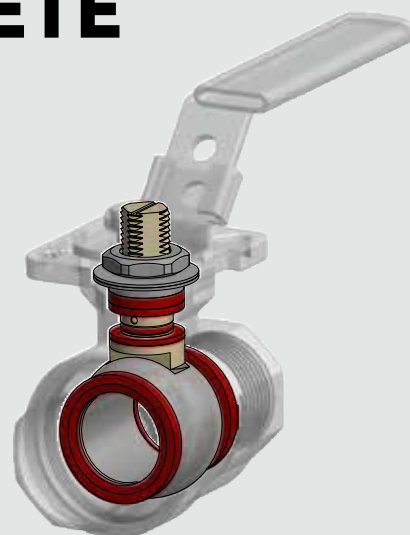


# Měkkotěsnící Soft Seated

Kulové kohouty závitové a přivařovací Ball Valves with Screwed and Butt Weld Ends

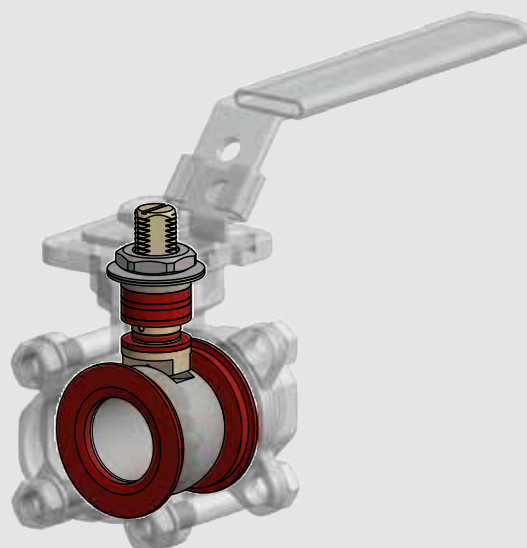
## TYP KH 240 / 300 / 310-ETE

- R 1/4" - R 2" (2 1/2", 3", 4" na vyžádání)
- PN40-63
- Připojení:
  - Závitové připojení dle DIN EN 10226-1 (KH 240 / 300)
  - Přivařované konce (KH 310)
  - Plný průtok
  - Přímá montáž pohonu dle DIN EN ISO 5211
- Materiály:
  - 1.4408 (CF8M)
- Teplotní rozsah:
  - 10 ° C až +200 ° C
  - +14 ° F až +392 ° F



## TYPE KH 240 / 300 / 310-ETE

- R 1/4" - R 2" (2 1/2", 3", 4" on request)
- PN40-63
- Connections:
  - Screwed Ends acc. to DIN EN 10226-1 (KH 240 / 300)
  - Butt Weld Ends (KH 310)
  - Full Bore
  - Actuator direct mounting acc. to DIN EN ISO 5211
- Material:
  - 1.4408 (CF8M)
- Temperature range:
  - 10° up to +200°C
  - +14°F up to +392°F



