR63011A000 |
| GE2 N 1" 1/2 R | 35 MPa | 25 | 65 | 29,5 | 124 | 66,5 | 14 | 83,5  | 55 | 180 | 116,5 | 24 | N 1" 1/2 | 60 | 14 | 25 | 2,482     | GE2NNR73011A000 |

### GE2 SAE J1926-1

Standard

| TYPE       | PN     | DN | A  | B    | C   | D    | E  | F     | G  | H   | I     | L    | M          | CH | SW | LW | WEIGHT Kg | ITEM CODE       |
|------------|--------|----|----|------|-----|------|----|-------|----|-----|-------|------|------------|----|----|----|-----------|-----------------|
| GE2 SAE4   | 50 MPa | 6  | 35 | 14,5 | 71  | 42,4 | 11 | 49    | 30 | 110 | 91,5  | 15,5 | 7/16 UNF   | 24 | 9  | 6  | 0,504     | GE2EEE05011A000 |
| GE2 SAE6   | 50 MPa | 10 | 40 | 17,4 | 73  | 44,4 | 11 | 54,25 | 35 | 110 | 96,5  | 16   | 9/16 UNF   | 30 | 9  | 10 | 0,663     | GE2EEE15011A000 |
| GE2 SAE8   | 50 MPa | 13 | 43 | 18   | 83  | 48,4 | 11 | 57    | 37 | 110 | 99,5  | 17,5 | 3/4 UNF    | 32 | 9  | 13 | 0,779     | GE2EEE25011A000 |
| GE2 SAE12  | 40 MPa | 20 | 55 | 23,4 | 95  | 62,5 | 14 | 73,5  | 45 | 180 | 106,5 | 23   | 1" 1/16 UN | 41 | 14 | 20 | 1,441     | GE2EEE34011A000 |
| GE2 SAE16  | 35 MPa | 25 | 65 | 29,5 | 112 | 66,5 | 14 | 83,5  | 55 | 180 | 116,5 | 23   | 1" 5/16 UN | 50 | 14 | 25 | 2,335     | GE2EEE43011A000 |
| GE2 SAE20R | 35 MPa | 25 | 65 | 29,5 | 120 | 66,5 | 14 | 83,5  | 55 | 180 | 116,5 | 23   | 1" 5/8 UN  | 55 | 14 | 25 | 2,307     | GE2EEE53011A000 |
| GE2 SAE24R | 35 MPa | 25 | 65 | 29,5 | 124 | 66,5 | 14 | 83,5  | 55 | 180 | 116,5 | 23   | 1" 7/8 UN  | 60 | 14 | 25 | 2,399     | GE2EEE63011A000 |

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## GE2 DIN 2353 HEAVY SERIES

Standard

| TYPE    | PN     | DN | A  | B    | C    | D    | E  | F     | G  | H   | I     | L    | M      | CH | LW | SW | RA | WEIGHT Kg | ITEM CODE       |
|---------|--------|----|----|------|------|------|----|-------|----|-----|-------|------|--------|----|----|----|----|-----------|-----------------|
| GE2 8S  | 50 MPa | 4  | 35 | 14,5 | 76   | 42,4 | 11 | 49    | 30 | 110 | 91,5  | 7    | 16X1,5 | 24 | 4  | 9  | 8  | 0,501     | GE2DDS05011A000 |
| GE2 10S | 50 MPa | 6  | 35 | 14,5 | 76   | 42,4 | 11 | 49    | 30 | 110 | 91,5  | 7,5  | 18X1,5 | 24 | 6  | 9  | 10 | 0,501     | GE2DDS15011A000 |
| GE2 12S | 50 MPa | 8  | 35 | 14,5 | 76   | 42,4 | 11 | 49    | 30 | 110 | 91,5  | 7,5  | 20X1,5 | 24 | 8  | 9  | 12 | 0,501     | GE2DDR5011A000  |
| GE2 12S | 50 MPa | 10 | 40 | 17,4 | 76   | 44,4 | 11 | 54,25 | 35 | 110 | 96,5  | 7,5  | 20X1,5 | 30 | 10 | 9  | 12 | 0,599     | GE2DDS25011A000 |
| GE2 14S | 50 MPa | 10 | 40 | 17,4 | 82,5 | 44,4 | 11 | 54,25 | 35 | 110 | 96,5  | 8    | 22X1,5 | 30 | 10 | 9  | 14 | 0,629     | GE2DDS35011A000 |
| GE2 16S | 50 MPa | 13 | 43 | 18   | 89   | 48,4 | 11 | 57    | 37 | 110 | 99,5  | 8,5  | 24X1,5 | 32 | 13 | 9  | 16 | 0,67      | GE2DDS45011A000 |
| GE2 20S | 50 MPa | 13 | 43 | 18   | 93   | 48,4 | 11 | 57    | 37 | 110 | 99,5  | 10,5 | 30X2   | 32 | 13 | 9  | 20 | 0,786     | GE2DDS55011A000 |
| GE2 25S | 40 MPa | 20 | 55 | 23,4 | 111  | 62,5 | 14 | 73,5  | 45 | 180 | 106,5 | 12   | 36X2   | 41 | 20 | 14 | 25 | 1,485     | GE2DDS64011A000 |
| GE2 30S | 35 MPa | 25 | 65 | 29,5 | 121  | 66,5 | 14 | 83,5  | 55 | 180 | 116,5 | 13   | 42X2   | 50 | 25 | 14 | 30 | 2,145     | GE2DDS73011A000 |
| GE2 38S | 35 MPa | 25 | 65 | 29,5 | 131  | 66,5 | 14 | 83,5  | 55 | 180 | 116,5 | 16   | 52X2   | 55 | 25 | 14 | 38 | 2,373     | GE2DDS83011A000 |

