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**“EASCO” Gate Valve Flanged ASA150#**

**Technical Data-**

* Manufacturing Std: API 600, BS 1414
* Testing & Inspection Std: API 598
* Face to Face Std: As Per ANSI B 16.10
* End Connection: Flanged ANSI B16.5 RF

**Testing Standard: - API 598**

|  |  |  |  |
| --- | --- | --- | --- |
| Test Pressure in PSIG | | | |
| **Test** | **Hydrostatic** | **Working Pr.** | **Temp.** |
| **Pr. Rating** | **ASA150#** |
| Body | 425 PSIG | 150 PSIG | 500’ F |
| Seat | 300 PSIG |  |  |

**Engineering Options:**

1. Special Materials on Request
2. Remote Operation on Request

**Part Name:- Dimensions:-**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No.** | **Part Name** | **Material** |  | **Size** | **A** | **B** | **C** | **D** | **E** | **F** | **G** |
| 01 | Body | ASTM A351 Gr. CF8M |  | **25** | 127 | 51 | 14 | 108 | 4 | 79 | 16 |
| 02 | Seat Ring | ASTM A351 Gr. CF8M |  | **40** | 165 | 73 | 14 | 127 | 4 | 98 | 16 |
| 03 | Wedge | ASTM A351 Gr. CF8M |  | **50** | 178 | 92 | 16 | 152 | 4 | 121 | 19 |
| 04 | Spindle | SS316 |  | **65** | 190 | 105 | 17 | 178 | 4 | 140 | 19 |
| 05 | Bonnet | ASTM A351 Gr. CF8M |  | **80** | 203 | 127 | 19 | 190 | 4 | 152 | 19 |
| 06 | Gasket | Graphite with SS316 |  | **100** | 229 | 157 | 24 | 229 | 8 | 190 | 19 |
| 07 | Bonnet Stud & Nut | ASTM A 193 |  | **125** | 254 | 186 | 24 | 254 | 8 | 216 | 22 |
| 08 | Bonnet Bush | SG Iron |  | **150** | 267 | 216 | 25 | 278 | 8 | 241 | 22 |
| 09 | Gland Packing | Graphite with Braided end Ring |  | **200** | 292 | 270 | 29 | 343 | 8 | 298 | 22 |
| 10 | Gland | SS316 |  | **250** | 330 | 324 | 30 | 406 | 12 | 362 | 25 |
| 11 | Yoke Bush | SG Iron |  | **300** | 356 | 381 | 32 | 483 | 12 | 431 | 25 |
| 12 | Cros Bolt & Nut | SS316 |  | **350** | 381 | 413 | 35 | 534 | 12 | 477 | 29 |
| 13 | Eye Bolt & Nut | SS 316 |  | **400** | 406 | 470 | 37 | 597 | 16 | 540 | 29 |
| 14 | Grub Screw | MS |  |  |  |  |  |  |  |  |  |
| 15 | Hand Wheel | SG Iron |  |  |  |  |  |  |  |  |  |
| 16 | Wheel Nut | SG Iron |  |  |  |  |  |  |  |  |  |
| 17 | Name Plate | Aluminum |  |  |  |  |  |  |  |  |  |

**Due to continuous development Program, the design & data given in this leaflet are subject to change without prior notice.**

**ANITA ENGINEERING WORKS**



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