

# VALVES

WELLGROW INDUSTRIES CORP.

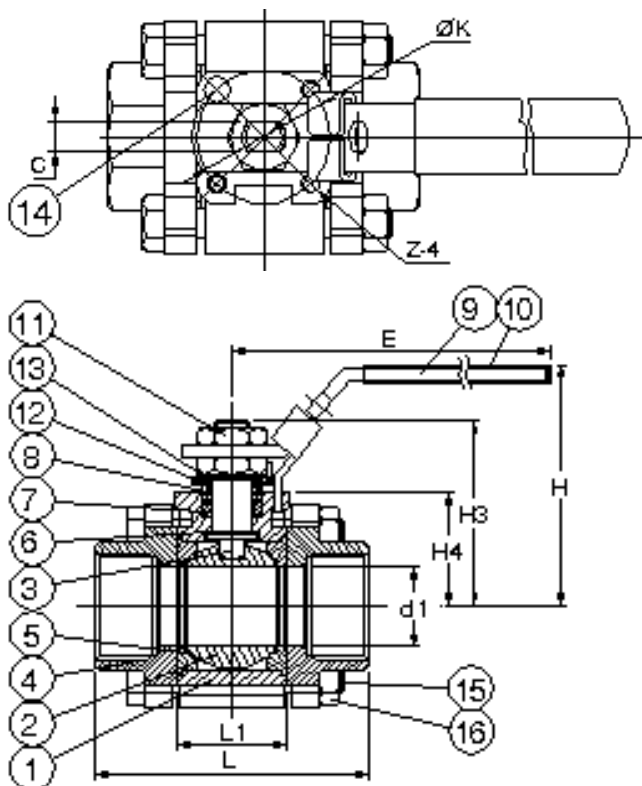
## VBM3E 3PC Ball Valve 1500/2000WOG, STD Port, ISO5211 Direct Mount

### Features

1. Thread ends conform to ASME B1.20.1 (NPT), DIN 259/ 2999 & BS 21, ISO 228/1 & ISO 7/1  
Thread Type: BSP(PF), BSPT(PT), NPT
2. Investment casting
3. Blow-out proof stem
4. Pressure: 1/2"~1-1/4" :2000WOG  
1-1/2"~2-1/2" :1500WOG  
3"~4" :1000WOG

### Options

1. Carbon/ Stainless steel body construction
2. Locking device is available if requested



### Material List

| NO. | PART NAME         | MATERIAL |
|-----|-------------------|----------|
| 1   | BODY              | SS316    |
| 2   | BALL              | SS316    |
| 3   | STEM              | SS316    |
| 4   | END CAP           | SS316    |
| 5   | SEAT              | PTFE     |
| 6   | THRUST WASHER     | PTFE     |
| 7   | STEM PACKING      | PTFE     |
| 8   | GLAND             | SS304    |
| 9   | HANDLE            | SS304    |
| 10  | HANDLE COVER      | PLASTIC  |
| 11  | HANDLE NUT        | SS304    |
| 12  | BELLEVILLE WASHER | SS301    |
| 13  | TAB WASHER        | SS304    |
| 14  | STOP PIN          | SS304    |
| 15  | BODY BOLT         | SS304    |
| 16  | BOLT NUT          | SS304    |

### Dimension

| SIZE   | d1   | L     | E     | H     | H3   | H4   | C    | ØK   | Z-4     | L1   |
|--------|------|-------|-------|-------|------|------|------|------|---------|------|
| 1/2"   | 12.5 | 57.5  | 102.0 | 64.0  | 46.9 | 31.6 | 5.0  | 36.0 | M5xP0.8 | 22.5 |
| 3/4"   | 15.0 | 69.4  | 102.0 | 64.0  | 46.9 | 31.6 | 5.0  | 36.0 | M5xP0.8 | 22.5 |
| 1"     | 20.0 | 77.5  | 102.0 | 67.0  | 50.2 | 33.8 | 5.0  | 36.0 | M5xP0.8 | 27.5 |
| 1-1/4" | 25.0 | 86.0  | 145.0 | 76.0  | 56.0 | 35.5 | 8.0  | 42.0 | M5xP0.8 | 34.0 |
| 1-1/2" | 32.0 | 99.5  | 145.0 | 80.0  | 61.3 | 40.3 | 8.0  | 42.0 | M5xP0.8 | 42.5 |
| 2"     | 38.0 | 112.6 | 162.0 | 92.0  | 75.0 | 46.5 | 10.0 | 50.0 | M6xP1.0 | 52.0 |
| 2-1/2" | 50.0 | 128.6 | 162.0 | 101.0 | 83.0 | 55.5 | 10.0 | 50.0 | M6xP1.0 | 63.5 |