# TYP KH 240 / 300 / 310-ETE

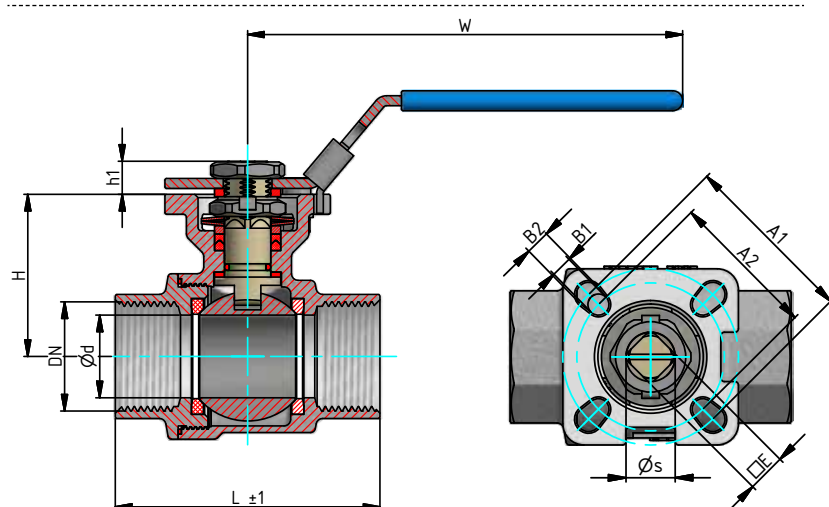
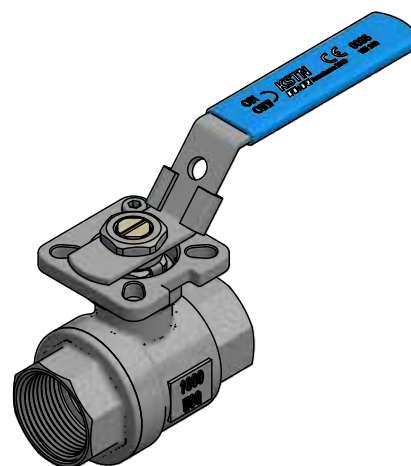
Rozměrové výkresy

# TYPE KH 240 / 300 / 310-ETE

Dimensional Drawing

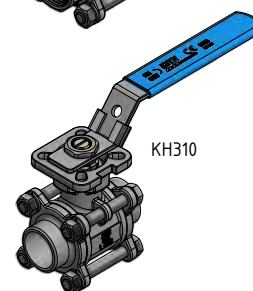
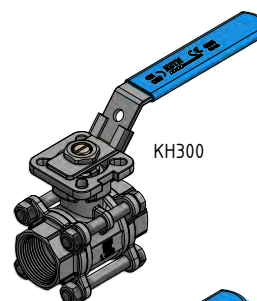
**TABULKA ROZMĚRŮ** TYP KH 240-ETE **MEASURING GUIDE** TYPE KH 240-ETE

| DN     | PN | Ød | L   | H  | h1   | Øs   | E    | A1   | A2   | B1  | B2  | W   | weight<br>Kg | ISO 5211   |
|--------|----|----|-----|----|------|------|------|------|------|-----|-----|-----|--------------|------------|
| 1/4"   | 63 | 12 | 55  | 30 | 7,5  | 11,8 | 9,0  | 42,0 | 36,0 | 6,0 | 6,0 | 110 | 0,34         | F 03/ F 04 |
| 3/8"   | 63 | 12 | 55  | 30 | 7,5  | 11,8 | 9,0  | 42,0 | 36,0 | 6,0 | 6,0 | 110 | 0,32         | F 03/ F 04 |
| 1/2"   | 63 | 15 | 60  | 38 | 8,0  | 11,8 | 9,0  | 42,0 | 36,0 | 6,0 | 6,0 | 110 | 0,42         | F 03/ F 04 |
| 3/4"   | 63 | 20 | 70  | 41 | 8,0  | 11,8 | 9,0  | 42,0 | 36,0 | 6,0 | 6,0 | 110 | 0,50         | F 03/ F 04 |
| 1"     | 63 | 25 | 80  | 49 | 10,0 | 13,6 | 11,0 | 50,0 | 42,0 | 6,0 | 7,0 | 130 | 0,76         | F 04/ F 05 |
| 1 1/4" | 63 | 32 | 95  | 53 | 10,0 | 13,6 | 11,0 | 50,0 | 42,0 | 6,0 | 7,0 | 160 | 1,14         | F 04/ F 05 |
| 1 1/2" | 63 | 38 | 105 | 62 | 14,0 | 17,6 | 14,0 | 70,0 | 50,0 | 7,0 | 9,0 | 185 | 1,68         | F 05/ F 07 |
| 2"     | 63 | 49 | 120 | 70 | 14,0 | 17,6 | 14,0 | 70,0 | 50,0 | 7,0 | 9,0 | 180 | 2,22         | F 05/ F 07 |



