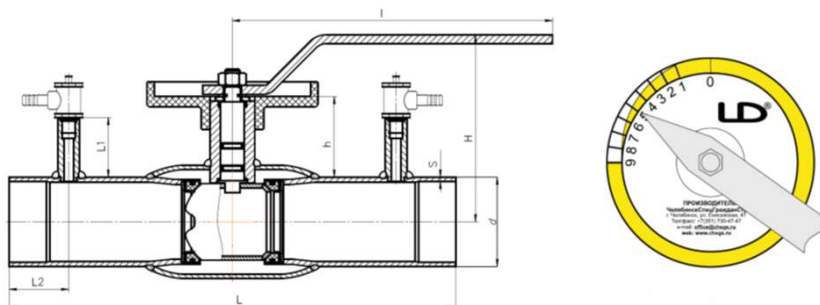


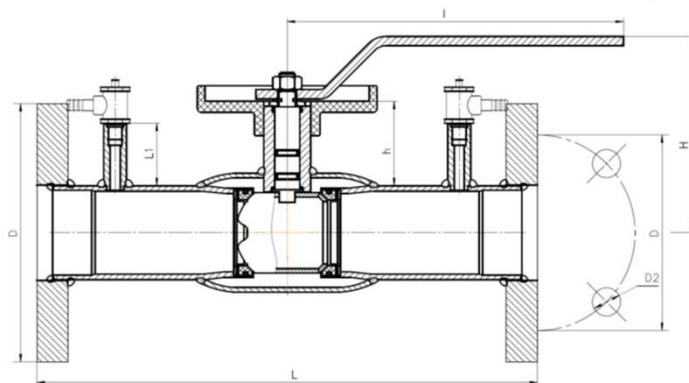
# HIILITERÄS LINJASÄÄTÖVENTTIILI

## Hitsattava / hitsattava



| DN  | PN | Tuote nro  | d     | S   | h   | H    | I   | L1 | L2 | L   | Paino |
|-----|----|------------|-------|-----|-----|------|-----|----|----|-----|-------|
| 15  | 40 | R2159402   | 21,3  | 2,0 | 60  | 135  | 159 | 40 | 40 | 230 | 1,6   |
| 20  | 40 | R2209402   | 26,9  | 2,3 | 60  | 135  | 159 | 40 | 40 | 230 | 1,5   |
| 25  | 40 | R2259402   | 33,7  | 2,6 | 60  | 138  | 159 | 40 | 40 | 230 | 2,0   |
| 32  | 40 | R2329402   | 42,4  | 2,6 | 60  | 142  | 159 | 40 | 40 | 260 | 2,1   |
| 40  | 40 | R2409402   | 48,3  | 2,6 | 43  | 108  | 217 | 40 | 40 | 260 | 3,0   |
| 50  | 40 | R2509402   | 60,3  | 2,9 | 45  | 110  | 217 | 40 | 40 | 300 | 3,7   |
| 65  | 25 | R2659252   | 76,1  | 2,9 | 43  | 114  | 217 | 40 | 40 | 300 | 4,5   |
| 80  | 25 | R2809252   | 88,9  | 3,2 | 68  | 144  | 315 | 60 | 40 | 300 | 6,4   |
| 100 | 25 | R21009252  | 114,3 | 3,6 | 65  | 151  | 315 | 60 | 40 | 325 | 8,1   |
| 125 | 25 | R21259252G | 139,7 | 4,0 | 90  | 339* | 525 | 60 | 25 | 325 | 18,9  |
| 150 | 25 | R21509252G | 168,3 | 4,5 | 93  | 355* | 525 | 60 | 25 | 350 | 24,9  |
| 200 | 25 | R22009252G | 219,1 | 4,5 | 92  | 376* | 625 | 60 | 20 | 400 | 43,8  |
| 250 | 25 | R22509252G | 273   | 5,0 | 100 | 471* | 625 | 60 | 40 | 530 | 71,7  |

## Laippa / Laippa



| DN  | PN | Tuote nro  | L1 | D1  | D2 | x Reiät | h  | H    | I   | L   | Paino |
|-----|----|------------|----|-----|----|---------|----|------|-----|-----|-------|
| 15  | 40 | R1159402   | 40 | 65  | 14 | 4       | 60 | 135  | 159 | 250 | 2,8   |
| 20  | 40 | R1209402   | 40 | 75  | 14 | 4       | 60 | 135  | 159 | 250 | 3,1   |
| 25  | 40 | R1259402   | 40 | 85  | 14 | 4       | 60 | 138  | 159 | 250 | 4,0   |
| 32  | 40 | R1329402   | 40 | 100 | 18 | 4       | 60 | 142  | 159 | 280 | 5,4   |
| 40  | 40 | R1409402   | 40 | 110 | 18 | 4       | 43 | 108  | 217 | 280 | 6,6   |
| 50  | 40 | R1509402   | 40 | 125 | 18 | 4       | 45 | 110  | 217 | 310 | 8,6   |
| 65  | 16 | R1659162   | 40 | 145 | 18 | 8       | 43 | 114  | 217 | 310 | 10,2  |
| 80  | 16 | R1809162   | 60 | 160 | 18 | 8       | 68 | 144  | 315 | 310 | 12,9  |
| 100 | 16 | R11009162  | 60 | 180 | 18 | 8       | 65 | 151  | 315 | 350 | 16,2  |
| 125 | 16 | R11259162G | 60 | 210 | 18 | 8       | 90 | 339* | 525 | 360 | 28,8  |
| 150 | 16 | R11509162G | 60 | 240 | 22 | 8       | 93 | 355* | 525 | 390 | 38,2  |

