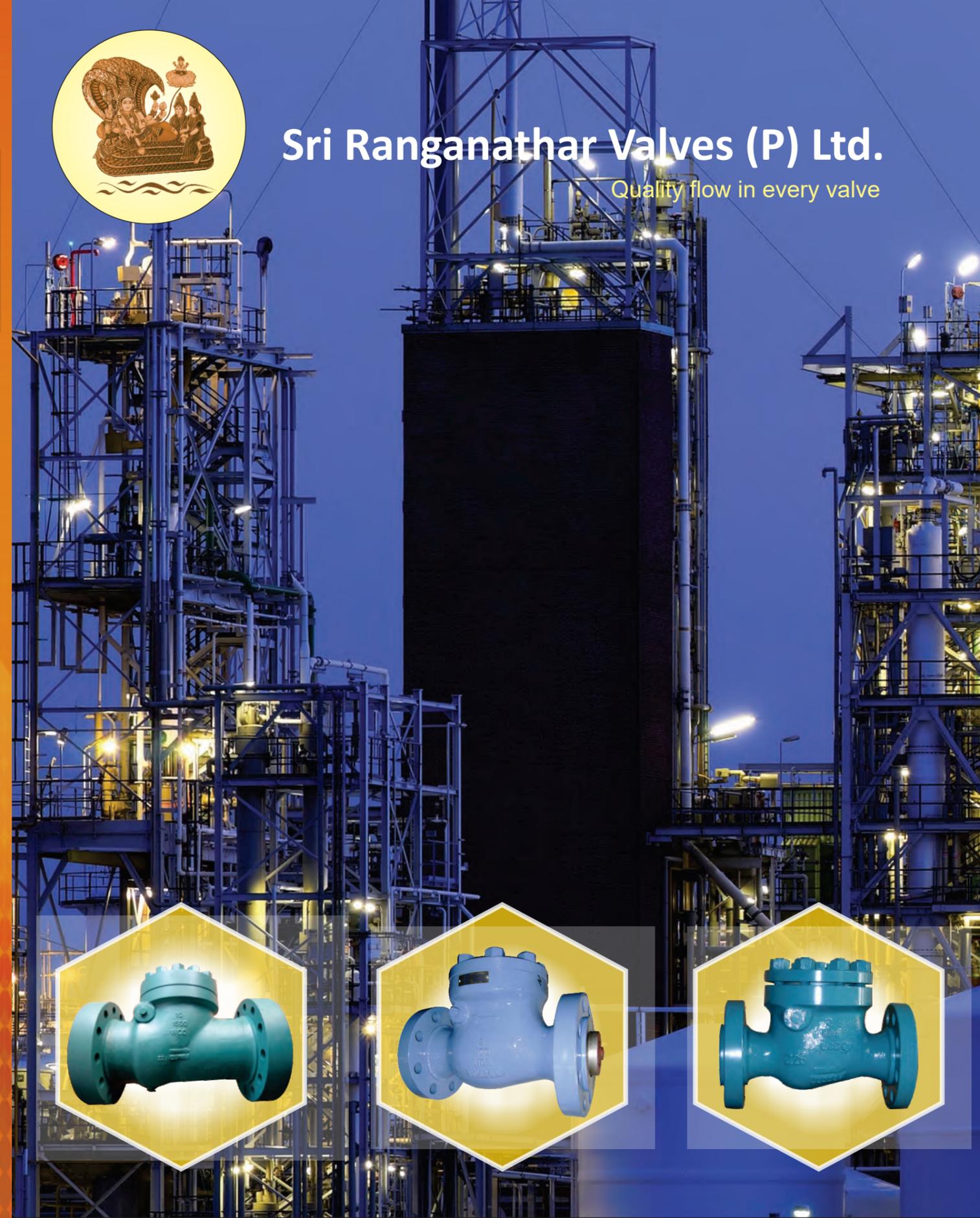


VALVES WORKING WELL ON LINE AT CUSTOMER PLACE FOR OVER 11 YEARS



Sri Ranganathar Valves (P) Ltd.

Quality flow in every valve



Sri Ranganathar Valves Pvt. Ltd
7/109, Arasur,
Coimbatore – 641 047
Tamilnadu, INDIA.

