



standard features

- **Description** BOLTED BONNET
OUTSIDE SCREW AND YOKE
RISING STEM
RISING HANDWHEEL
SWIVEL PLUG DISC
- **Design** BS 1873
ASME B16.34
API 623
- **Face to face** ASME B16.10
- **Flanges** ASME B16.5
BW ENDS TO ASME B16.25
- **Testing** API 598
EN 12266
- **Rating** ASME B16.34
- **Marking** MSS-SP 25
CE - PED
- **Certificates** EN 10204 – 3.1 / 3.2

| PART NAME | W46xY | L46xY | M46xY | C46xY | B46xY | E46xY | D46xY | F46xY | H46xY |
|---------------------|-------------|-------------|----------|---|----------|-------------|-------------|-------------|-------------|
| 1 Body | WCB | LCB | WC6 | C5 | C12 | CF8 | CF8C | CF8M | CF3M |
| 2 Bonnet | WCB | LCB | WC6 | C5 | C12 | CF8 | CF8C | CF8M | CF3M |
| 3 Seat ring surface | F6A (1) | F6A (1) | F6A (1) | F6A (1) | F6A (1) | F304 (1) | F321 (1) | F316 (1) | F316L (1) |
| 4 Disc seat surface | F6A (2) | F6A (2) | F6A (2) | F6A (2) | F6A (2) | F304 (2) | F321 (2) | F316 (2) | F316L (2) |
| 5 Stem | F6A (3) | F6A (3) | F6A (3) | F6A (3) | F6A (3) | F304 (3) | F321 (3) | F316 (3) | F316L (3) |
| 6 Back seat | F6A | F6A | F6A | F6A | F6A | F304 | F321 | F316 | F316 |
| 7 Gland | F6A | F6A | F6A | F6A | F6A | F304 | F321 | F316 | F316 |
| 8 Gland flange | A105 | F316 | F316 | F316 | F316 | F316 | F316 | F316 | F316 |
| 9 Yoke sleeve | B148 9A (4) | B148 9A (4) | Nod.Iron | Nod.Iron | Nod.Iron | B148 9A (4) | B148 9A (4) | B148 9A (4) | B148 9A (4) |
| 10 Disc nut | F6A | F6A | F6A | F6A | F6A | F304 | F321 | F316 | F316L |
| 11 Handwheel | | | ← | | Steel | | → | | |
| 12 Plate | | | ← | | A105 | | → | | |
| 13 Handwheel nut | | | ← | | A105 | | → | | B8 |
| 14 Bolts | B7 | L7 | B16 | B16 | B16 | B8 | B8 | B8 | B8 |
| 15 Nuts | 2H | G7 | G7 | G7 | G7 | G8 | G8 | G8 | G8 |
| 16 Eye bolts | B7 | L7 | B16 | B16 | B16 | B8 | B8 | B8 | B8 |
| 17 Nuts | 2H | G7 | G7 | G7 | G7 | G8 | G8 | G8 | G8 |
| 18 Eye bolt pin | B7 | L7 | B16 | B16 | B16 | B8 | B8 | B8 | B8 |
| 19 Gasket (5) | | | ← | S.S. spiral wound reinf. graphite / RTJ (5) | | → | | | |
| 20 Packing (6) | | | ← | Graphite rings & wiper rings (6) | | → | | | |

(1) On request: faced with Stellite® - Monel® - Hastelloy® - other materials
 (2) On request: faced with Stellite® - Monel® - Hastelloy® - other materials
 (3) On request: 17 Cr - Monel® - Hastelloy® - other materials

(4) On request: Nodular Iron - Nitronic 60
 (5) On request: PTFE - other materials
 (6) On request: PTFE - other materials

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FIG. N. 460Y - GLOBE VALVES - 'Y' TYPE ASME CLASS 150

| SIZE | 2" | 2½" | 3" | 4" | 5" | 6" | 8" | 10" | 12" | 14" | 16" | -- | -- | -- | -- |
|---------|-----|-----|-----|-----|-----|-----|-------|-------|-------|-------|--------|----|----|----|----|
| L RF/BW | 203 | 216 | 241 | 292 | 356 | 406 | 495 | 622 | 699 | 787 | 914 | -- | -- | -- | -- |
| L RTJ | 216 | 219 | 254 | 305 | 368 | 419 | 508 | 635 | 711 | 800 | 927 | -- | -- | -- | -- |
| D | 152 | 178 | 191 | 229 | 254 | 279 | 343 | 406 | 483 | 533 | 597 | -- | -- | -- | -- |
| V | 200 | 200 | 225 | 250 | 300 | 300 | 500 * | 700 * | 700 * | 800 * | 1000 * | -- | -- | -- | -- |
| H | 320 | 350 | 380 | 440 | 480 | 560 | 680 | 750 | 860 | 930 | 1250 | -- | -- | -- | -- |
| H1 | 380 | 430 | 470 | 550 | 615 | 720 | 890 | 1010 | 1170 | 1040 | 1380 | -- | -- | -- | -- |