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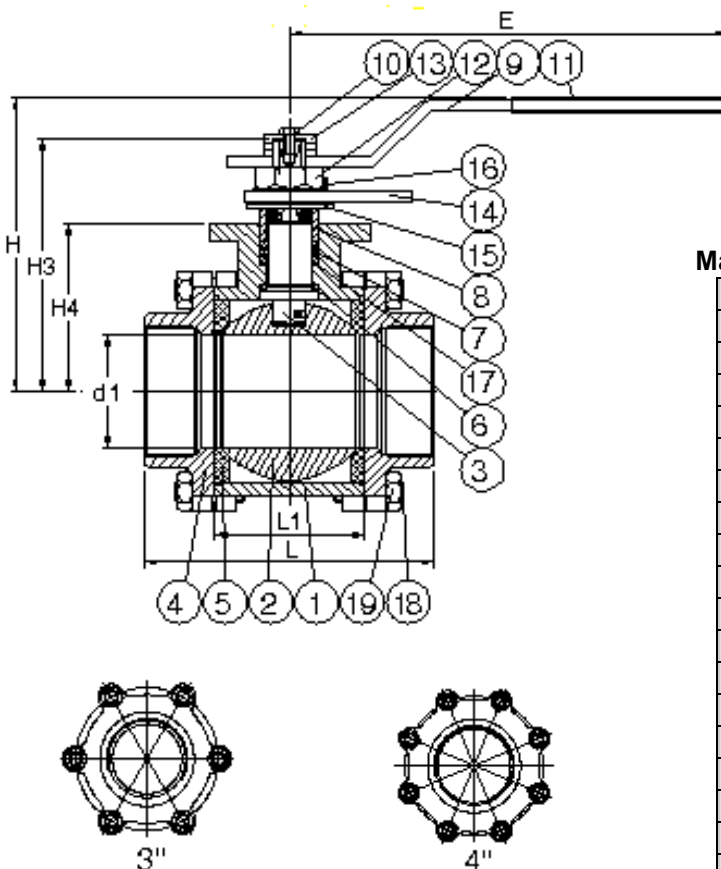
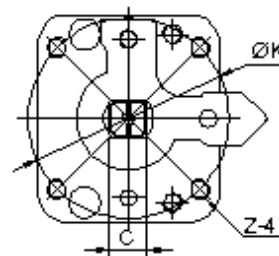
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| 3   | STEM              | SS316     |
| 4   | END CAP           | SS316     |
| 5   | SEAT              | PTFE      |
| 6   | THRUST WASHER     | PTFE      |
| 7   | STEM PACKING      | NRG       |
| 8   | GLAND BUSH        | SS304     |
| 9   | HANDLE            | SS304     |
| 10  | STE SCREW         | SS304     |
| 11  | HANDLE COVER      | PLASTIC   |
| 12  | STEM NUT          | SS301     |
| 13  | HANDLE WASHER     | SS304     |
| 14  | STOP PLATE        | SS304     |
| 15  | BELLEVILLE WASHER | SS304-CSP |
| 16  | TAB WASHER        | SS304     |
| 17  | PACKING FOLLOWER  | SS304     |
| 18  | BODY BOLT         | SS304     |
| 19  | BOLT NUT          | SS304     |

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|------|------|-------|-------|-------|-------|-------|------|-------|----------|-------|
| 3"   | 65.0 | 180.0 | 265.0 | 168.0 | 144.0 | 96.0  | 18.9 | 102.0 | M10Xp1.5 | 102.0 |
| 4"   | 80.0 | 206.0 | 265.0 | 176.6 | 152.6 | 104.5 | 18.9 | 102.0 | M10xP1.5 | 128.5 |