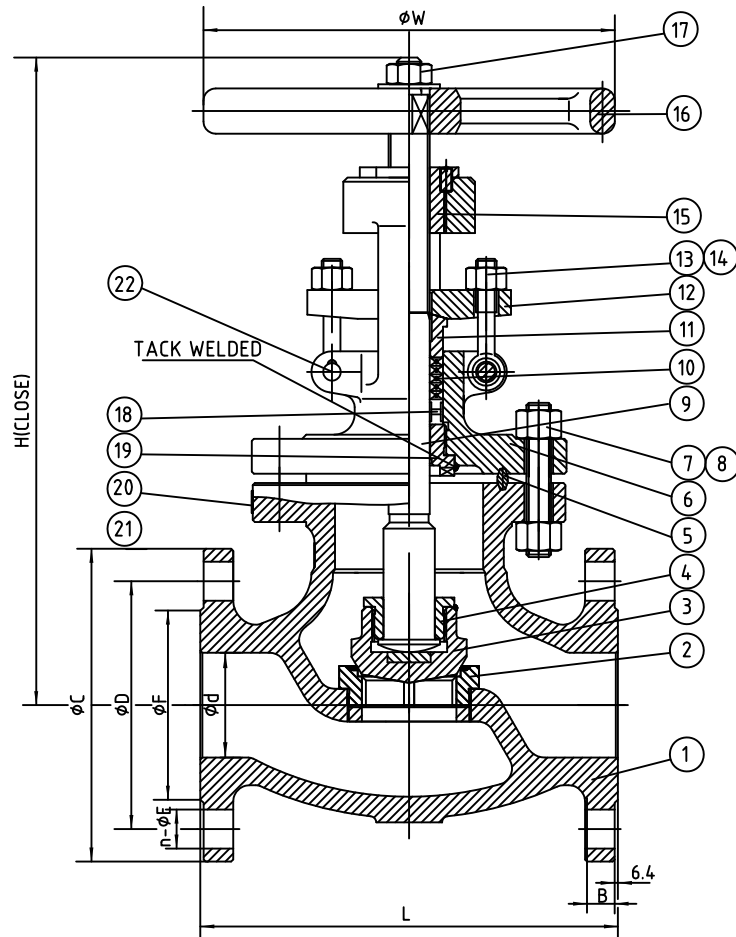


# Wm. E. Williams No. 902F2N Class 900 RF Globe Valve ASTM A 216 WCB (API Trim 8) NACE



| ITEM | NAME              | MATERIAL                   | SPECIFICATION   | NOTE |
|------|-------------------|----------------------------|-----------------|------|
| 1    | BODY              | CAST STEEL                 | ASTM A216-WCB   | NACE |
| 2    | SEAT              | CARBON STEEL               | ASTM A105+HF    |      |
| 3    | DISC              | CARBON STEEL               | ASTM A105+13%Cr |      |
| 4    | DISC COVER        | STAINLESS STEEL            | ASTM A276-410   |      |
| 5    | GASKET RING JOINT | STEEL                      | 08F             |      |
| 6    | BONNET            | CAST STEEL                 | ASTM A216-WCB   |      |
| 7    | BONNET BOLT       | STEEL                      | ASTM A193-B7M   |      |
| 8    | BONNET NUT        | STEEL                      | ASTM A194-2HM   |      |
| 9    | STEM              | STAINLESS STEEL            | ASTM A182-F6a   |      |
| 10   | PACKING RING      | INCONEL WIRE WITH GRAPHITE |                 |      |
| 11   | GLAND             | STAINLESS STEEL            | ASTM A276-410   |      |
| 12   | GLAND FLANGE      | CAST STEEL                 | ASTM A216-WCB   |      |
| 13   | EYE BOLT          | STEEL                      | ASTM A193-B7M   |      |
| 14   | EYE BOLT NUT      | STEEL                      | ASTM A194-2HM   |      |
| 15   | STEM NUT          | NODULAR CAST IRON          | ASTM A439-D-2   |      |
| 16   | HANDWHEEL         | NODULAR CAST IRON          |                 |      |
| 17   | HANDWHEEL NUT     | CARBON STEEL               | ASTM A29-1035   |      |
| 18   | DISTANCE RING     | STAINLESS STEEL            | ASTM A276-410   |      |
| 19   | BACKSEAT BUSHING  | STAINLESS STEEL            | ASTM A276-410   |      |
| 20   | NAMEPLATE         | STAINLESS STEEL            | 304SS           |      |
| 21   | RIVET             | STAINLESS STEEL            | 304SS           |      |
| 22   | PIN               | CARBON STEEL               | ASTM A29-1035   |      |

| SIZE | L   | B    | C   | D     | n  | E  | F   | H    | W   |
|------|-----|------|-----|-------|----|----|-----|------|-----|
| 2"   | 368 | 38.5 | 216 | 165.1 | 8  | 26 | 92  | 478  | 350 |
| 3"   | 381 | 38.5 | 241 | 190.5 | 8  | 26 | 127 | 614  | 400 |
| 4"   | 457 | 44.5 | 292 | 234.9 | 8  | 32 | 157 | 789  | 450 |
| 6"   | 610 | 56.0 | 381 | 317.5 | 12 | 32 | 216 | 886  | 560 |
| 8"   | 737 | 63.5 | 470 | 393.7 | 12 | 39 | 270 | 932  | 640 |
| 10"  | 838 | 70.0 | 546 | 469.9 | 16 | 39 | 324 | 1040 | 640 |

Remark: Larger sizes available upon request



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TITLE: CAST STEEL GLOBE VALVE  
CLASS 900 - API TRIM 8 - B,B R,F OS&Y

|     |      |             |       |       |       |                |                     |                            |       |                            |                        |                  |                        |
|-----|------|-------------|-------|-------|-------|----------------|---------------------|----------------------------|-------|----------------------------|------------------------|------------------|------------------------|
|     |      |             |       |       |       | MARKING SYSTEM | MSS-SP-25           | INSPECTION & TEST: API 598 |       | MATERIAL: ASTM A216 GR.WCB | UNITS: Inch, mm        |                  |                        |
|     |      |             |       |       |       | DIM.OF FLANGE  | ANSI B16.5          | SHELL                      | HYDRO | 3350PSI                    | CLASS: 900             | DATE: 12/31/15   | SCALE: N.T.S.          |
|     |      |             |       |       |       | FACE TO FACE   | ANSI B16.10         | SEAT                       | AIR   | 80PSI                      | SIZE: 2" - 10"         | FIG. No.: 902F2N |                        |
|     |      |             |       |       |       | WALL THICKNESS | BS1873              | BACK SEAT                  | HYDRO | 2450PSI                    | DRAWN BY: F.J.         |                  |                        |
|     |      |             |       |       |       |                |                     |                            |       |                            | CHK'D & APR'D BY: R.P. | REV: 1           | DWG No.: 60GL120120-28 |
| NO. | DATE | DESCRIPTION | PRP'D | REV'D | APP'D | DESIGNED       | BS1873, ANSI B16.34 | NACE MR 0175               |       |                            |                        |                  |                        |

|          |          |      |      |      |  |
|----------|----------|------|------|------|--|
| 12/31/15 | RELEASED | F.J. | R.P. | R.P. |  |
|----------|----------|------|------|------|--|