



## PERSTA Globe valve Series: 200AE 11.2/21.2 Type: 1255 Steel Butt weld PN40/160

### Characteristics

**Series:** 200AE 11.2/21.2  
**Type:** 1255  
**Norm:** EN (DIN)  
**Construction type:** Straight  
**Housing material:** Steel  
**Surface protection:** Standard manufacturers coating  
**Connection:** Butt weld  
**Standard welding connection:** EN 12627  
**Stem seal type:** Gland seal  
**Material disc:** 1.4021  
**Spindle material:** 1.4021  
**Primary spindle seal material:** Graphite

### Characteristics [2]

**Material bonnet:** 1.0460  
**Bonnet gasket material:** Graphite  
**Actuator material:** EN-JS1030  
**Minimum medium temperature (continuous):** -10 °C  
**Maximum medium temperature (continuous):** 450 °C  
**Maximum pressure difference at 20 °C:** 40 bar

| DN   | PN40 |     |     |     | PN63 |     |     |     | PN100 |     |     |     | PN160 |     |     |     |
|------|------|-----|-----|-----|------|-----|-----|-----|-------|-----|-----|-----|-------|-----|-----|-----|
| [mm] | A    | L   | H   | M   | A    | L   | H   | M   | A     | L   | H   | M   | A     | L   | H   | M   |
| 10   | 90   | 130 | 215 | 140 | 100  | 210 | 220 | 180 | 100   | 210 | 220 | 180 | 100   | 210 | 220 | 180 |
| 15   | 95   | 130 | 215 | 140 | 105  | 210 | 220 | 180 | 105   | 210 | 220 | 180 | 105   | 210 | 220 | 180 |
| 20   | 105  | 150 | 220 | 140 | 130  | 230 | 220 | 180 | 130   | 230 | 220 | 180 | 130   | 230 | 220 | 180 |
| 25   | 115  | 160 | 220 | 140 | 140  | 230 | 220 | 180 | 140   | 230 | 220 | 180 | 140   | 230 | 220 | 180 |
| 32   | 140  | 180 | 245 | 180 | 155  | 260 | 285 | 225 | 155   | 260 | 285 | 225 | 155   | 260 | 285 | 225 |
| 40   | 150  | 200 | 250 | 180 | 170  | 260 | 285 | 225 | 170   | 260 | 285 | 225 | 170   | 260 | 285 | 225 |
| 50   | 165  | 230 | 260 | 180 | 180  | 300 | 345 | 225 | 195   | 300 | 345 | 225 | 195   | 300 | 345 | 225 |
| 65   | 185  | 290 | 310 | 225 | 205  | 340 | 360 | 280 | 220   | 340 | 360 | 280 | 220   | 340 | 360 | 280 |
| 80   | 200  | 310 | 360 | 280 | 215  | 380 | 400 | 280 | 230   | 380 | 400 | 280 | 230   | 380 | 400 | 280 |
| 100  | 235  | 350 | 400 | 280 | 250  | 430 | 410 | 360 | 265   | 430 | 410 | 360 | 265   | 430 | 410 | 360 |
| 125  | 270  | 400 | 465 | 360 | 295  | 500 | 535 | 360 | 315   | 500 | 535 | 360 |       |     |     |     |
| 150  | 300  | 480 | 530 | 360 | 345  | 550 | 555 | 450 | 355   | 550 | 555 | 450 |       |     |     |     |
| 200  | 375  | 600 | 575 | 450 |      |     |     |     |       |     |     |     |       |     |     |     |

| Size                | -10/100°C | 150°C | 200°C | 250°C | 300°C | 350°C | 400°C | 450°C |       |
|---------------------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|
| PN40<br>(DN10-50)   | 40        | 37    | 35    | 32    | 28    | 24    | 21    | 10    | [bar] |
| PN40<br>(DN65-200)  | 40        | 37    | 35    | 32    | 28    | 24    | 21    | -     | [bar] |
| PN63<br>(DN10-50)   | 63        | 58    | 50    | 45    | 40    | 36    | 32    | 24    | [bar] |
| PN63<br>(DN65-150)  | 63        | 53    | 50    | 45    | 40    | 36    | 32    | -     | [bar] |
| PN100<br>(DN10-50)  | 100       | 90    | 80    | 70    | 60    | 56    | 50    | 38    | [bar] |
| PN100<br>(DN65-150) | 100       | 83    | 80    | 70    | 60    | 56    | 50    | -     | [bar] |

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| Size                | -10/100°C | 150°C | 200°C | 250°C | 300°C | 350°C | 400°C | 450°C |       |
|---------------------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|
| PN160<br>(DN10-50)  | 160       | 145   | 130   | 112   | 96    | 90    | 80    | 60    | [bar] |
| PN160<br>(DN65-100) | 160       | 135   | 130   | 112   | 96    | 90    | 80    | -     | [bar] |

| Material quality | Nominal inner diameter | External tube diameter of connection | Pressure rating | Face to Face length | Operation                           | Type of disc | Type of bonnet | Sealing         | Kv value | Article  |
|------------------|------------------------|--------------------------------------|-----------------|---------------------|-------------------------------------|--------------|----------------|-----------------|----------|----------|
|                  |                        | mm                                   |                 | mm                  |                                     |              |                |                 | m³/h     |          |
| 1.0460           | DN15                   | 22                                   | PN40            | 130                 | Hand wheel, rising with rising stem | Fixed disc   | Bolted bonnet  | Stainless steel | 4.5      | 13484752 |
| 1.0460           | DN32                   | 44                                   | PN40            | 160                 | Hand wheel, rising with rising stem | Fixed disc   | Bolted bonnet  | Stainless steel | 16       | 11311704 |
| 1.0460           | DN50                   | 62                                   | PN40            | 210                 | Hand wheel, rising with rising stem | Fixed disc   | Bolted bonnet  | Stainless steel | 30       | 11240077 |

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