## GE2 DIN 2353 LIGHT SERIES

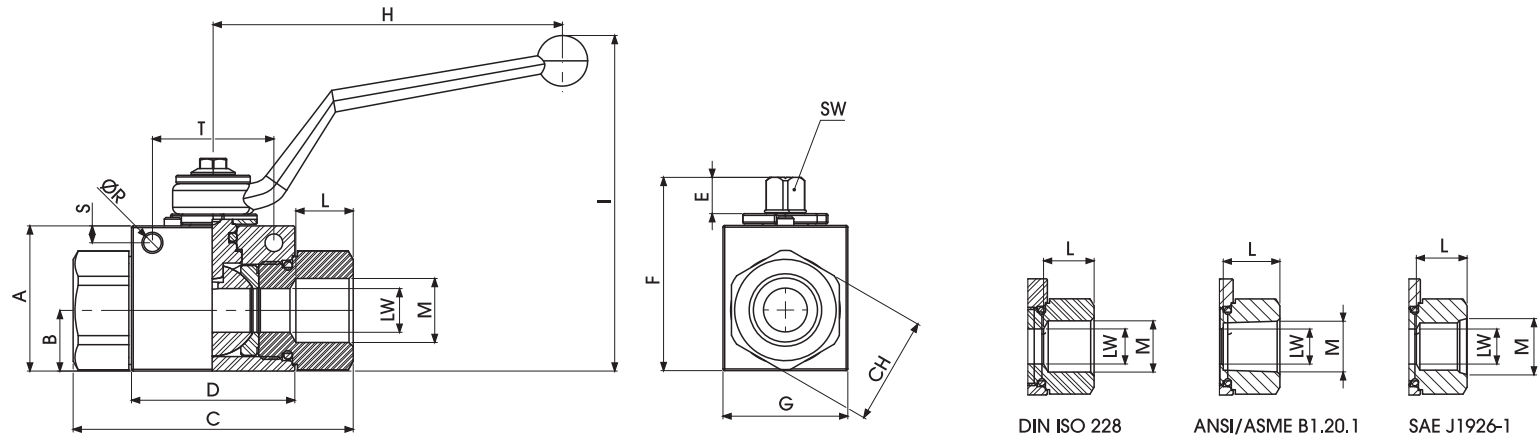
Standard

| TYPE    | PN     | DN | A  | B    | C    | D    | E  | F     | G  | H   | I     | L    | M      | CH | LW | SW | RA | WEIGHT Kg | ITEM CODE       |
|---------|--------|----|----|------|------|------|----|-------|----|-----|-------|------|--------|----|----|----|----|-----------|-----------------|
| GE2 6L  | 50 MPa | 6  | 35 | 14,5 | 76   | 42,4 | 11 | 49    | 30 | 110 | 91,5  | 7    | 12X1,5 | 24 | 6  | 9  | 6  | 0,475     | GE2DDL05011A000 |
| GE2 8L  | 50 MPa | 6  | 35 | 14,5 | 76   | 42,4 | 11 | 49    | 30 | 110 | 91,5  | 7    | 14X1,5 | 24 | 6  | 9  | 8  | 0,477     | GE2DDL15011A000 |
| GE2 10L | 50 MPa | 6  | 35 | 14,5 | 76   | 42,4 | 11 | 49    | 30 | 110 | 91,5  | 7    | 16X1,5 | 24 | 6  | 9  | 10 | 0,475     | GE2DDR15011A000 |
| GE2 10L | 50 MPa | 10 | 40 | 17,4 | 76,5 | 44,4 | 11 | 54,25 | 35 | 110 | 96,5  | 7    | 16X1,5 | 30 | 10 | 9  | 10 | 0,597     | GE2DDL25011A000 |
| GE2 12L | 50 MPa | 10 | 40 | 17,4 | 79,5 | 44,4 | 11 | 54,25 | 35 | 110 | 96,5  | 7    | 18X1,5 | 30 | 10 | 9  | 12 | 0,616     | GE2DDL35011A000 |
| GE2 15L | 50 MPa | 13 | 43 | 18   | 87   | 48,4 | 11 | 57    | 37 | 110 | 99,5  | 7    | 22X1,5 | 32 | 13 | 9  | 15 | 0,731     | GE2DDL45011A000 |
| GE2 18L | 50 MPa | 13 | 43 | 18   | 87   | 48,4 | 11 | 57    | 37 | 110 | 99,5  | 7,5  | 26X1,5 | 32 | 13 | 9  | 18 | 0,748     | GE2DDL55011A000 |
| GE2 22L | 40 MPa | 20 | 55 | 23,4 | 110  | 62,5 | 14 | 73,5  | 45 | 180 | 106,5 | 7,5  | 30X2   | 41 | 20 | 14 | 22 | 1,463     | GE2DDL64011A000 |
| GE2 28L | 35 MPa | 25 | 65 | 29,5 | 117  | 66,5 | 14 | 83,5  | 55 | 180 | 116,5 | 7,5  | 36X2   | 50 | 25 | 14 | 28 | 2,131     | GE2DDL73011A000 |
| GE2 35L | 35 MPa | 25 | 65 | 29,5 | 119  | 66,5 | 14 | 83,5  | 55 | 180 | 116,5 | 10,5 | 45X2   | 50 | 25 | 14 | 35 | 2,163     | GE2DDL83011A000 |
| GE2 42L | 35 MPa | 25 | 65 | 29,5 | 119  | 66,5 | 14 | 83,5  | 55 | 180 | 116,5 | 11   | 52X2   | 55 | 25 | 14 | 42 | 2,256     | GE2DDL93011A000 |

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## 2.1.4

## Fixing holes



### GE2 DIN ISO 228 BSP

Fixing holes

| TYPE           | PN     | DN | A  | B    | C   | D    | E  | F     | G  | H   | I     | L    | M        | CH | ØR   | S   | T  | SW | LW | WEIGHT Kg | ITEM CODE       |
|----------------|--------|----|----|------|-----|------|----|-------|----|-----|-------|------|----------|----|------|-----|----|----|----|-----------|-----------------|
| GE2 G 1/8      | 50 MPa | 4  | 35 | 14,5 | 71  | 42,4 | 11 | 49    | 30 | 110 | 91,5  | 11   | G 1/8    | 24 | 5,25 | 4,5 | 34 | 9  | 4  | 0,505     | GE2GGT05011AF10 |
| GE2 G 1/4      | 50 MPa | 6  | 35 | 14,5 | 71  | 42,4 | 11 | 49    | 30 | 110 | 91,5  | 15,5 | G 1/4    | 24 | 5,25 | 4,5 | 34 | 9  | 6  | 0,49      | GE2GGT15011AF10 |
| GE2 G 3/8      | 50 MPa | 10 | 40 | 17,4 | 73  | 44,4 | 11 | 54,25 | 35 | 110 | 96,5  | 15,5 | G 3/8    | 30 | 5,25 | 4,5 | 34 | 9  | 10 | 0,644     | GE2GGT25011AF10 |
| GE2 G 1/2      | 50 MPa | 13 | 43 | 18   | 83  | 48,4 | 11 | 57    | 37 | 110 | 99,5  | 17   | G 1/2    | 32 | 5,25 | 5   | 36 | 9  | 13 | 0,757     | GE2GGT35011AF10 |
| GE2 G 3/4      | 40 MPa | 20 | 55 | 23,4 | 95  | 62,5 | 14 | 73,5  | 45 | 180 | 106,5 | 21   | G 3/4    | 41 | 6,25 | 6   | 50 | 14 | 20 | 1,438     | GE2GGT44011AF10 |
| GE2 G 1"       | 35 MPa | 25 | 65 | 29,5 | 112 | 66,5 | 14 | 83,5  | 55 | 180 | 116,5 | 24   | G 1"     | 50 | 6,25 | 6   | 50 | 14 | 25 | 2,223     | GE2GGT53011AF10 |
| GE2 G 1" 1/4 R | 35 MPa | 25 | 65 | 29,5 | 120 | 66,5 | 14 | 83,5  | 55 | 180 | 116,5 | 24   | G 1" 1/4 | 55 | 6,25 | 6   | 50 | 14 | 25 | 2,273     | GE2GGR63011AF10 |
| GE2 G 1" 1/2 R | 35 MPa | 25 | 65 | 29,5 | 124 | 66,5 | 14 | 83,5  | 55 | 180 | 116,5 | 24   | G 1" 1/2 | 60 | 6,25 | 6   | 50 | 14 | 25 | 2,386     | GE2GGR73011AF10 |