Phone : +(91) - 422 - 6556061
Email : srv@sriindia.net



SWING CHECK VALVE

ISO 9001 : 2015 | PED | API 6D CERTIFIED

SWING CHECK VALVE

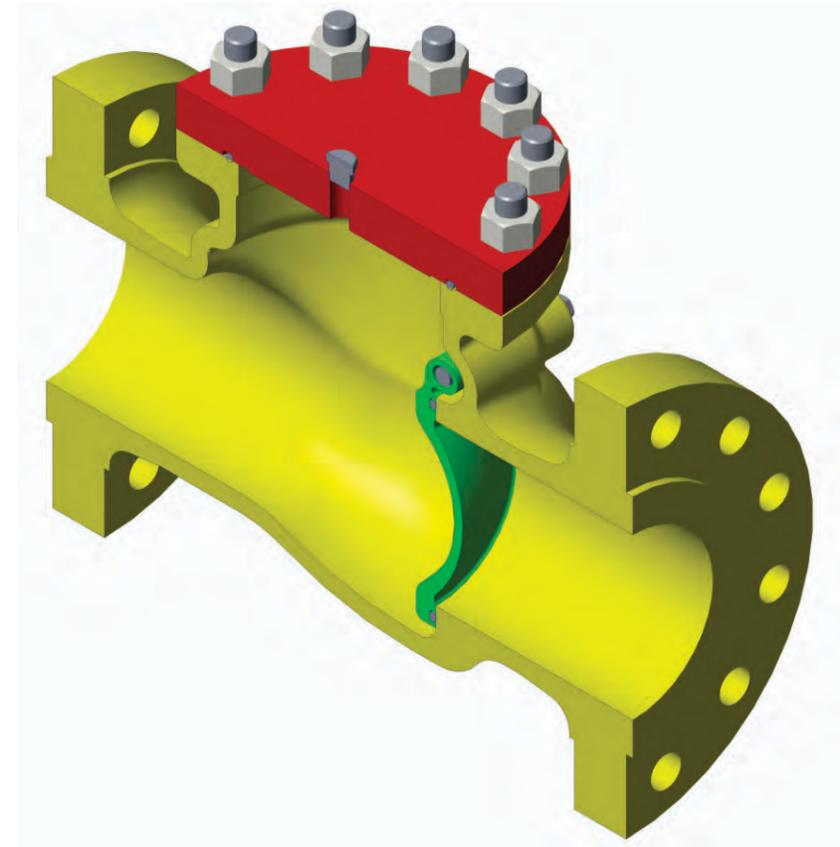
- MEETS API 6D & ASME B16.34.
- FULL OPEN & FULL BORE DISC.
- ENCAPSULATED "O" RING.
- INTEGRAL BODY SEAT, HARD FACED INTEGRAL BODY SEAT, THREADED RENEWABLE SEAT WITH "O" RING.
- SINGLE PIECE DISC (CLAPPER) WITH "O" RING.

- ALL GRADES OF ASTM A216, A217, A351, A352, A494 & A995 AVAILABLE.
- MIRROR LAPPED DISC AND BODY SEAT ALSO AVAILABLE.
- WORKING ALL OVER THE WORLD FOR THE PAST 11 YEARS.
- FIRE SAFE DESIGN ALSO AVAILABLE.