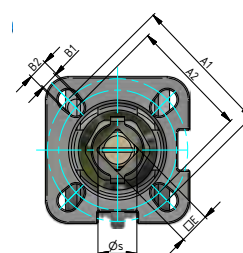
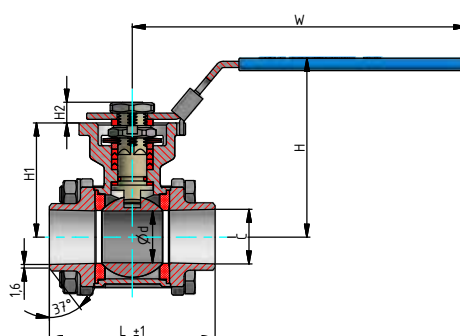
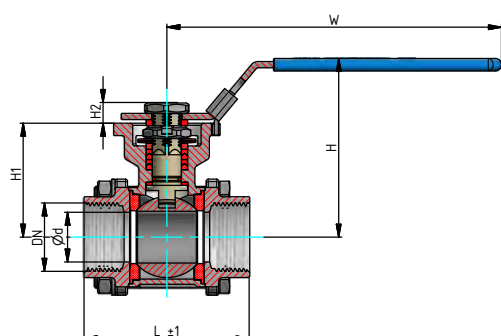
**TABULKA ROZMĚRŮ** TYP KH 300 / 310-ETE **MEASURING GUIDE** TYPE KH 300 / 310-ETE

| DN     | PN | Ød | L   | C  | H   | H1   | H2   | Øs   | E    | A1   | A2   | B1  | B2  | W   | weight<br>Kg | ISO 5211   |
|--------|----|----|-----|----|-----|------|------|------|------|------|------|-----|-----|-----|--------------|------------|
| 1/4"   | 63 | 12 | 60  | 12 | 58  | 31,0 | 7,5  | 11,8 | 9,0  | 42,0 | 36,0 | 6,0 | 6,0 | 110 | 0,34         | F 03/ F 04 |
| 3/8"   | 63 | 12 | 60  | 12 | 58  | 31,0 | 7,5  | 11,8 | 9,0  | 42,0 | 36,0 | 6,0 | 6,0 | 110 | 0,32         | F 03/ F 04 |
| 1/2"   | 63 | 15 | 65  | 16 | 67  | 40,0 | 8,0  | 11,8 | 9,0  | 42,0 | 36,0 | 6,0 | 6,0 | 110 | 0,42         | F 03/ F 04 |
| 3/4"   | 63 | 20 | 75  | 21 | 71  | 44,0 | 8,0  | 11,8 | 9,0  | 42,0 | 36,0 | 6,0 | 6,0 | 110 | 0,72         | F 03/ F 04 |
| 1"     | 63 | 25 | 85  | 26 | 86  | 55,0 | 10,0 | 13,6 | 11,0 | 50,0 | 42,0 | 6,0 | 7,0 | 160 | 0,76         | F 04/ F 05 |
| 1 1/4" | 63 | 32 | 100 | 32 | 92  | 60,5 | 10,0 | 13,6 | 11,0 | 50,0 | 42,0 | 6,0 | 7,0 | 160 | 1,48         | F 04/ F 05 |
| 1 1/2" | 63 | 38 | 110 | 40 | 106 | 68,5 | 14,0 | 17,6 | 14,0 | 70,0 | 50,0 | 7,0 | 9,0 | 185 | 2,14         | F 05/ F 07 |
| 2"     | 63 | 49 | 130 | 51 | 113 | 75,5 | 14,0 | 17,6 | 14,0 | 70,0 | 50,0 | 7,0 | 9,0 | 185 | 2,22         | F 05/ F 07 |