### GE2 ANSI/ASME B1.20.1 NPT

Fixing holes

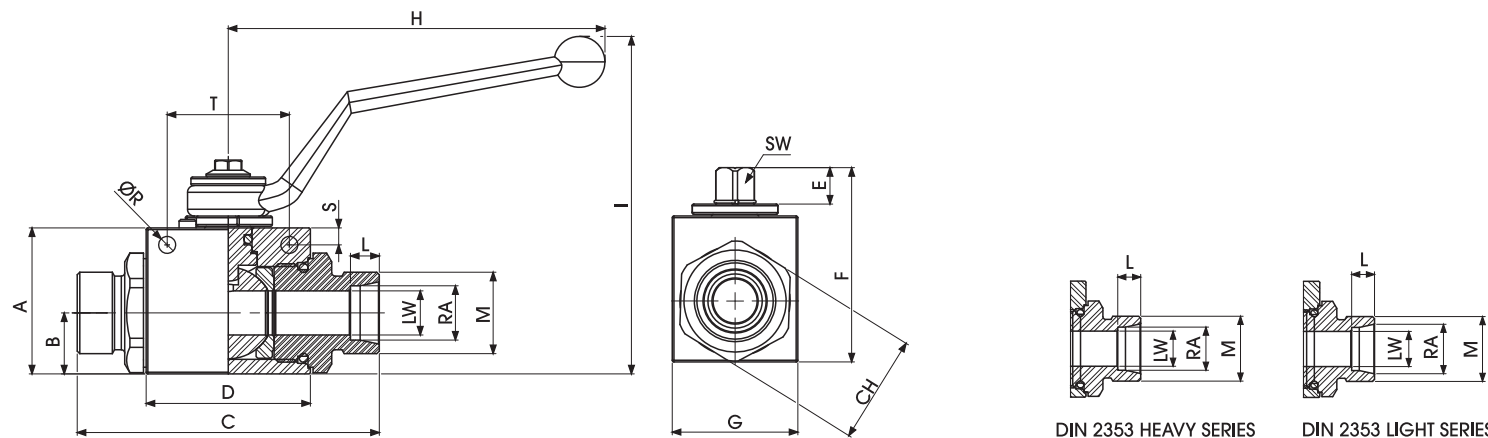
| TYPE           | PN     | DN | A  | B    | C   | D    | E  | F     | G  | H   | I     | L  | M        | CH | ØR   | S   | T  | SW | LW | WEIGHT Kg | ITEM CODE       |
|----------------|--------|----|----|------|-----|------|----|-------|----|-----|-------|----|----------|----|------|-----|----|----|----|-----------|-----------------|
| GE2 N 1/8      | 50 MPa | 4  | 35 | 14,5 | 71  | 42,4 | 11 | 49    | 30 | 110 | 91,5  | 11 | N 1/8    | 24 | 5,25 | 4,5 | 34 | 9  | 4  | 0,505     | GE2NNT05011AF10 |
| GE2 N 1/4      | 50 MPa | 6  | 35 | 14,5 | 71  | 42,4 | 11 | 49    | 30 | 110 | 91,5  | 17 | N 1/4    | 24 | 5,25 | 4,5 | 34 | 9  | 6  | 0,49      | GE2NNT15011AF10 |
| GE2 N 3/8      | 50 MPa | 10 | 40 | 17,4 | 73  | 44,4 | 11 | 54,25 | 35 | 110 | 96,5  | 17 | N 3/8    | 30 | 5,25 | 4,5 | 34 | 9  | 10 | 0,644     | GE2NNT25011AF10 |
| GE2 N 1/2      | 50 MPa | 13 | 43 | 18   | 83  | 48,4 | 11 | 57    | 37 | 110 | 99,5  | 21 | N 1/2    | 32 | 5,25 | 5   | 36 | 9  | 13 | 0,757     | GE2NNT35011AF10 |
| GE2 N 3/4      | 40 MPa | 20 | 55 | 23,4 | 95  | 62,5 | 14 | 73,5  | 45 | 180 | 106,5 | 21 | N 3/4    | 41 | 6,25 | 6   | 50 | 14 | 20 | 1,438     | GE2NNT44011AF10 |
| GE2 N 1"       | 35 MPa | 25 | 65 | 29,5 | 112 | 66,5 | 14 | 83,5  | 55 | 180 | 116,5 | 24 | N 1"     | 50 | 6,25 | 6   | 50 | 14 | 25 | 2,223     | GE2NNT53011AF10 |
| GE2 N 1" 1/4 R | 35 MPa | 25 | 65 | 29,5 | 120 | 66,5 | 14 | 83,5  | 55 | 180 | 116,5 | 24 | N 1" 1/4 | 55 | 6,25 | 6   | 50 | 14 | 25 | 2,273     | GE2NNR63011AF10 |
| GE2 N 1" 1/2 R | 35 MPa | 25 | 65 | 29,5 | 124 | 66,5 | 14 | 83,5  | 55 | 180 | 116,5 | 24 | N 1" 1/2 | 60 | 6,25 | 6   | 50 | 14 | 25 | 2,386     | GE2NNR73011AF10 |

### GE2 SAE J1926-1

Fixing holes

| TYPE       | PN     | DN | A  | B    | C   | D    | E  | F     | G  | H   | I     | L    | M          | CH | ØR   | S   | T  | SW | LW | WEIGHT Kg | ITEM CODE       |
|------------|--------|----|----|------|-----|------|----|-------|----|-----|-------|------|------------|----|------|-----|----|----|----|-----------|-----------------|
| GE2 SAE4   | 50 MPa | 6  | 35 | 14,5 | 71  | 42,4 | 11 | 49    | 30 | 110 | 91,5  | 15,5 | 7/16 UNF   | 24 | 5,25 | 4,5 | 34 | 9  | 6  | 0,49      | GE2EEE05011AF10 |
| GE2 SAE6   | 50 MPa | 10 | 40 | 17,4 | 73  | 44,4 | 11 | 54,25 | 35 | 110 | 96,5  | 16   | 9/16 UNF   | 30 | 5,25 | 4,5 | 34 | 9  | 10 | 0,644     | GE2EEE15011AF10 |
| GE2 SAE8   | 50 MPa | 13 | 43 | 18   | 83  | 48,4 | 11 | 57    | 37 | 110 | 99,5  | 17,5 | 3/4 UNF    | 32 | 5,25 | 5   | 36 | 9  | 13 | 0,757     | GE2EEE25011AF10 |
| GE2 SAE12  | 40 MPa | 20 | 55 | 23,4 | 95  | 62,5 | 14 | 73,5  | 45 | 180 | 106,5 | 23   | 1" 1/16 UN | 41 | 6,25 | 6   | 50 | 14 | 20 | 1,438     | GE2EEE34011AF10 |
| GE2 SAE16  | 35 MPa | 25 | 65 | 29,5 | 112 | 66,5 | 14 | 83,5  | 55 | 180 | 116,5 | 23   | 1" 5/16 UN | 50 | 6,25 | 6   | 50 | 14 | 25 | 2,223     | GE2EEE43011AF10 |
| GE2 SAE20R | 35 MPa | 25 | 65 | 29,5 | 120 | 66,5 | 14 | 83,5  | 55 | 180 | 116,5 | 23   | 1" 5/8 UN  | 55 | 6,25 | 6   | 50 | 14 | 25 | 2,273     | GE2EEE53011AF10 |
| GE2 SAE24R | 35 MPa | 25 | 65 | 29,5 | 124 | 66,5 | 14 | 83,5  | 55 | 180 | 116,5 | 23   | 1" 7/8 UN  | 60 | 6,25 | 6   | 50 | 14 | 25 | 2,386     | GE2EEE63011AF10 |