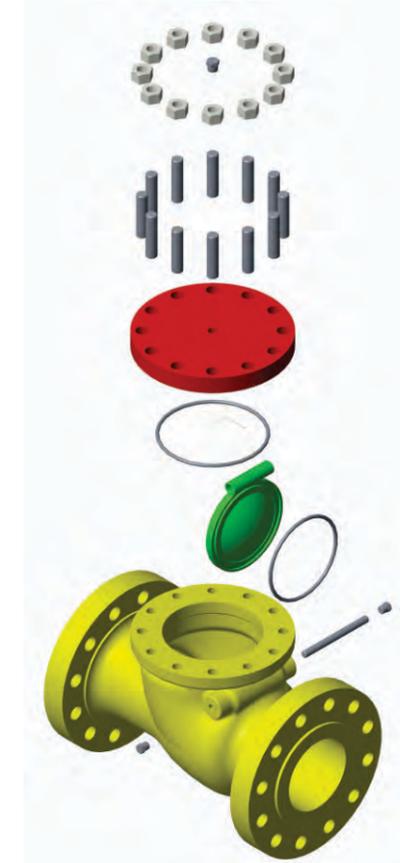
MADE TO DIFFERENT BRANDS, MATERIALS AND END CONNECTIONS



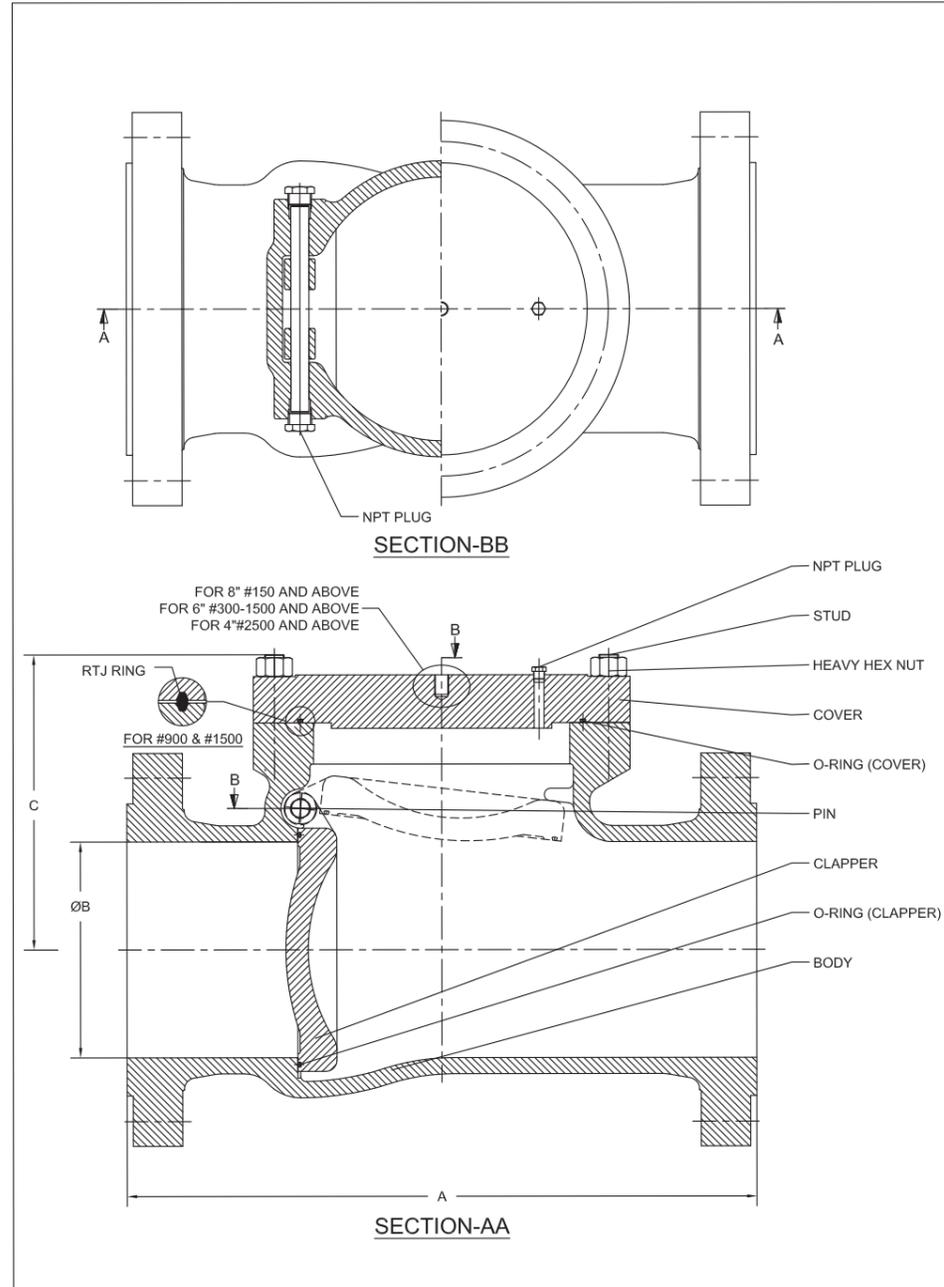
SOLID MODEL OF SWING CHECK VALVE



EXPLODED VIEW OF SWING CHECK VALVE



GENERAL ASSEMBLY



DESIGN SPECIFICATIONS

| | |
|----------------------------|----------------------------|
| GENERAL VALVE DESIGN | API 6D |
| PRESSURE TEMPRATURE RATING | ASME B16.34 |
| WALL THICKNESS | ASME B16.34 |
| FLANGE DESIGN | ASME B16.5 / ASME B16.47-A |
| FACE TO FACE DIMENSION | ASME B16.10 / API 6D |
| END TO END DIMENSION | ASME B16.10 / API 6D |
| MATERIALS | ASTM |
| VALVE TESTING | API 6D |

OPTIONS

FIRE SAFE COVER SEAL

RTJ FLANGE

REMOVABLE SEAT

COUNTER WEIGHT DESIGN

LOCKING AT OPEN POSITION

DIMENSIONS

| SIZE | INCH | 1 | 2 | 3 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 24 | 30 | 36 | 42 | 48 | |
|-------------------|------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|------|
| | | mm | 25 | 50 | 80 | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 600 | 750 | 900 | 1050 | 1200 |
| A | INCH | 5.00 | 8.00 | 9.50 | 11.50 | 14.00 | 19.50 | 24.50 | 27.50 | 31.00 | 34.00 | 38.50 | 51.00 | 60.00 | 77.00 | 80.25 | 84.00 | | |
| | mm | 127.0 | 203.2 | 241.3 | 292.1 | 355.6 | 495.3 | 622.3 | 698.5 | 787.4 | 863.6 | 977.9 | 1295.4 | 1524.0 | 1955.8 | 2038.4 | 2133.6 | | |
| A2 | INCH | -- | 8.50 | 10.00 | 12.00 | 14.50 | 20.00 | 25.00 | 28.00 | 31.50 | 34.50 | 39.00 | 39.00 | 51.50 | -- | -- | -- | -- | |
| | mm | -- | 215.9 | 254.0 | 304.8 | 368.3 | 508.0 | 635.0 | 711.2 | 800.1 | 876.3 | 990.6 | 990.6 | 1308.1 | -- | -- | -- | -- | |
| ØB | INCH | 1.00 | 2.00 | 3.00 | 4.00 | 6.00 | 8.00 | 10.00 | 12.00 | 13.25 | 15.25 | 17.25 | 19.25 | 23.25 | 29.25 | 35.25 | 41.25 | 47.25 | |
| | mm | 25 | 51 | 76 | 102 | 152 | 203 | 254 | 305 | 337 | 387 | 438 | 489 | 591 | 743 | 896 | 1048 | 1201 | |
| C | INCH | 3.5 | 5.6 | 6.8 | 7.8 | 8.3 | 10.1 | 11.9 | 14.0 | 16.7 | 17.5 | 19.6 | 23.5 | 27.6 | 32.5 | 36.8 | 42.3 | 49.0 | |
| | mm | 89 | 143 | 173 | 197 | 211 | 256 | 301 | 356 | 425 | 445 | 499 | 598 | 702 | 825 | 935 | 1075 | 1245 | |
| RTJ Groove Number | | 15 | 22 | 29 | 36 | 43 | 48 | 52 | 56 | 59 | 64 | 68 | 72 | 76 | -- | -- | -- | -- | |
| ØD | INCH | 1.875 | 3.250 | 4.500 | 5.875 | 7.625 | 9.750 | 12.000 | 15.000 | 15.625 | 17.875 | 20.375 | 22.000 | 26.500 | -- | -- | -- | -- | |
| | mm | 47.63 | 82.55 | 114.30 | 149.23 | 193.68 | 247.65 | 304.80 | 381.00 | 396.88 | 454.03 | 517.53 | 558.80 | 673.10 | -- | -- | -- | -- | |

