

# Valve Specification Sheet



MANUFACTURER : **MARS**

|                   |   |   |   |   |   |   |   |
|-------------------|---|---|---|---|---|---|---|
| VALVE TYPE        | <b>Series 90D</b> (Direct mount) Floating Ball,   |   |   |   |   |   |   |
| CLASS RATING      | <b>ANSI 300</b>   |   |   |   |   |   |   |
| BODY CONSTRUCTION | Two piece, flanged ends. ASME B16.34, ASME B16.5, ASME B16.10, API.6D, BS5351, MSS.SP55, MSS.SP25   |   |   |   |   |   |   |
| BORE              | <b>Full Bore</b>  |   |   |   |   |   |   |
| VALVE OPERATOR    | Lever operated, Lockable  |   |   |   |   |   |   |
| END CONNECTIONS   | Raised Face   |   |   |   |   |   |   |
| BODY MATERIAL     | (Casting) ASTM A352 <b>LCC</b>  |   |   |   |   |   |   |
| TRIM MATERIAL     | Ball & Stem: ASTM A276 <b>F316ss</b>  |   |   |   |   |   |   |
| SEAT MATERIAL     | <b>RPTFE</b> (Soft Seats)   |   |   |   |   |   |   |
| SEAL MATERIAL     | Graphite & 25% Glass Filled PTFE  |   |   |   |   |   |   |
| BOLTING MATERIAL  | B7M / 2HM   |   |   |   |   |   |   |
| OTHER DETAILS     | <ol style="list-style-type: none"> <li>1. Firesafe Certified According to API 607/API 6FA/ISO 10497</li> <li>2. Materials of Construction According to NACE MR-01-75</li> <li>3. Certification According to BS/EN 10204 3.1.B.</li> <li>4. Pressure Tested According to API.598</li> <li>5. Face to Face According to ASME B16.34, ASME B16.5</li> <li>6. Design According to API 6D and ANSI B16.34</li> <li>7. Manufactured under API 6D Monogram</li> <li>8. Manufactured under an ISO 9001 Certified Quality Assurance System.</li> <li>9. ISO 5211 Actuator Mounting Pad</li> <li>10. CE/PED Compliant (1.1/4" and above) SEP all others.</li> <li>11. Anti-static &amp; Anti-blow out.</li> </ol> <p><i>*Where attached, please refer to drawing for design purposes only. Materials identified on this VDS supersede those of the drawing unless otherwise stated.</i></p> |   |   |   |   |   |   |
| REVISION          | 0   | 1 | 2 | 3 | 4 | 5 | 6 |
| BY                | KRF   |   |   |   |   |   |   |
| APP'D             | BW  |   |   |   |   |   |   |
| DATE              | 13/09/13  |   |   |   |   |   |   |