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DIN 2353 HEAVY SERIES

DIN 2353 LIGHT SERIES

## GE2 DIN 2353 HEAVY SERIES

Fixing holes

| TYPE    | PN     | DN | A  | B    | C   | D    | E  | F     | G  | H   | I     | L    | M      | CH | ØR   | S | T  | LW | SW | RA | WEIGHT Kg | ITEM CODE       |
|---------|--------|----|----|------|-----|------|----|-------|----|-----|-------|------|--------|----|------|---|----|----|----|----|-----------|-----------------|
| GE2 8S  | 50 MPa | 4  | 35 | 14,5 | 76  | 42,4 | 11 | 49    | 30 | 110 | 91,5  | 7    | 16X1,5 | 24 | 4,25 | 4 | 34 | 4  | 9  | 8  | 0,405     | GE2DDS05011AF10 |
| GE2 10S | 50 MPa | 6  | 35 | 14,5 | 76  | 42,4 | 11 | 49    | 30 | 110 | 91,5  | 7,5  | 18X1,5 | 24 | 4,25 | 4 | 34 | 6  | 9  | 10 | 0,47      | GE2DDS15011AF10 |
| GE2 12S | 50 MPa | 8  | 35 | 14,5 | 76  | 42,4 | 11 | 49    | 30 | 110 | 91,5  | 7,5  | 20X1,5 | 24 | 4,25 | 4 | 34 | 8  | 9  | 12 | 0,468     | GE2DDRS5011AF10 |
| GE2 12S | 50 MPa | 10 | 40 | 17,4 | 76  | 44,4 | 11 | 54,25 | 35 | 110 | 96,5  | 7,5  | 20X1,5 | 30 | 4,25 | 4 | 34 | 10 | 9  | 12 | 0,589     | GE2DDS25011AF10 |
| GE2 14S | 50 MPa | 10 | 40 | 17,4 | 83  | 44,4 | 11 | 54,25 | 35 | 110 | 96,5  | 8    | 22X1,5 | 30 | 4,25 | 4 | 34 | 10 | 9  | 14 | 0,608     | GE2DDS35011AF10 |
| GE2 16S | 50 MPa | 13 | 43 | 18   | 89  | 48,4 | 11 | 57    | 37 | 110 | 99,5  | 8,5  | 24X1,5 | 32 | 5,25 | 5 | 36 | 13 | 9  | 16 | 0,72      | GE2DDS45011AF10 |
| GE2 20S | 50 MPa | 13 | 43 | 18   | 93  | 48,4 | 11 | 57    | 37 | 110 | 99,5  | 10,5 | 30X2   | 32 | 5,25 | 5 | 36 | 13 | 9  | 20 | 0,737     | GE2DDS55011AF10 |
| GE2 25S | 40 MPa | 20 | 55 | 23,4 | 111 | 62,5 | 14 | 73,5  | 45 | 180 | 106,5 | 12   | 36X2   | 41 | 6,25 | 6 | 50 | 20 | 14 | 25 | 1,463     | GE2DDS64011AF10 |
| GE2 30S | 35 MPa | 25 | 65 | 29,5 | 121 | 66,5 | 14 | 83,5  | 55 | 180 | 116,5 | 13   | 42X2   | 50 | 6,25 | 6 | 50 | 25 | 14 | 30 | 2,111     | GE2DDS73011AF10 |
| GE2 38S | 35 MPa | 25 | 65 | 29,5 | 131 | 66,5 | 14 | 83,5  | 55 | 180 | 116,5 | 16   | 52X2   | 55 | 6,25 | 6 | 50 | 25 | 14 | 38 | 2,143     | GE2DDS83011AF10 |