| SIZE | INCH | 1 | 2 | 3 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 24 | 30 | 36 |
|-------------------|------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| | | mm | 25 | 50 | 80 | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 600 | 750 |
| A | INCH | 8.50 | 10.50 | 12.50 | 14.00 | 17.50 | 21.00 | 24.50 | 28.00 | 33.00 | 34.00 | 38.50 | 40.00 | 53.00 | 62.75 | 82.00 |
| | mm | 215.9 | 266.7 | 317.5 | 355.6 | 444.5 | 533.4 | 622.3 | 711.2 | 838.2 | 863.6 | 977.9 | 1016.0 | 1346.2 | 1593.9 | 2082.8 |
| A2 | INCH | -- | 11.12 | 13.12 | 14.62 | 18.12 | 21.62 | 25.12 | 28.62 | 33.62 | 34.62 | 39.12 | 40.75 | 53.88 | 63.75 | 83.12 |
| | mm | -- | 284.4 | 333.2 | 371.3 | 460.2 | 549.1 | 638.0 | 726.9 | 853.9 | 879.3 | 993.6 | 1035.1 | 1368.6 | 1619.3 | 2111.2 |
| ØB | INCH | 1.00 | 2.00 | 3.00 | 4.00 | 6.00 | 8.00 | 10.00 | 12.00 | 13.25 | 15.25 | 17.25 | 19.25 | 23.25 | 29.00 | 35.00 |
| | mm | 25 | 51 | 76 | 102 | 152 | 203 | 254 | 305 | 337 | 387 | 438 | 489 | 591 | 737 | 889 |
| C | INCH | 3.5 | 5.6 | 7.1 | 7.8 | 9.7 | 10.3 | 12.0 | 14.0 | 17.3 | 18.1 | 19.9 | 25.0 | 27.4 | 36.8 | 42.9 |
| | mm | 89 | 143 | 179 | 197 | 246 | 262 | 305 | 356 | 440 | 460 | 505 | 635 | 695 | 935 | 1090 |
| RTJ Groove Number | | -- | 23 | 30 | 37 | 45 | 49 | 53 | 57 | 61 | 65 | 69 | 73 | 77 | 95 | 98 |
| ØD | INCH | -- | 3.250 | 4.625 | 5.875 | 8.312 | 10.625 | 12.750 | 15.000 | 16.500 | 18.500 | 21.000 | 23.000 | 27.250 | 33.750 | 40.250 |
| | mm | -- | 82.55 | 117.28 | 149.23 | 211.12 | 269.88 | 323.85 | 381.00 | 419.10 | 469.90 | 533.40 | 584.20 | 692.15 | 857.25 | 1022.35 |

