



Brief Description

Rubber Flapper Swing Check Valve, Oil Control Bottom Buffer is a safety device mounted in the pipeline or pump outlet to prevent the pump from inversed running due to the water hammer's shock produced in the side-flow of the medium when the pump stops. And it features by the light flap, big opening, notable power saving, small fluid resistance, new-style of water hammer removal mechanism's design, stable and reliable seal performance, wearable, long duration, stable running, without vibration and noise etc.

Suitable for the pipeline related to the systems of water supply and drainage, fire-fighting, warming etc. or the pump outlet to prevent both pump and pipeline from being damaged due to the water hammer produced in medium's back-flow.

| Technical Parameters | | | | |
|----------------------|---------------------|------------------|------|------|
| PN(MPa) | | 1 | 1.6 | 2.5 |
| Test pressure | Shell strength | 1.5 | 2.4 | 3.75 |
| (MPa) | Sealing performance | 1.1 | 1.76 | 2.75 |
| Working temperature | | ≤80 °C | | |
| Applicable medium | | Rinsing Dead oil | | |

PRODUCT - CHECK VALVE
Rubber Flapper Swing Check Valves

| | | | |
|----------------------|----------------------------|-----------------|-----------------|
| Materials | | | |
| Name of parts | Body、 Bonnet | Seat | Valve shaft |
| Material | Casting Iron, Ductile iron | Rubber assembly | Stainless steel |

| Dimensions | | | | | | | | |
|-------------------|-----------------------|----------|-----------|----------|----------|-----------|----------|-------------|
| DN | ENHH44X/T/H-10 | | | | | | | |
| mm | L | D | D1 | B | H | H1 | B | Z-φd |
| 40 | 200 | 150 | 110 | 220 | 300 | 140 | 20 | 4-18 |
| 50 | 230 | 165 | 125 | 270 | 300 | 140 | 20 | 4-18 |
| 65 | 290 | 185 | 145 | 290 | 320 | 150 | 20 | 4-18 |
| 80 | 310 | 200 | 160 | 315 | 330 | 162 | 22 | 8-18 |
| 100 | 350 | 220 | 180 | 340 | 460 | 260 | 24 | 8-18 |
| 150 | 480 | 285 | 240 | 402 | 580 | 274 | 26 | 8-22 |
| 200 | 500 | 340 | 195 | 470 | 680 | 302 | 28 | 8-22 |
| 250 | 600 | 391 | 350 | 550 | 730 | 348 | 28 | 12-22 |
| 300 | 700 | 445 | 400 | 622 | 850 | 370 | 28 | 12-22 |
| 350 | 800 | 505 | 460 | 660 | 950 | 410 | 30 | 16-22 |
| 400 | 900 | 565 | 515 | 800 | 1030 | 450 | 32 | 16-26 |
| 500 | 1100 | 670 | 620 | 950 | 1262 | 550 | 34 | 20-26 |
| 600 | 1300 | 780 | 725 | 1122 | 1520 | 635 | 36 | 20-30 |
| 700 | 1400 | 895 | 840 | 1810 | 1644 | 720 | 40 | 24-30 |
| 800 | 1500 | 1015 | 950 | 1250 | 1774 | 780 | 44 | 24-33 |
| 900 | 1700 | 1115 | 1050 | 1470 | 2084 | 920 | 46 | 28-33 |
| 1000 | 1900 | 1230 | 1160 | 1570 | 2195 | 970 | 50 | 28-36 |
| 1200 | 2220 | 1450 | 1380 | 1920 | 2615 | 1150 | 56 | 32-39 |

Typical Installation