## GE2 DIN 2353 LIGHT SERIES

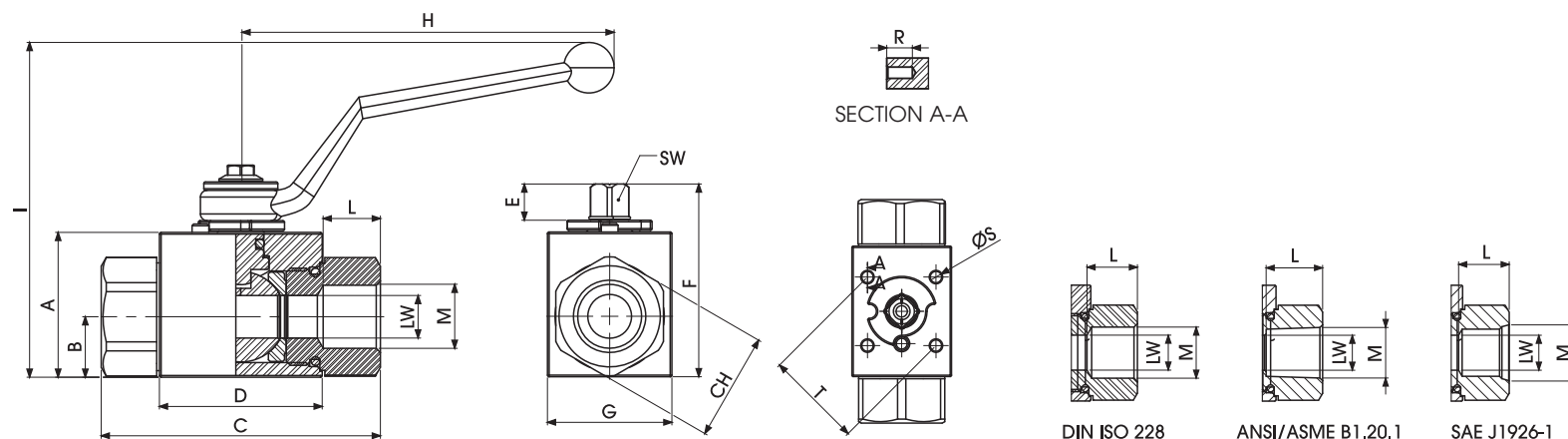
Fixing holes

| TYPE    | PN     | DN | A  | B    | C   | D    | E  | F     | G  | H   | I     | L    | M      | CH | ØR   | S   | T  | LW | SW | RA | WEIGHT Kg | ITEM CODE       |
|---------|--------|----|----|------|-----|------|----|-------|----|-----|-------|------|--------|----|------|-----|----|----|----|----|-----------|-----------------|
| GE2 6L  | 50 MPa | 6  | 35 | 14,5 | 76  | 42,4 | 11 | 49    | 30 | 110 | 91,5  | 7    | 12X1,5 | 24 | 5,25 | 4,5 | 34 | 6  | 9  | 6  | 0,405     | GE2DDL05011AF10 |
| GE2 8L  | 50 MPa | 6  | 35 | 14,5 | 76  | 42,4 | 11 | 49    | 30 | 110 | 91,5  | 7    | 14X1,5 | 24 | 5,25 | 4,5 | 34 | 6  | 9  | 8  | 0,47      | GE2DDL15011AF10 |
| GE2 10L | 50 MPa | 6  | 35 | 14,5 | 76  | 42,4 | 11 | 49    | 30 | 110 | 91,5  | 7    | 16X1,5 | 24 | 5,25 | 4,5 | 34 | 6  | 9  | 10 | 0,468     | GE2DDRL5011AF10 |
| GE2 10L | 50 MPa | 10 | 40 | 17,4 | 77  | 44,4 | 11 | 54,25 | 35 | 110 | 96,5  | 7    | 16X1,5 | 30 | 5,25 | 4,5 | 34 | 10 | 9  | 10 | 0,589     | GE2DDL25011AF10 |
| GE2 12L | 50 MPa | 10 | 40 | 17,4 | 80  | 44,4 | 11 | 54,25 | 35 | 110 | 96,5  | 7    | 18X1,5 | 30 | 5,25 | 4,5 | 34 | 10 | 9  | 12 | 0,608     | GE2DDL35011AF10 |
| GE2 15L | 50 MPa | 13 | 43 | 18   | 87  | 48,4 | 11 | 57    | 37 | 110 | 99,5  | 7    | 22X1,5 | 32 | 5,25 | 5   | 36 | 13 | 9  | 15 | 0,72      | GE2DDL45011AF10 |
| GE2 18L | 50 MPa | 13 | 43 | 18   | 87  | 48,4 | 11 | 57    | 37 | 110 | 99,5  | 7,5  | 26X1,5 | 32 | 5,25 | 5   | 36 | 13 | 9  | 18 | 0,737     | GE2DDL55011AF10 |
| GE2 22L | 40 MPa | 20 | 55 | 23,4 | 110 | 62,5 | 14 | 73,5  | 45 | 180 | 106,5 | 7,5  | 30X2   | 41 | 6,25 | 6   | 50 | 20 | 14 | 22 | 1,463     | GE2DDL64011AF10 |
| GE2 28L | 35 MPa | 25 | 65 | 29,5 | 117 | 66,5 | 14 | 83,5  | 55 | 180 | 116,5 | 7,5  | 36X2   | 50 | 6,25 | 6   | 50 | 25 | 14 | 28 | 2,111     | GE2DDL73011AF10 |
| GE2 35L | 35 MPa | 25 | 65 | 29,5 | 119 | 66,5 | 14 | 83,5  | 55 | 180 | 116,5 | 10,5 | 45X2   | 50 | 6,25 | 6   | 50 | 25 | 14 | 35 | 2,143     | GE2DDL83011AF10 |
| GE2 42L | 35 MPa | 25 | 65 | 29,5 | 119 | 66,5 | 14 | 83,5  | 55 | 180 | 116,5 | 11   | 52X2   | 55 | 6,25 | 6   | 50 | 25 | 14 | 42 | 2,236     | GE2DDL93011AF10 |

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## 2.1.6

## Fixing holes DIN/ISO5211



### GE2 DIN ISO 228 BSP

Fixing holes DIN/ISO5211

| TYPE           | PN     | DN | A  | B    | C   | D    | E  | F     | G  | H   | I     | L    | M        | CH | R  | ØS | T  | ISO5211 | SW | LW | WEIGHT Kg | ITEM CODE       |
|----------------|--------|----|----|------|-----|------|----|-------|----|-----|-------|------|----------|----|----|----|----|---------|----|----|-----------|-----------------|
| GE2 G 1/8      | 50 MPa | 4  | 35 | 14,5 | 71  | 42,4 | 11 | 49    | 30 | 110 | 91,5  | 11   | G 1/8    | 24 | 9  | M4 | 35 | F03     | 9  | 4  | 0,505     | GE2GGT05011AF50 |
| GE2 G 1/4      | 50 MPa | 6  | 35 | 14,5 | 71  | 42,4 | 11 | 49    | 30 | 110 | 91,5  | 15,5 | G 1/4    | 24 | 9  | M4 | 35 | F03     | 9  | 6  | 0,49      | GE2GGT15011AF50 |
| GE2 G 3/8      | 50 MPa | 10 | 40 | 17,4 | 73  | 44,4 | 11 | 54,25 | 35 | 110 | 96,5  | 15,5 | G 3/8    | 30 | 9  | M5 | 36 | F03     | 9  | 10 | 0,644     | GE2GGT25011AF50 |
| GE2 G 1/2      | 50 MPa | 13 | 43 | 18   | 83  | 48,4 | 11 | 57    | 37 | 110 | 99,5  | 17   | G 1/2    | 32 | 9  | M5 | 36 | F03     | 9  | 13 | 0,757     | GE2GGT35011AF50 |
| GE2 G 3/4      | 40 MPa | 20 | 55 | 23,4 | 95  | 62,5 | 14 | 73,5  | 45 | 180 | 106,5 | 21   | G 3/4    | 41 | 15 | M6 | 50 | F05     | 14 | 20 | 1,438     | GE2GGT44011AF50 |
| GE2 G 1"       | 35 MPa | 25 | 65 | 29,5 | 112 | 66,5 | 14 | 83,5  | 55 | 180 | 116,5 | 24   | G 1"     | 50 | 15 | M6 | 50 | F05     | 14 | 25 | 2,223     | GE2GGT53011AF50 |
| GE2 G 1" 1/4 R | 35 MPa | 25 | 65 | 29,5 | 120 | 66,5 | 14 | 83,5  | 55 | 180 | 116,5 | 24   | G 1" 1/4 | 55 | 15 | M6 | 50 | F05     | 14 | 25 | 2,273     | GE2GGR63011AF50 |
| GE2 G 1" 1/2 R | 35 MPa | 25 | 65 | 29,5 | 124 | 66,5 | 14 | 83,5  | 55 | 180 | 116,5 | 24   | G 1" 1/2 | 60 | 15 | M6 | 50 | F05     | 14 | 25 | 2,386     | GE2GGR73011AF50 |