**Typ KH 300-ETE**  
Type KH 300-ETE

**Typ KH 310-ETE**  
Type KH 310-ETE



# TYP KH 240 / 300 / 310-ETE

Rozpad

# TYPE KH 240 / 300 / 310-ETE

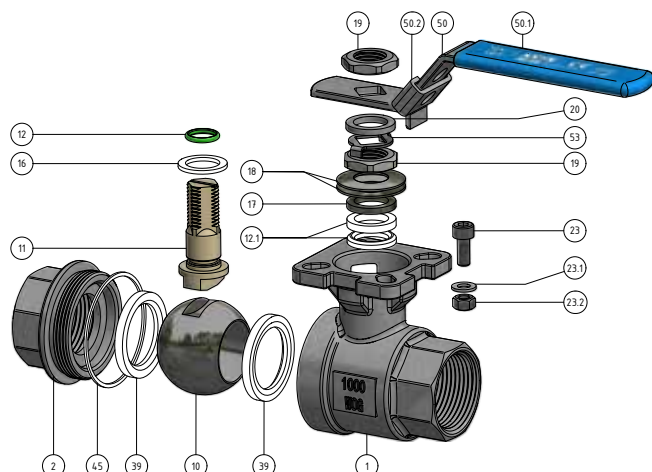
Exploded View

## SEZNAM DÍLŮ TYP KH 240-ETE

### BILL OF MATERIALS TYPE KH 240-ETE

| Pozice č. / Item No. | Položka                     | Item                     | Materiál     |
|----------------------|-----------------------------|--------------------------|--------------|
| 1                    | Tělo                        | body                     | 1.4408/ CF8M |
| 2                    | Šroubovací víko             | bonnet                   | 1.4408/ CF8M |
| 10                   | Koule                       | ball                     | 1.4401/ 316  |
| 11                   | Čep                         | stem                     | 1.4401/ 316  |
| 12                   | O-kroužek <sup>1</sup>      | o-ring <sup>1</sup>      | Viton        |
| 12.1                 | Ucpávka <sup>1</sup>        | packing <sup>1</sup>     | PTFE         |
| 16                   | Kluzný kroužek <sup>1</sup> | thrust ring <sup>1</sup> | PTFE         |
| 17                   | Víko ucpávky                | gland                    | 1.4404/ 316L |
| 18                   | Talířová pružina            | cup spring               | 1.4301/ 304  |
| 19                   | Matka                       | nut                      | 1.4301/ 304  |
| 20                   | Distanční podložka          | spacer                   | 1.4301/ 304  |
| 23                   | Šroub s vnitř. šestihr.     | hex. socket screw        | A2/ 304      |
| 23.1                 | Podložka                    | wascher                  | A2/ 304      |
| 23.2                 | Matka                       | nut                      | A2/ 304      |
| 39                   | Sedlo <sup>1</sup>          | ball seat <sup>1</sup>   | PTFE         |
| 45                   | Těsnění <sup>1</sup>        | body gasket <sup>1</sup> | PTFE         |
| 50                   | Páka                        | handle                   | 1.4372/ 201  |
| 50.1                 | Plastový potah              | plastic cover            | PVC          |
| 50.2                 | Pojistka páky               | handle locking plate     | 1.4372/ 201  |
| 53                   | Kryt                        | anti loosening plate     | 1.4301/ 304  |

