

FLOAT VALVE AND FLOAT VALVE SUB

Float Valve

Float (check) valve is usually installed with float sub (long sub bored out for a specific float) and prevent fluids from backing up in your drill string while adding/removing rods. The type available of float valve as below:



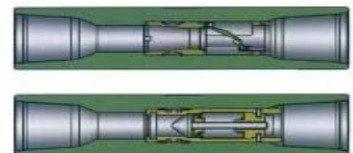
Technical Specification of Float Valve

Float Valve

| Type | Dia. of Valve Assembly mm (inch) | Length Of Valve Assembly mm(inch) | Dia. Of Float Recess mm(inch) | Sub Box | | Other Popular Connections | |
|----------|-------------------------------------|--------------------------------------|----------------------------------|----------------|-----------------------------|---------------------------|-----------------------------|
| | | | | Connection API | Depth Of Recess mm(inch) | Connection API | Depth Of Recess mm(inch) |
| JD1R | 42.1(1-21/32) | 149.2(5-7/8) | 42.9(1-11/16) | 2-3/8Reg. | 231.8(9-1/8) | NC23 | 231.8(9-1/8) |
| JD2F-3R | 61.1(2-13/32) | 165.1(6-1/2) | 61.9(2-7/16) | 3-1/2Reg. | 266.7(10-1/2) | NC31 | 260.35(10-1/4) |
| JD3-1/2F | 79.4(3-1/8) | 254(10) | 80.2(3-5/32) | | | NC38 | 362.0(14-1/4) |
| JD 4R | 88.1(3-15/32) | 211.1(8-5/16) | 88.9(3-1/2) | 4-1/2Reg. | 325.4(12-13/16) | NC44 | 331.8(13-1/16) |
| JD 5R | 98.4(3-7/8) | 247..7(9-3/4) | 99.2(3-29/32) | 5-1/2Reg. | 374.7(14-3/4) | NC50 | 368.3(14-1/2) |
| JD5F-6R | 121.4(4-25/32) | 298.5(11-3/4) | 122.2(4-13/16) | 6-5/8Reg.. | 431(17) | 5-1/2IF | 431.8(17) |

Float Valve Sub

Float valve sub is specially used to prevent blow out. Float valve sub is available with plate type float valve sub and arrow-type float valve sub.



Technical Specification of Float Valve Sub

| Type | Sub O.D (mm) | Joint thread | Valve O.D(mm) | I.D(mm) |
|------------|--------------|--------------|---------------|---------|
| JD-FVS 241 | 241.3 | 7-5/8 REG | Φ 121 | Φ 76 |
| JD-FVS 228 | 228.6 | 7-5/8 REG | Φ 121 | Φ 76 |
| JD-FVS 209 | 209.6 | 6-5/8 REG | Φ 121 | Φ 76 |
| JD-FVS 203 | 203.2 | 6-5/8 REG | Φ 121 | Φ 71 |
| JD-FVS 178 | 177.8 | 4-1/2 IF | Φ 98 | Φ 71 |

| | | | | |
|------------|-------|-----------|------|------|
| JD-FVS 165 | 165.2 | 4-1/2 REG | Φ 88 | Φ 57 |
| JD-FVS 146 | 146 | 4-1/2 REG | Φ 88 | Φ 57 |
| JD-FVS 121 | 121 | 3-1/2 REG | Φ 61 | Φ 51 |
| JD-FVS 108 | 108 | 3-1/2 REG | Φ 61 | Φ 38 |

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| Address: | No.7, Aucma Street, Laishan District, Yantai, Shandong, P.R.China 264003 |
| Tel: | +86-535-6723520 6723201 |
| Fax: | +86-535-6723171 6723272 |
| E-mail: | petroleum@jereh.com; cnjereh@gmail.com |
| Website: | Http://www.jereh-oilfield.com |