### GE2 ANSI/ASME B1.20.1 NPT

Fixing holes DIN/ISO5211

| TYPE           | PN     | DN | A  | B    | C   | D    | E  | F     | G  | H   | I     | L  | M        | CH | R  | ØS | T  | ISO5211 | SW | LW | WEIGHT Kg | ITEM CODE       |
|----------------|--------|----|----|------|-----|------|----|-------|----|-----|-------|----|----------|----|----|----|----|---------|----|----|-----------|-----------------|
| GE2 N 1/8      | 50 MPa | 4  | 35 | 14,5 | 71  | 42,4 | 11 | 49    | 30 | 110 | 91,5  | 11 | N 1/8    | 24 | 9  | M4 | 35 | F03     | 9  | 4  | 0,505     | GE2NNT05011AF50 |
| GE2 N 1/4      | 50 MPa | 6  | 35 | 14,5 | 71  | 42,4 | 11 | 49    | 30 | 110 | 91,5  | 17 | N 1/4    | 24 | 9  | M4 | 35 | F03     | 9  | 6  | 0,49      | GE2NNT15011AF50 |
| GE2 N 3/8      | 50 MPa | 10 | 40 | 17,4 | 73  | 44,4 | 11 | 54,25 | 35 | 110 | 96,5  | 17 | N 3/8    | 30 | 9  | M5 | 36 | F03     | 9  | 10 | 0,644     | GE2NNT25011AF50 |
| GE2 N 1/2      | 50 MPa | 13 | 43 | 18   | 83  | 48,4 | 11 | 57    | 37 | 110 | 99,5  | 21 | N 1/2    | 32 | 9  | M5 | 36 | F03     | 9  | 13 | 0,757     | GE2NNT35011AF50 |
| GE2 N 3/4      | 40 MPa | 20 | 55 | 23,4 | 95  | 62,5 | 14 | 73,5  | 45 | 180 | 106,5 | 21 | N 3/4    | 41 | 15 | M6 | 50 | F05     | 14 | 20 | 1,438     | GE2NNT44011AF50 |
| GE2 N 1"       | 35 MPa | 25 | 65 | 29,5 | 112 | 66,5 | 14 | 83,5  | 55 | 180 | 116,5 | 24 | N 1"     | 50 | 15 | M6 | 50 | F05     | 14 | 25 | 2,223     | GE2NNT53011AF50 |
| GE2 N 1" 1/4 R | 35 MPa | 25 | 65 | 29,5 | 120 | 66,5 | 14 | 83,5  | 55 | 180 | 116,5 | 24 | N 1" 1/4 | 55 | 15 | M6 | 50 | F05     | 14 | 25 | 2,273     | GE2NNR63011AF50 |
| GE2 N 1" 1/2 R | 35 MPa | 25 | 65 | 29,5 | 124 | 66,5 | 14 | 83,5  | 55 | 180 | 116,5 | 24 | N 1" 1/2 | 60 | 15 | M6 | 50 | F05     | 14 | 25 | 2,386     | GE2NNR73011AF50 |

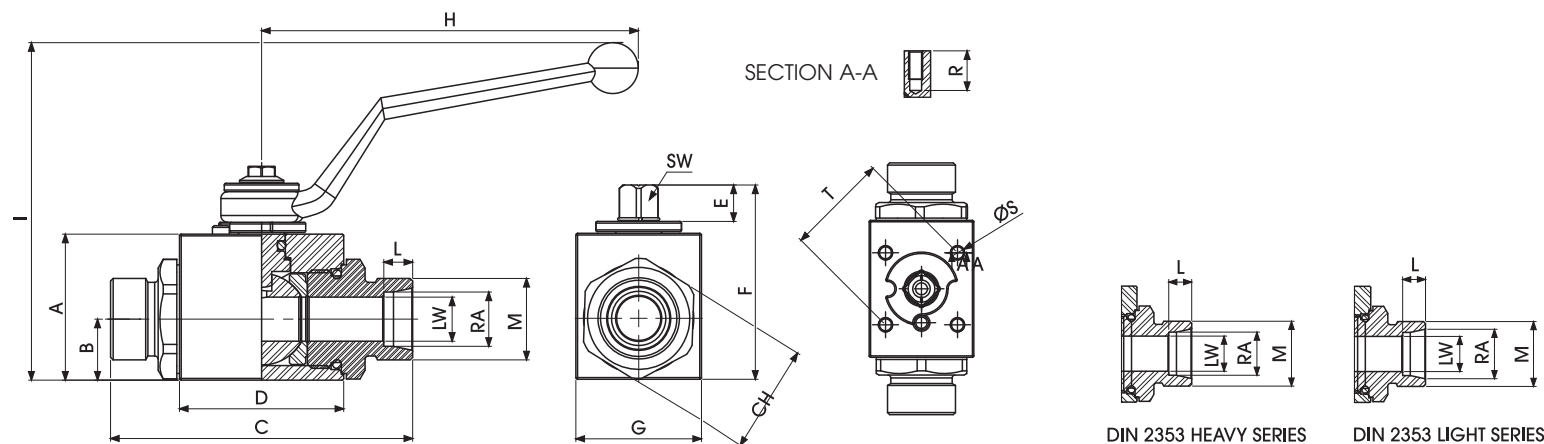
### GE2 SAE J1926-1

Fixing holes DIN/ISO5211

| TYPE       | PN     | DN | A  | B    | C   | D    | E  | F     | G  | H   | I     | L    | M          | CH | R  | ØS | T  | ISO5211 | SW | LW | WEIGHT Kg | ITEM CODE       |
|------------|--------|----|----|------|-----|------|----|-------|----|-----|-------|------|------------|----|----|----|----|---------|----|----|-----------|-----------------|
| GE2 SAE4   | 50 MPa | 6  | 35 | 14,5 | 71  | 42,4 | 11 | 49    | 30 | 110 | 91,5  | 15,5 | 7/16 UNF   | 24 | 9  | M4 | 35 | F03     | 9  | 6  | 0,49      | GE2EEE05011AF50 |
| GE2 SAE6   | 50 MPa | 10 | 40 | 17,4 | 73  | 44,4 | 11 | 54,25 | 35 | 110 | 96,5  | 16   | 9/16 UNF   | 30 | 9  | M5 | 36 | F03     | 9  | 10 | 0,644     | GE2EEE15011AF50 |
| GE2 SAE8   | 50 MPa | 13 | 43 | 18   | 83  | 48,4 | 11 | 57    | 37 | 110 | 99,5  | 17,5 | 3/4 UNF    | 32 | 9  | M5 | 36 | F03     | 9  | 13 | 0,757     | GE2EEE25011AF50 |
| GE2 SAE12  | 40 MPa | 20 | 55 | 23,4 | 95  | 62,5 | 14 | 73,5  | 45 | 180 | 106,5 | 23   | 1" 1/16 UN | 41 | 15 | M6 | 50 | F05     | 14 | 20 | 1,438     | GE2EEE34011AF50 |
| GE2 SAE16  | 35 MPa | 25 | 65 | 29,5 | 112 | 66,5 | 14 | 83,5  | 55 | 180 | 116,5 | 23   | 1" 5/16 UN | 50 | 15 | M6 | 50 | F05     | 14 | 25 | 2,223     | GE2EEE43011AF50 |
| GE2 SAE20R | 35 MPa | 25 | 65 | 29,5 | 120 | 66,5 | 14 | 83,5  | 55 | 180 | 116,5 | 23   | 1" 5/8 UN  | 55 | 15 | M6 | 50 | F05     | 14 | 25 | 2,273     | GE2EEE53011AF50 |
| GE2 SAE24R | 35 MPa | 25 | 65 | 29,5 | 124 | 66,5 | 14 | 83,5  | 55 | 180 | 116,5 | 23   | 1" 7/8 UN  | 60 | 15 | M6 | 50 | F05     | 14 | 25 | 2,386     | GE2EEE63011AF50 |