<sup>1</sup> Doporučené náhradní součásti / recommended spare parts

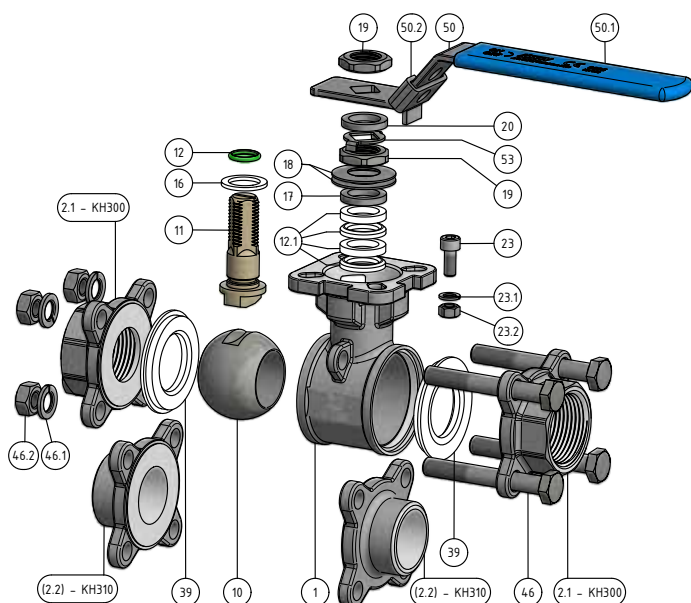


## SEZNAM DÍLŮ TYP KH 300 / 310-ETE

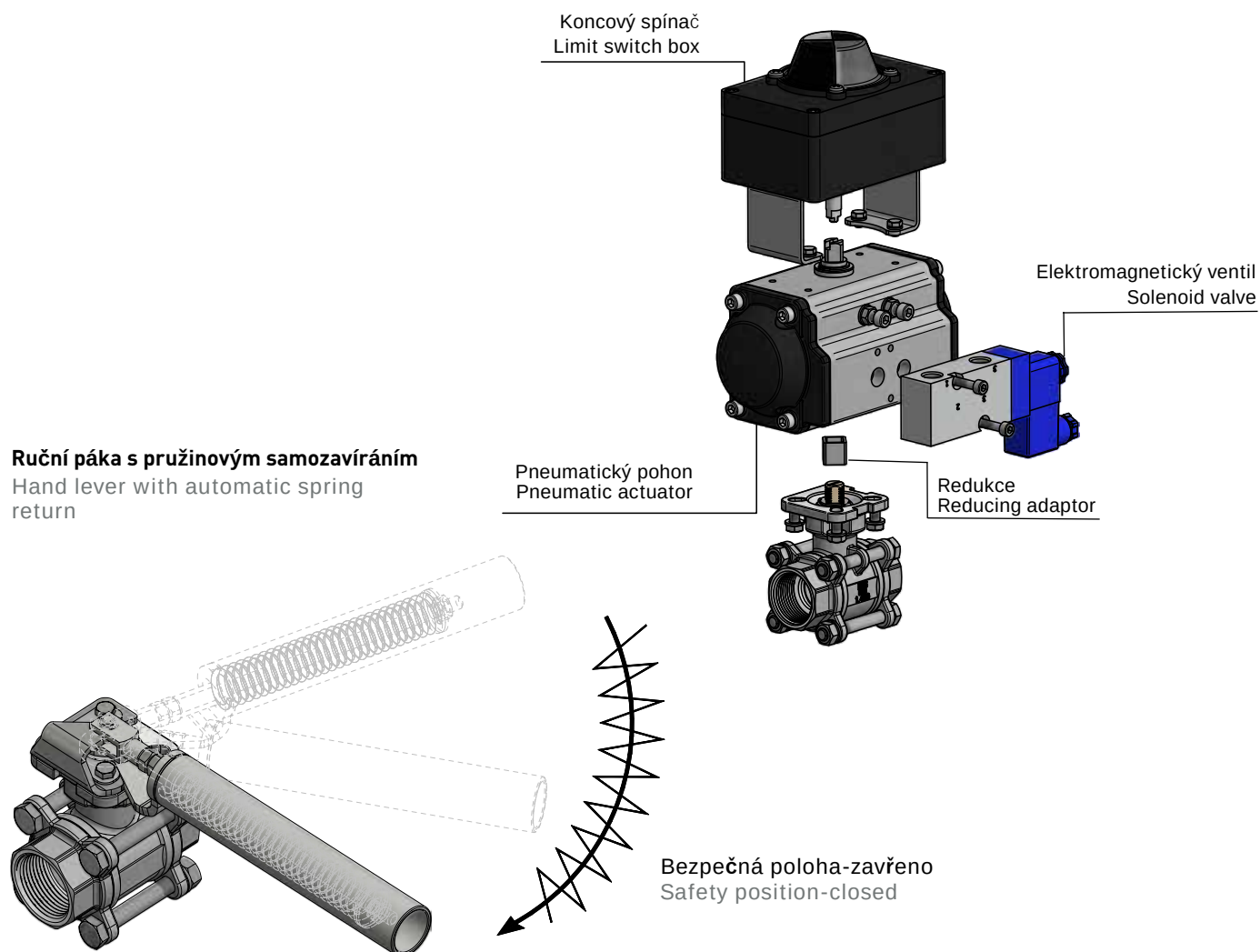
### BILL OF MATERIALS TYPE KH 300 / 310-ETE