| SIZE | INCH | 1 | 2 | 3 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 24 | 30 |
|-------------------|------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | mm | 25 | 50 | 80 | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 600 |
| A | INCH | 8.50 | 11.50 | 14.00 | 17.00 | 22.00 | 26.00 | 31.00 | 33.00 | 35.00 | 39.00 | 43.00 | 47.00 | 55.00 | 65.00 |
| | mm | 215.9 | 292.1 | 355.6 | 431.8 | 558.8 | 660.4 | 787.4 | 838.2 | 889.0 | 990.6 | 1092.2 | 1093.8 | 1391.0 | 1651.0 |
| A2 | INCH | -- | 11.62 | 14.12 | 17.12 | 22.12 | 26.12 | 31.12 | 33.12 | 35.12 | 39.12 | 43.12 | 47.25 | 55.38 | 65.50 |
| | mm | -- | 295.1 | 358.6 | 434.8 | 561.8 | 663.4 | 790.4 | 841.2 | 892.0 | 993.6 | 1095.2 | 1200.2 | 1406.7 | 1663.7 |
| ØB | INCH | 1.00 | 2.00 | 3.00 | 4.00 | 6.00 | 8.00 | 10.00 | 12.00 | 13.19 | 15.19 | 17.19 | 19.19 | 23.19 | 28.94 |
| | mm | 25 | 51 | 76 | 102 | 152 | 203 | 254 | 305 | 334 | 385 | 436 | 487 | 589 | 735 |
| C | INCH | 3.5 | 5.6 | 7.2 | 8.2 | 9.9 | 10.5 | 12.7 | 14.6 | 19.1 | 21.1 | 25.0 | 32.5 | 37.2 | 41.5 |
| | mm | 89 | 143 | 183 | 209 | 251 | 266 | 323 | 370 | 485 | 535 | 635 | 825 | 945 | 1055 |
| RTJ Groove Number | | -- | 23 | 30 | 37 | 45 | 49 | 53 | 57 | 61 | 65 | 69 | 73 | 77 | 95 |
| ØD | INCH | -- | 3.250 | 4.625 | 5.875 | 8.312 | 10.625 | 12.750 | 15.000 | 16.500 | 18.500 | 21.000 | 23.000 | 27.250 | 33.750 |
| | mm | -- | 82.55 | 117.28 | 149.23 | 211.12 | 269.88 | 323.85 | 381.00 | 419.10 | 469.90 | 533.40 | 584.20 | 692.15 | 857.25 |

| SIZE | INCH | 2 | 3 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 24 |
|-------------------|------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | mm | 50 | 80 | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 |
| A | INCH | 14.50 | 15.00 | 18.00 | 24.00 | 29.00 | 33.00 | 38.00 | 40.50 | 44.50 | 48.00 | 52.00 | 61.00 |
| | mm | 368.3 | 381.0 | 457.2 | 609.6 | 736.6 | 838.2 | 965.2 | 1028.7 | 1130.3 | 1219.2 | 1320.8 | 1549.4 |
| A2 | INCH | 14.62 | 15.12 | 18.12 | 24.12 | 29.12 | 33.12 | 38.12 | 40.88 | 44.88 | 48.50 | 52.50 | 61.75 |
| | mm | 371.3 | 384.0 | 463.2 | 612.3 | 739.6 | 841.2 | 968.2 | 1038.4 | 1140.0 | 1231.9 | 1333.5 | 1568.5 |
| ØB | INCH | 1.97 | 3.00 | 4.00 | 6.00 | 8.00 | 10.00 | 12.00 | 12.68 | 14.80 | 16.65 | 18.54 | 22.44 |
| | mm | 50 | 76 | 102 | 152 | 203 | 254 | 305 | 322 | 376 | 423 | 471 | 570 |
| C | INCH | 6.3 | 7.2 | 8.2 | 11.5 | 12.0 | 15.0 | 18.0 | 24.0 | 27.6 | 32.5 | 38.0 | 46.9 |
| | mm | 161 | 183 | 209 | 292 | 305 | 381 | 457 | 610 | 702 | 825 | 965 | 1190 |
| RTJ Groove Number | | 24 | 31 | 37 | 45 | 49 | 53 | 57 | 62 | 66 | 70 | 74 | 78 |
| ØD | INCH | 3.750 | 4.875 | 5.875 | 8.312 | 10.625 | 12.750 | 15.000 | 16.500 | 18.500 | 21.000 | 23.000 | 27.250 |
| | mm | 95.25 | 123.83 | 149.23 | 211.12 | 269.88 | 323.85 | 381.00 | 419.10 | 469.90 | 533.40 | 584.20 | 692.15 |

| SIZE | INCH | 2 | 3 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 |
|-------------------|------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | mm | 50 | 80 | 100 | 150 | 200 | 250 | 300 | 300 | 300 | 300 |
| A | INCH | 14.50 | 18.50 | 21.50 | 27.75 | 32.75 | 39.00 | 44.50 | 49.50 | 54.50 | 60.50 | 65.50 |
| | mm | 368.3 | 469.9 | 546.1 | 704.9 | 831.9 | 990.6 | 1130.3 | 1257.3 | 1384.3 | 1536.7 | 1663.7 |
| A2 | INCH | 14.62 | 18.62 | 21.62 | 28.00 | 33.13 | 39.38 | 45.12 | 50.25 | 55.38 | 61.38 | 66.38 |
| | mm | 371.3 | 472.9 | 549.1 | 711.2 | 841.5 | 1000.3 | 1146.1 | 1276.4 | 1406.7 | 1559.1 | 1686.1 |
| ØB | INCH | 1.93 | 2.91 | 3.94 | 5.97 | 7.56 | 9.41 | 11.30 | 12.40 | 14.17 | 15.98 | 17.87 |
| | mm | 49 | 74 | 100 | 144 | 192 | 239 | 287 | 315 | 360 | 406 | 454 |
| C | INCH | 6.3 | 9.4 | 9.6 | 11.5 | 15.2 | 16.8 | 21.7 | 27.6 | 33.3 | 39.3 | 42.9 |
| | mm | 161 | 238 | 243 | 292 | 385 | 426 | 552 | 702 | 847 | 998 | 1090 |
| RTJ Groove Number | | 24 | 35 | 39 | 46 | 50 | 54 | 58 | 63 | 67 | 71 | 75 |
| ØD | INCH | 3.750 | 5.375 | 6.375 | 8.313 | 10.625 | 12.750 | 15.000 | 16.500 | 18.500 | 21.000 | 23.000 |
| | mm | 95.25 | 136.53 | 161.93 | 211.14 | 268.88 | 323.85 | 381.00 | 419.10 | 469.90 | 533.40 | 584.20 |