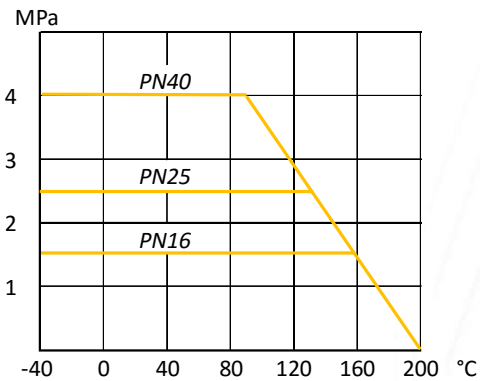
\*Sisältää vaihteen

## TEKNISET TIEDOT

## Linjasäätöventtiilien Kv -arvot

| DN / as. | 15   | 20   | 25   | 32   | 40   | 50   | 65   | 80   | 100  | 125  | 150  | 200  | 250  |
|----------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1        | -    | -    | -    | 0,39 | 0,60 | 1,26 | 2,52 | 3,42 | 6,48 | 8,60 | 13,7 | 19,7 | 35,0 |
| 2        | 0,14 | 0,14 | 0,49 | 0,83 | 1,48 | 2,70 | 4,75 | 7,31 | 12,5 | 18,0 | 26,6 | 38,4 | 66,5 |
| 3        | 0,42 | 0,42 | 1,36 | 1,44 | 2,70 | 4,39 | 7,92 | 13,1 | 20,1 | 30,6 | 44,3 | 63,8 | 110  |
| 4        | 0,80 | 0,80 | 2,00 | 2,30 | 3,96 | 6,84 | 11,6 | 19,1 | 28,8 | 45,0 | 65,9 | 95,0 | 165  |
| 5        | 1,24 | 1,24 | 3,00 | 3,42 | 5,98 | 9,83 | 16,7 | 27,5 | 42,8 | 65,5 | 102  | 147  | 260  |
| 6        | 2,04 | 2,04 | 4,50 | 5,11 | 8,57 | 14,0 | 25,2 | 38,9 | 60,8 | 97,9 | 152  | 219  | 380  |
| 7        | 3,24 | 3,24 | 6,70 | 7,27 | 12,3 | 19,8 | 33,8 | 53,6 | 90,0 | 146  | 241  | 325  | 576  |
| 8        | 4,45 | 4,45 | 9,30 | 10,1 | 17,6 | 27,0 | 45,7 | 75,6 | 137  | 209  | 338  | 486  | 866  |
| 9        | 5,83 | 5,83 | 12,7 | 13,1 | 22,6 | 34,2 | 61,2 | 108  | 216  | 294  | 461  | 660  | 1170 |

## Paine-/Lämpötila käyrästä



## CE - Vaatimustenmukaisuusvakuutus

LD®

LLC "ChelyabinskSpetsGrazhdanStroy" ITN 7451211335 IEC 744951001  
Yuzhyskaya str. 47  
RUS - 454010 Chelyabinsk

**CE** EC DECLARATION OF CONFORMITY  
Vaatimustenmukaisuusvakuutus

Rev. 1  
25.04.2016

The Manufacturer: LD Ball Valves  
Valmistaja: LLC "ChelyabinskSpetsGrazhdanStroy"  
Chelyabinsk - RUSSIA

Manufacturer's certificates and applied directives:  
Valmistajan sertifikaatit ja sovelletut direktiivit:

| Standard / Directive<br>Standardi / Direktiivi | Notified Body<br>Ilmoitettu laitos | Certificate no.<br>Sertifikaatin numero | Valid<br>Voimassa |
|------------------------------------------------|------------------------------------|-----------------------------------------|-------------------|
| ISO 9001:2011                                  | Industrial Control                 | CDR.NK.RU.OC.001.CMK.0001               | 2017-09-02        |
| PED 97/23/EC Module H                          | CEOC International                 | 1354 02401/3/2013                       | 2016-10-01        |

Hereby we declare that product(s) detailed below have been manufactured in compliance with the above mentioned Directive:  
Vakuutamme, että alla mainitut tuotteet on valmistettu Direktiivin mukaisesti:

The Product:  
Tuote/Produkt:

LD steel ball valve  
LD teräspalloventtiili  
LD stainless steel ball valve  
LD ruostumaton palloventtiili  
LD control ball valve steel/stainless steel  
LD linjasäätöventtiili teräs/ruostumaton

Type:  
Tyyppi:

232 9402 - 2700 9252, 332 402 - 3100 402,  
S432 9402 - S4100 9402, 132 9402 - 1700 9162,  
232 9401 - 2250 9251, 332 9401 - 3100 9401,  
S432 9401 - S4100 9401, 132 9401 - 1250 9251,  
R232 9402 - R2250 9252G, R132 9402 - R1250 9162G  
R232 9401 - R2250 9251G, R132 9401 - R1250 9161G

DN32 - DN700, PN16-PN40

Chelyabinsk, Russia, 25.04.2016

LLC "ChelyabinskSpetsGrazhdanStroy"

Quality Manager  
A. Yuzhakov

www.chsqs.ru