FIG. N. 461Y - GLOBE VALVES - 'Y' TYPE ASME CLASS 300

| SIZE | 2" | 2½" | 3" | 4" | 5" | 6" | 8" | 10" | 12" | 14" | 16" | -- | -- | -- | -- |
|---------|-----|-----|-----|-----|-----|------|------|------|------|------|-------|----|----|----|----|
| L RF/BW | 267 | 292 | 318 | 356 | 400 | 445 | 559 | 622 | 711 | 838 | 864 | -- | -- | -- | -- |
| L RTJ | 282 | 308 | 333 | 371 | 416 | 460 | 575 | 638 | 727 | 854 | 879 | -- | -- | -- | -- |
| D | 165 | 191 | 210 | 254 | 279 | 318 | 381 | 445 | 521 | 584 | 648 | -- | -- | -- | -- |
| V | 200 | 225 | 225 | 300 | 300 | 500* | 600* | 700* | 700* | 800* | 1000* | -- | -- | -- | -- |
| H | 390 | 400 | 410 | 430 | 570 | 680 | 800 | 850 | 1010 | 1150 | 1390 | -- | -- | -- | -- |
| H1 | 410 | 420 | 435 | 520 | 615 | 735 | 860 | 930 | 1110 | 1270 | 1512 | -- | -- | -- | -- |

FIG. N. 462Y - GLOBE VALVES - 'Y' TYPE ASME CLASS 600

| SIZE | 2" | 2½" | 3" | 4" | 5" | 6" | 8" | 10" | 12" | 14" | 16" | -- | -- | -- | -- |
|---------|-----|-----|-----|------|------|------|-------|-------|-------|-------|-------|----|----|----|----|
| L RF/BW | 292 | 330 | 356 | 432 | 508 | 559 | 660 | 787 | 838 | 889 | 991 | -- | -- | -- | -- |
| L RTJ | 295 | 333 | 359 | 435 | 511 | 562 | 663 | 790 | 841 | 892 | 994 | -- | -- | -- | -- |
| D | 165 | 191 | 210 | 273 | 330 | 356 | 419 | 508 | 559 | 603 | 686 | -- | -- | -- | -- |
| V | 200 | 250 | 250 | 400* | 500* | 700* | 1000* | 1000* | 1000* | 1000* | 1000* | -- | -- | -- | -- |
| H | 350 | 515 | 545 | 600 | 686 | 780 | 840 | 1235 | 1311 | 1430 | 1660 | -- | -- | -- | -- |
| H1 | 370 | 535 | 570 | 630 | 726 | 830 | 910 | 1315 | 1411 | 1550 | 1800 | -- | -- | -- | -- |

FIG. N. 463Y - GLOBE VALVES - 'Y' TYPE ASME CLASS 900

| SIZE | 2" | 2½" | 3" | 4" | 5" | 6" | 8" | 10" | 12" |
|---------|-----|-----|------|------|------|-------|-------|-------|-------|
| L RF/BW | 368 | 419 | 381 | 457 | 559 | 610 | 737 | 838 | 965 |
| L RTJ | 371 | 422 | 384 | 460 | 562 | 613 | 740 | 842 | 968 |
| D | 216 | 244 | 241 | 292 | 349 | 381 | 470 | 546 | 610 |
| V | 400 | 400 | 500* | 600* | 700* | 1000* | 1000* | 1000* | 1000* |
| H | 575 | 690 | 590 | 720 | 870 | 973 | 1140 | 1500 | 1680 |
| H1 | 605 | 730 | 634 | 780 | 928 | 1045 | 1230 | 1615 | 1810 |

FIG. N. 464Y - GLOBE VALVES - 'Y' TYPE ASME CLASS 1500

| SIZE | 2" | 2½" | 3" | 4" | 5" | 6" | 8" | 10" | 12" |
|---------|------|------|------|------|------|------|-------|-------|-------|
| L RF/BW | 368 | 419 | 470 | 546 | 673 | 705 | 832 | 991 | 1130 |
| L RTJ | 371 | 422 | 473 | 549 | 676 | 711 | 842 | 1000 | 1146 |
| D | 216 | 244 | 267 | 311 | 375 | 394 | 483 | 584 | 673 |
| V | 400* | 400* | 500* | 700* | 700* | 900* | 1000* | 1000* | 1000* |
| H | 575 | 690 | 770 | 840 | 902 | 973 | 1043 | 1670 | 1750 |
| H1 | 615 | 740 | 826 | 915 | 980 | 1080 | 1190 | 1760 | 1855 |

* Gear operator recommended

features on request

- TOP FLANGE TO ISO 5210
- GEAR OPERATOR
- CHAIN WHEEL OPERATOR
- PNEUMATIC ACTUATOR
- HYDRAULIC ACTUATOR
- ELECTRIC ACTUATOR
- POSITION INDICATOR
- LIMIT SWITCHES
- LOCKING / INTERLOCK SYSTEM
- DISC WITH PTFE INSERT
- PARABOLIC DISC
- STOP CHECK DISC
- STEM PROTECTION
- STEM EXTENSION
- LANTERN RING
- EXTENDED STUFFING BOX
- LIVE LOADED PACKING
- DRAIN PLUG
- BY PASS
- BW ENDS
- DIN CONNECTIONS

All dimensions in mm (except where differently indicated)

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