BILL OF MATERIALS

| PART NAME | A 216-WCB | WCC | A 217-WC6 | WC9 | A 217-C5 | C9 | C12 | A 352-LCB | LCC |
|--------------------|-----------------------|-----|-----------------------|-----|-----------------------|----|-----|-----------------|-----|
| BODY | A 216-WCB | WCC | A 217-WC6 | WC9 | A 217-C5 | C9 | C12 | A 352-LCB | LCC |
| O-RING (CLAPPER) | EPDM / BUNA-N / VITON | | EPDM / BUNA-N / VITON | | EPDM / BUNA-N / VITON | | | LT BUNA | |
| CLAPPER | A 351-CF8M | | A 351-CF8M | | A 351-CF8M | | | A 351-CF8M | |
| PIN | SS 316 | | SS 316 | | SS 316 | | | SS 316 | |
| O-RING (COVER) | EPDM / BUNA-N / VITON | | EPDM / BUNA-N / VITON | | EPDM / BUNA-N / VITON | | | LT BUNA | |
| COVER | A 216-WCB | WCC | A 217-WC6 | WC9 | A 479-410-1 | | | A 352-LCB | LCC |
| HEAVY HEX NUT | A 194-2H | | A 194-7 | | A 194-2H | | | A 194-7 | |
| STUD | A 193-B7 | | A 193-B16 | | A 193-B7 | | | A 320-L7 | |
| NPT PLUG* | A 105N | | SS 410 | | SS 410 | | | SS 316 | |
| RTJ RING | AISI 1010 | | SS 410 | | SS 410 | | | AISI 1010 | |
| SEAT RING | A 351-CF8M | | A 351-CF8M | | A 351-CF8M | | | A 351-CF8M | |
| GASKET (SEAT RING) | PTFE / GRAPHITE | | PTFE / GRAPHITE | | PTFE / GRAPHITE | | | PTFE / GRAPHITE | |
| O-RING (SEAT RING) | EPDM / BUNA-N / VITON | | EPDM / BUNA-N / VITON | | EPDM / BUNA-N / VITON | | | LT BUNA | |
| GASKET (COVER) | GRAPHITE | | GRAPHITE | | GRAPHITE | | | GRAPHITE | |

| PART NAME | A 351-CF8 | CF8M | A 351-CF3 | CF3M | A 351-CG8M | CG3M | A 351-CF8C | CN7M |
|--------------------|-----------------------|------------|-----------------------|---------|-----------------------|---------|-----------------------|-----------|
| BODY | A 351-CF8 | A 351-CF8M | A 351-CF3 | CF3M | A 351-CG8M | CG3M | A 351-CF8C | CN7M |
| O-RING (CLAPPER) | EPDM / BUNA-N / VITON | | EPDM / BUNA-N / VITON | | EPDM / BUNA-N / VITON | | EPDM / BUNA-N / VITON | |
| CLAPPER | A 351-CF8 | A 351-CF8M | A 351-CF3 | CF3M | A 351-CG8M | CG3M | A 351-CF8C | CN7M |
| PIN | SS 304 | SS 316 | SS 304L | 316L | SS 317 | 317L | SS 347 | A 20 |
| O-RING (COVER) | EPDM / BUNA-N / VITON | | EPDM / BUNA-N / VITON | | EPDM / BUNA-N / VITON | | EPDM / BUNA-N / VITON | |
| COVER | A 351-CF8 | A 351-CF8M | A 351-CF3 | CF3M | A 351-CG8M | CG3M | A 351-CF8C | CN7M |
| HEAVY HEX NUT | A 194-8 | | A 194-8 | | A 194-8 | | A 194-8 | A 194-8M |
| STUD | A 193-B8 | | A 193-B8 | | A 193-B8 | | A 193-B8 | A 193-B8M |
| NPT PLUG* | SS 304 | SS 316 | SS 304L | 316L | SS 317 | 317L | SS 347 | A 20 |
| RTJ RING | SS 304 | SS 316 | SS 304L | SS 316L | SS 317 | SS 317L | SS 347 | A 20 |
| SEAT RING | A 351-CF8 | A 351-CF8M | A 351-CF3 | CF3M | A 351-CG8M | CG3M | A 351-CF8C | CN7M |
| GASKET (SEAT RING) | PTFE / GRAPHITE | | PTFE / GRAPHITE | | PTFE / GRAPHITE | | PTFE / GRAPHITE | |
| O-RING (SEAT RING) | EPDM / BUNA-N / VITON | | EPDM / BUNA-N / VITON | | EPDM / BUNA-N / VITON | | EPDM / BUNA-N / VITON | |
| GASKET (COVER) | GRAPHITE | | GRAPHITE | | GRAPHITE | | GRAPHITE | |