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## GE2 DIN 2353 HEAVY SERIES

Fixing holes DIN/ISO5211

| TYPE    | PN     | DN | A  | B    | C   | D    | E  | F     | G  | H   | I     | L    | M      | CH | R  | ØS | T  | ISO5211 | SW | LW | RA | WEIGHT Kg | ITEM CODE        |
|---------|--------|----|----|------|-----|------|----|-------|----|-----|-------|------|--------|----|----|----|----|---------|----|----|----|-----------|------------------|
| GE2 8S  | 50 MPa | 4  | 35 | 14,5 | 76  | 42,4 | 11 | 49    | 30 | 110 | 91,5  | 7    | 16X1,5 | 24 | 9  | M4 | 35 | F03     | 4  | 9  | 8  | 0,405     | GE2DDS05011AF50  |
| GE2 10S | 50 MPa | 6  | 35 | 14,5 | 76  | 42,4 | 11 | 49    | 30 | 110 | 91,5  | 7,5  | 18X1,5 | 24 | 9  | M4 | 35 | F03     | 6  | 9  | 10 | 0,47      | GE2DDS15011AF50  |
| GE2 12S | 50 MPa | 8  | 35 | 14,5 | 76  | 42,4 | 11 | 49    | 30 | 110 | 91,5  | 7,5  | 20X1,5 | 24 | 9  | M4 | 35 | F03     | 8  | 9  | 12 | 0,468     | GE2DDRS05011AF50 |
| GE2 12S | 50 MPa | 10 | 40 | 17,4 | 76  | 44,4 | 11 | 54,25 | 35 | 110 | 96,5  | 7,5  | 20X1,5 | 30 | 9  | M5 | 36 | F03     | 10 | 9  | 12 | 0,589     | GE2DDS25011AF50  |
| GE2 14S | 50 MPa | 10 | 40 | 17,4 | 83  | 44,4 | 11 | 54,25 | 35 | 110 | 96,5  | 8    | 22X1,5 | 30 | 9  | M5 | 36 | F03     | 10 | 9  | 14 | 0,608     | GE2DDS35011AF50  |
| GE2 16S | 50 MPa | 13 | 43 | 18   | 89  | 48,4 | 11 | 57    | 37 | 110 | 99,5  | 8,5  | 24X1,5 | 32 | 9  | M5 | 36 | F03     | 13 | 9  | 16 | 0,72      | GE2DDS45011AF50  |
| GE2 20S | 50 MPa | 13 | 43 | 18   | 93  | 48,4 | 11 | 57    | 37 | 110 | 99,5  | 10,5 | 30X2   | 32 | 9  | M5 | 36 | F03     | 13 | 9  | 20 | 0,737     | GE2DDS55011AF50  |
| GE2 25S | 40 MPa | 20 | 55 | 23,4 | 111 | 62,5 | 14 | 73,5  | 45 | 180 | 106,5 | 12   | 36X2   | 41 | 15 | M6 | 50 | F05     | 20 | 14 | 25 | 1,463     | GE2DDS64011AF50  |
| GE2 30S | 35 MPa | 25 | 65 | 29,5 | 121 | 66,5 | 14 | 83,5  | 55 | 180 | 116,5 | 13   | 42X2   | 50 | 15 | M6 | 50 | F05     | 25 | 14 | 30 | 2,111     | GE2DDS73011AF50  |
| GE2 38S | 35 MPa | 25 | 65 | 29,5 | 131 | 66,5 | 14 | 83,5  | 55 | 180 | 116,5 | 16   | 52X2   | 55 | 15 | M6 | 50 | F05     | 25 | 14 | 38 | 2,143     | GE2DDS83011AF50  |

