



DAMING CHECK VALVE ENH41X

MAIN TECHNICAL PARAMETER

| | | | | |
|---------------------|---------------------|------------|------|------|
| PN(MPa) | | 1.0 | 1.6 | 2.5 |
| Test pressure (MPa) | Shell strength | 1.5 | 2.4 | 3.75 |
| | Sealing performance | 1.1 | 1.76 | 2.75 |
| Working temperature | | ≤80℃ | | |
| Applicable medium | | Water, Oil | | |

MATERIAL FOR MAIN PARTS

| Name of parts | Body, seat | Flap | Sealing | Spring |
|---------------|---|------------------------------|---------|-----------------|
| Material | Cl, Steel casting, Cast-iron, Stainless steel | Cast copper, Stainless steel | NBR | Stainless steel |

MAIN EXTERNAL AND CONNECTION DIMENSIONS

| DN mm | PN1.0 | | | | | | | PN1.6 | | | | | | | PN 2.5 | | | | | | |
|----------|-------|----|---|----------------|-----|----------------|-------|-------|----|---|----------------|-----|----------------|-------|--------|----|---|----------------|-----|----------------|-------|
| | L | b | f | D ₂ | D | D ₁ | Z-φd | L | b | f | D ₂ | D | D ₁ | Z-φd | L | b | f | D ₂ | D | D ₁ | Z-φd |
| 40 | 115 | 18 | 2 | 85 | 150 | 110 | 4-18 | 115 | 18 | 2 | 85 | 150 | 110 | 4-18 | 115 | 18 | 2 | 85 | 150 | 110 | 4-18 |
| 50 | 120 | 20 | 3 | 102 | 165 | 125 | 4-18 | 120 | 20 | 3 | 102 | 165 | 125 | 4-18 | 120 | 20 | 3 | 99 | 165 | 125 | 4-18 |
| 65 | 130 | 20 | 3 | 122 | 185 | 145 | 4-18 | 140 | 20 | 3 | 122 | 185 | 145 | 4-18 | 140 | 22 | 3 | 118 | 185 | 145 | 8-18 |
| 80 | 150 | 22 | 3 | 133 | 200 | 160 | 8-18 | 150 | 22 | 3 | 133 | 200 | 160 | 8-18 | 150 | 24 | 3 | 132 | 200 | 160 | 8-18 |
| 100 | 165 | 24 | 3 | 158 | 220 | 180 | 8-18 | 180 | 24 | 3 | 158 | 220 | 180 | 8-18 | 180 | 24 | 3 | 156 | 235 | 190 | 8-22 |
| 125 | 190 | 26 | 3 | 184 | 250 | 210 | 8-18 | 210 | 26 | 3 | 184 | 250 | 210 | 8-18 | 210 | 26 | 3 | 184 | 270 | 220 | 8-26 |
| 150 | 210 | 26 | 3 | 212 | 285 | 240 | 8-22 | 220 | 26 | 3 | 212 | 285 | 240 | 8-22 | 220 | 28 | 3 | 211 | 300 | 250 | 8-26 |
| 200 | 255 | 28 | 3 | 268 | 340 | 295 | 8-22 | 255 | 30 | 3 | 268 | 340 | 295 | 12-22 | 255 | 30 | 3 | 274 | 360 | 310 | 12-26 |
| 250 | 310 | 28 | 3 | 320 | 395 | 350 | 12-22 | 310 | 32 | 3 | 320 | 405 | 355 | 12-26 | 310 | 32 | 3 | 330 | 425 | 370 | 12-30 |
| 300 | 362 | 28 | 4 | 370 | 445 | 400 | 12-22 | 362 | 32 | 4 | 370 | 460 | 410 | 12-26 | 362 | 34 | 4 | 389 | 485 | 430 | 16-30 |
| 350 | 380 | 30 | 4 | 428 | 500 | 460 | 16-22 | 430 | 36 | 4 | 428 | 520 | 470 | 16-26 | 430 | 38 | 4 | 450 | 555 | 490 | 16-33 |
| 400 | 450 | 32 | 4 | 482 | 565 | 515 | 16-26 | 490 | 38 | 4 | 482 | 580 | 525 | 16-30 | 490 | 40 | 4 | 505 | 620 | 550 | 16-36 |
| 450 | 545 | 32 | 4 | 532 | 615 | 565 | 20-26 | 545 | 40 | 4 | 532 | 640 | 585 | 20-30 | 545 | 42 | 4 | 555 | 670 | 600 | 20-36 |
| 500 | 580 | 34 | 4 | 585 | 670 | 620 | 20-26 | 580 | 42 | 4 | 585 | 715 | 650 | 20-33 | 580 | 44 | 4 | 615 | 730 | 660 | 20-36 |