| PART NAME | A 351-CK3MCuN | CN3MN | A 995-4A | 6A | A 494 CZ100 | M35-1 | A 494 CW12MW | CW6MC |
|--------------------|-----------------------|-------|-----------------------|--------|-----------------------|------------|-----------------------|------------|
| BODY | A 351-CK3MCuN | CN3MN | A 995-4A | 6A | A 494 CZ100 | M35-1 | A 494 CW12MW | CW6MC |
| O-RING (CLAPPER) | EPDM / BUNA-N / VITON | | EPDM / BUNA-N / VITON | | EPDM / BUNA-N / VITON | | EPDM / BUNA-N / VITON | |
| CLAPPER | A 351-CK3MCuN | CN3MN | A 995-4A | 6A | A 494 CZ100 | M35-1 | A 494 CW12MW | CW6MC |
| PIN | S31254 | AL6XN | S31803 | S32760 | UNS N02200 | UNS N04400 | UNS N10002 | UNS N06625 |
| O-RING (COVER) | EPDM / BUNA-N / VITON | | EPDM / BUNA-N / VITON | | EPDM / BUNA-N / VITON | | EPDM / BUNA-N / VITON | |
| COVER | A 351-CK3MCuN | CN3MN | A 995-4A | 6A | A 494 CZ100 | M35-1 | A 494 CW12MW | CW6MC |
| HEAVY HEX NUT | A 194-8M | | A 194-8M | | A 194-8M | | A 194-8M | UNS N06625 |
| STUD | A 193-B8M | | A 193-B8M | | A 193-B8M | | A 193-B8M | |
| NPT PLUG* | S31254 | AL6XN | S31803 | S32760 | UNS N02200 | UNS N04400 | UNS N10002 | UNS N06625 |
| RTJ RING | S31254 | AL6XN | S31803 | S32760 | UNS N02200 | UNS N04400 | UNS N10002 | UNS N06625 |
| SEAT RING | A 351-CK3MCuN | CN3MN | A 995-4A | 6A | A 494 CZ100 | M35-1 | A 494 CW12MW | CW6MC |
| GASKET (SEAT RING) | PTFE / GRAPHITE | | PTFE / GRAPHITE | | PTFE / GRAPHITE | | PTFE / GRAPHITE | |
| O-RING (SEAT RING) | EPDM / BUNA-N / VITON | | EPDM / BUNA-N / VITON | | EPDM / BUNA-N / VITON | | EPDM / BUNA-N / VITON | |
| GASKET (COVER) | GRAPHITE | | GRAPHITE | | GRAPHITE | | GRAPHITE | |

TECHNICAL DATAS

| CLASS 150 | | | | | |
|-----------|------|--------|---------|---------|---------|
| SIZE | | WEIGHT | | Cv | Kv |
| INCH | mm | kgs | lbs | Usgpm | cmph |
| 1" | 25 | 5.6 | 12.0 | 25.3 | 21.9 |
| 2" | 50 | 15.6 | 34.0 | 101.0 | 87.4 |
| 3" | 80 | 25.6 | 56.0 | 227.4 | 196.7 |
| 4" | 100 | 42.9 | 95.0 | 404.2 | 349.6 |
| 6" | 150 | 55.8 | 123.0 | 909.4 | 786.7 |
| 8" | 200 | 111.5 | 246.0 | 1616.7 | 1398.6 |
| 10" | 250 | 180.5 | 398.0 | 2526.2 | 2185.3 |
| 12" | 300 | 289.7 | 638.0 | 3637.7 | 3146.8 |
| 14" | 350 | 318.0 | 700.9 | 4435.0 | 3836.5 |
| 16" | 400 | 397.0 | 875.0 | 5874.9 | 5082.1 |
| 18" | 450 | 580.0 | 1278.3 | 7516.9 | 6502.5 |
| 20" | 500 | 750.0 | 1653.0 | 9361.0 | 8097.8 |
| 24" | 600 | 1140.0 | 2512.6 | 13655.5 | 11812.7 |
| 30" | 750 | 2610.0 | 5752.4 | 21612.9 | 18696.3 |
| 36" | 900 | 3675.0 | 8099.7 | 31389.2 | 27153.3 |
| 42" | 1050 | 5025.0 | 11075.1 | 42984.3 | 37183.6 |
| 48" | 1200 | 6300.0 | 13885.2 | 56398.2 | 48787.4 |