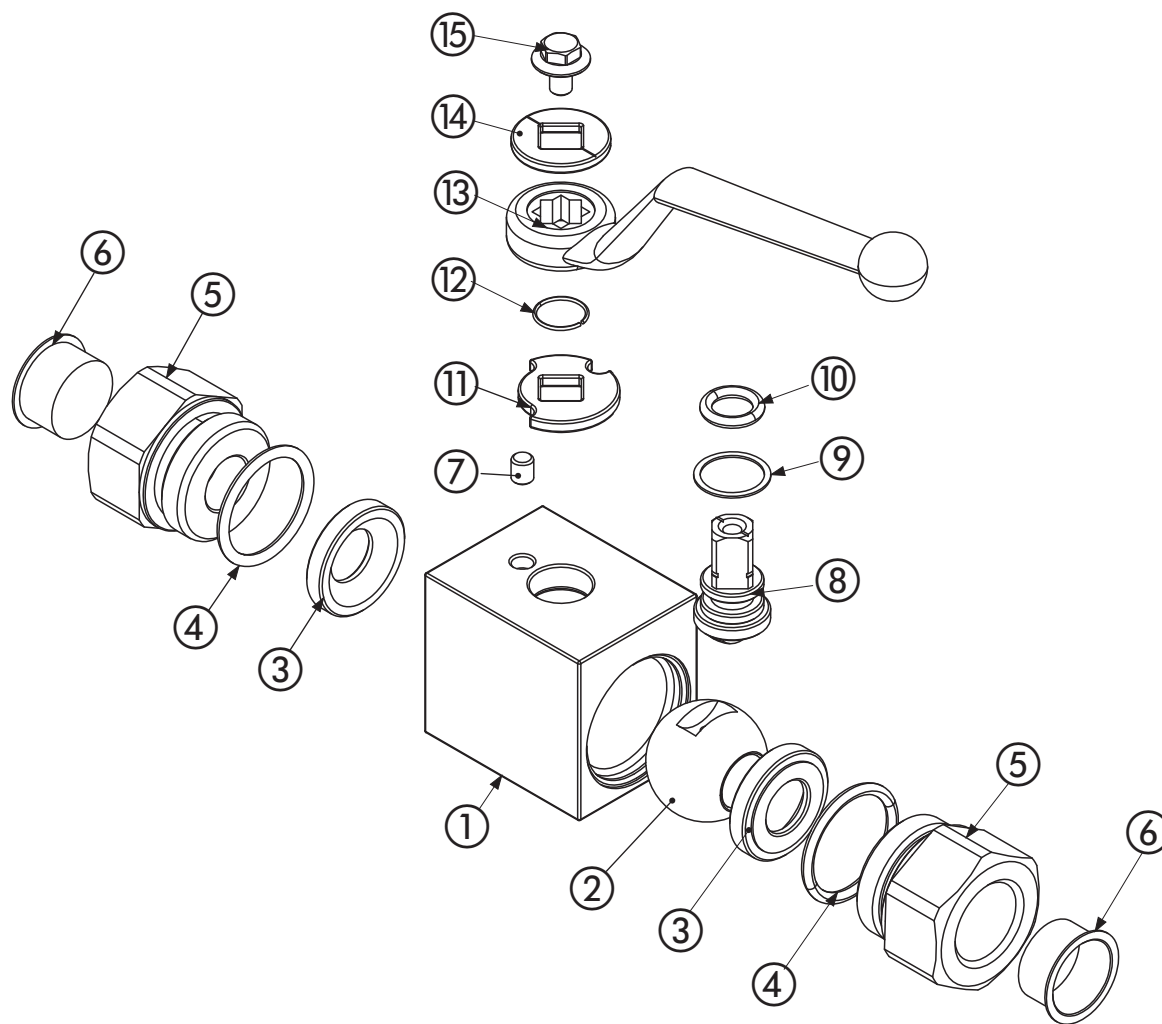
## GE2 DIN 2353 LIGHT SERIES

Fixing holes DIN/ISO5211

| TYPE    | PN     | DN | A  | B    | C   | D    | E  | F     | G  | H   | I     | L  | M      | CH | R  | ØS | T  | ISO5211 | SW | LW | RA | WEIGHT Kg | ITEM CODE       |
|---------|--------|----|----|------|-----|------|----|-------|----|-----|-------|----|--------|----|----|----|----|---------|----|----|----|-----------|-----------------|
| GE2 6L  | 50 MPa | 6  | 35 | 14,5 | 76  | 42,4 | 11 | 49    | 30 | 110 | 91,5  | 7  | 12X1,5 | 24 | 9  | M4 | 35 | F03     | 6  | 9  | 6  | 0,405     | GE2DDL05011AF50 |
| GE2 8L  | 50 MPa | 6  | 35 | 14,5 | 76  | 42,4 | 11 | 49    | 30 | 110 | 91,5  | 7  | 14X1,5 | 24 | 9  | M4 | 35 | F03     | 6  | 9  | 8  | 0,47      | GE2DDL15011AF50 |
| GE2 10L | 50 MPa | 6  | 35 | 14,5 | 76  | 42,4 | 11 | 49    | 30 | 110 | 91,5  | 7  | 16X1,5 | 24 | 9  | M4 | 35 | F03     | 6  | 9  | 10 | 0,468     | GE2DDRL5011AF50 |
| GE2 10L | 50 MPa | 10 | 40 | 17,4 | 77  | 44,4 | 11 | 54,25 | 35 | 110 | 96,5  | 7  | 16X1,5 | 30 | 9  | M5 | 36 | F03     | 10 | 9  | 10 | 0,589     | GE2DDL25011AF50 |
| GE2 12L | 50 MPa | 10 | 40 | 17,4 | 80  | 44,4 | 11 | 54,25 | 35 | 110 | 96,5  | 7  | 18X1,5 | 30 | 9  | M5 | 36 | F03     | 10 | 9  | 12 | 0,608     | GE2DDL35011AF50 |
| GE2 15L | 50 MPa | 13 | 43 | 18   | 87  | 48,4 | 11 | 57    | 37 | 110 | 99,5  | 7  | 22X1,5 | 32 | 9  | M5 | 36 | F03     | 13 | 9  | 15 | 0,72      | GE2DDL45011AF50 |
| GE2 18L | 50 MPa | 13 | 43 | 18   | 87  | 48,4 | 11 | 57    | 37 | 110 | 99,5  | 12 | 26X1,5 | 32 | 9  | M5 | 36 | F03     | 13 | 9  | 18 | 0,737     | GE2DDL55011AF50 |
| GE2 22L | 40 MPa | 20 | 55 | 23,4 | 110 | 62,5 | 14 | 73,5  | 45 | 180 | 106,5 | 14 | 30X2   | 41 | 15 | M6 | 50 | F05     | 20 | 14 | 22 | 1,463     | GE2DDL64011AF50 |
| GE2 28L | 35 MPa | 25 | 65 | 29,5 | 117 | 66,5 | 14 | 83,5  | 55 | 180 | 116,5 | 14 | 36X2   | 50 | 15 | M6 | 50 | F05     | 25 | 14 | 28 | 2,111     | GE2DDL73011AF50 |
| GE2 35L | 35 MPa | 25 | 65 | 29,5 | 119 | 66,5 | 14 | 83,5  | 55 | 180 | 116,5 | 16 | 45X2   | 50 | 15 | M6 | 50 | F05     | 25 | 14 | 35 | 2,143     | GE2DDL83011AF50 |
| GE2 42L | 35 MPa | 25 | 65 | 29,5 | 119 | 66,5 | 14 | 83,5  | 55 | 180 | 116,5 | 16 | 52X2   | 55 | 15 | M6 | 50 | F05     | 25 | 14 | 42 | 2,236     | GE2DDL93011AF50 |

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# GE2 2-WAY HIGH PRESSURE BALL VALVES



| Pos | Description    | Material     | Q.tà |
|-----|----------------|--------------|------|
| 1   | Body           | 1,0737       | 1    |
| 2   | Ball           | 1,0737       | 1    |
| 3   | Ball seat      | POM          | 2    |
| 4   | Adapter o-ring | NBR          | 2    |
| 5   | Adapter        | 1,0737       | 2    |
| 6   | Caps           | PVC          | 2    |
| 7   | Spine          | 1,0737       | 1    |
| 8   | Stem           | 1,0737       | 1    |
| 9   | Stem ring      | POM          | 1    |
| 10  | Stem o-ring    | NBR          | 1    |
| 11  | Washer         | 1,0116       | 1    |
| 12  | Seeger         | 1,4301       | 1    |
| 13  | Handle         | ZINC         | 1    |
| 14  | Washer         | 1,0116       | 1    |
| 15  | Screw          | Din 6921 8.8 | 1    |

## On request

- Reduced bore
- O-Ring in EPDM, FFKM, MQV
- Seals in PEEK, PA 612, RPTFE, GEMPTFE
- Special Threads
- Stem in stainless steel 1,4404
- Ball in stainless steel 1,4404
- Pressure Class PN 100 to PN 500
- Pneumatic and electrical actuator
- Security block
- Locking device

• For further special requests please consult our technical/commercial service

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