| Pozice č. / Item No. | Položka                     | Item                     | Materiál     |
|----------------------|-----------------------------|--------------------------|--------------|
| 1                    | Tělo                        | body                     | 1.4408/CF8M  |
| 2.1                  | (KH 300) Víko               | bonnet                   | 1.4408/ CF8M |
| 2.2                  | (KH 310) Víko               | bonnet                   | 1.4408/ CF8M |
| 10                   | Koule                       | ball                     | 1.4401/ 316  |
| 11                   | Čep                         | stem                     | 1.4401/ 316  |
| 12                   | O-kroužek <sup>1</sup>      | o-ring <sup>1</sup>      | Viton        |
| 12.1                 | Ucpávka <sup>1</sup>        | packing <sup>1</sup>     | PTFE         |
| 16                   | Kluzný kroužek <sup>1</sup> | thrust ring <sup>1</sup> | PTFE         |
| 17                   | Víko ucpávky                | gland                    | 1.4404/ 316L |
| 18                   | Talířová pružina            | cup spring               | 1.4301/ 304  |
| 19                   | Matka                       | nut                      | 1.4301/ 304  |
| 20                   | Distanční podložka          | spacer                   | 1.4301/ 304  |
| 23                   | Šroub s vnitř. šestihr.     | hex.socket screw         | A2/ 304      |
| 23.1                 | Podložka                    | wascher                  | A2/ 304      |
| 23.2                 | Matka                       | nut                      | A2/ 304      |
| 39                   | Sedlo <sup>1</sup>          | seat <sup>1</sup>        | PTFE         |
| 46                   | Šroub                       | bolt                     | A2-70/ 304   |
| 46.1                 | Pružná podložka             | spring wascher           | A2/ 304      |
| 46.2                 | Matka                       | nut                      | A2/ 304      |
| 50                   | Páka                        | handle                   | 1.4372/ 201  |
| 50.1                 | Plastový potah              | plastic cover            | PVC          |
| 50.2                 | Pojistka páky               | handle locking plate     | 1.4372/ 201  |
| 53                   | Kryt                        | anti loosening plate     | 1.4301/ 304  |

<sup>1</sup> Doporučené náhradní součásti / recommended spare parts



## Pneumatické pohony a příslušenství Pneumatic actuators and accessories



### KONSTRUKČNÍ VLASTNOSTI:

- DGRL 2014/68/EU
- Šroubovací konce dle DIN EN 10226-1
- Přivařovací konce
- Plný průtok
- Plovoucí koule
- Těsnicí systém PTFE - měkkotěsnící
- Konstrukce čepu snižující rázy
- Přímá montáž pohonu dle DIN EN ISO 5211
- Nastavitelný čep

### DESIGN FEATURES:

- DGRL 2014/68/EU
- Screwed ends acc. to DIN EN 10226-1
- Butt weld ends
- Full bore
- Floating ball
- PTFE sealing system
- Anti blow out design for stem
- Actuator direct mounting acc. to DIN EN ISO 5211
- Adjustable stem packing