| CLASS 300 | | | | | |
|-----------|-----|--------|---------|---------|---------|
| SIZE | | WEIGHT | | Cv | Kv |
| INCH | mm | kgs | lbs | Usgpm | cmph |
| 1" | 25 | 7.0 | 15.0 | 25.3 | 21.9 |
| 2" | 50 | 18.2 | 40.0 | 101.0 | 87.4 |
| 3" | 80 | 34.4 | 76.0 | 227.4 | 196.7 |
| 4" | 100 | 56.0 | 123.0 | 404.2 | 349.6 |
| 6" | 150 | 109.7 | 242.0 | 909.4 | 786.7 |
| 8" | 200 | 143.2 | 316.0 | 1616.7 | 1398.6 |
| 10" | 250 | 225.5 | 497.0 | 2526.2 | 2185.3 |
| 12" | 300 | 336.5 | 742.0 | 3637.7 | 3146.8 |
| 14" | 350 | 560.0 | 1234.2 | 4435.0 | 3836.5 |
| 16" | 400 | 636.0 | 1401.7 | 5874.9 | 5082.1 |
| 18" | 450 | 865.0 | 1906.5 | 7516.9 | 6502.5 |
| 20" | 500 | 1025.0 | 2259.1 | 9361.0 | 8097.8 |
| 24" | 600 | 1950.0 | 4297.8 | 13655.5 | 11812.7 |
| 30" | 750 | 3650.0 | 8044.6 | 21245.1 | 18378.1 |
| 36" | 900 | 5650.0 | 12452.6 | 30945.5 | 26769.5 |

| CLASS 600 | | | | | |
|-----------|-----|--------|---------|---------|---------|
| SIZE | | WEIGHT | | Cv | Kv |
| INCH | mm | kgs | lbs | Usgpm | cmph |
| 1" | 25 | 7.5 | 17.0 | 25.3 | 21.9 |
| 2" | 50 | 21.8 | 48.0 | 101.0 | 87.4 |
| 3" | 80 | 42.5 | 94.0 | 227.4 | 196.7 |
| 4" | 100 | 73.5 | 162.0 | 404.2 | 349.6 |
| 6" | 150 | 152.5 | 336.0 | 909.4 | 786.7 |
| 8" | 200 | 207.2 | 457.0 | 1616.7 | 1398.6 |
| 10" | 250 | 346.6 | 764.0 | 2526.2 | 2185.3 |
| 12" | 300 | 492.9 | 1086.0 | 3637.7 | 3146.8 |
| 14" | 350 | 740.0 | 1631.0 | 4394.9 | 3801.8 |
| 16" | 400 | 1255.0 | 2766.0 | 5828.8 | 5042.2 |
| 18" | 450 | 1575.0 | 3471.3 | 7464.7 | 6457.4 |
| 20" | 500 | 2070.0 | 4562.3 | 9302.8 | 8047.4 |
| 24" | 600 | 3250.0 | 7163.0 | 13585.1 | 11751.8 |
| 30" | 750 | 5250.0 | 11571.0 | 21157.2 | 18302.1 |

| CLASS 900 | | | | | |
|-----------|-----|--------|---------|---------|---------|
| SIZE | | WEIGHT | | Cv | Kv |
| INCH | mm | kgs | lbs | Usgpm | cmph |
| 2" | 50 | 42.0 | 93.0 | 98.0 | 84.8 |
| 3" | 80 | 62.0 | 137.0 | 227.4 | 196.7 |
| 4" | 100 | 96.3 | 212.0 | 404.2 | 349.6 |
| 6" | 150 | 207.2 | 457.0 | 909.4 | 786.7 |
| 8" | 200 | 275.0 | 606.0 | 1616.7 | 1398.6 |
| 10" | 250 | 475.0 | 1047.0 | 2526.2 | 2185.3 |
| 12" | 300 | 785.0 | 1730.0 | 3637.7 | 3146.8 |
| 14" | 350 | 1380.0 | 3041.5 | 4061.6 | 3513.5 |
| 16" | 400 | 1525.0 | 3361.1 | 5533.3 | 4786.6 |
| 18" | 450 | 2100.0 | 4628.4 | 7003.1 | 6058.0 |
| 20" | 500 | 2350.0 | 5179.4 | 8683.2 | 7511.4 |
| 24" | 600 | 4625.0 | 10193.5 | 12720.6 | 11004.0 |

| CLASS 1500 | | | | | |
|------------|-----|--------|---------|--------|--------|
| SIZE | | WEIGHT | | Cv | Kv |
| INCH | mm | kgs | lbs | Usgpm | cmph |
| 2" | 50 | 42.0 | 93.0 | 98.0 | 84.8 |
| 3" | 80 | 87.0 | 192.0 | 213.9 | 185.1 |
| 4" | 100 | 151.0 | 333.0 | 392.2 | 339.2 |
| 6" | 150 | 314.5 | 693.0 | 812.1 | 702.5 |
| 8" | 200 | 564.0 | 1243.1 | 1443.8 | 1249.0 |
| 10" | 250 | 917.0 | 2021.1 | 2236.9 | 1935.0 |
| 12" | 300 | 1750.0 | 3857.0 | 3225.7 | 2790.4 |
| 14" | 350 | 2525.0 | 5565.1 | 3884.2 | 3360.1 |
| 16" | 400 | 2100.0 | 4628.4 | 5072.3 | 4387.8 |
| 18" | 450 | 4250.0 | 9367.0 | 6450.8 | 5580.3 |
| 20" | 500 | 5600.0 | 12342.4 | 8067.0 | 6978.4 |

NOTE : Values are at Ideal / Theoretical condition.