



MATERIAL LIST

| NO. | PART NAME | MATERIAL |
|-----|---------------|------------------|
| 1 | BODY | EN10213-2 1.4408 |
| 2 | CAP | EN10213-2 1.4408 |
| 3 | BODY SEAL | GRAFOIL+SS316 |
| 4 | SEAT | PTFE+15%GF |
| 5 | BALL | CR8M |
| 6 | THRUST WASHER | PTFE+GRAFOIL |
| 7 | STEM BUSHING | PTFE |
| 8 | STEM | SS 316 |
| 9 | PACKING | PTFE+GRAFOIL |
| 10 | BEARING | PTFE |
| 11 | GLAND | SS 304 |
| 12 | BOLT | SS 304 |
| 13 | HANDLE | FCD45 |
| 14 | C-RING | SS 304 |
| 15 | STOPPER | SS 304 |
| 16 | NUT | Gr.8 |
| 17 | STUD | B8 |

DIMENSIONS

| Valve Size | A | B | C | D | E | F | | H | HI | I | J | K | L | W | øM-N |
|------------|------|------|-------|-------|-----|------|------|-------|------|-------|------|----|-------|------|-------|
| | | | | | | PN16 | PN40 | | | | | | | | |
| DN15 | 15.0 | 45.0 | 65.0 | 95.0 | 2.0 | 14.0 | 16.0 | 65.7 | 22.7 | 130.0 | 42.0 | M6 | 115.0 | 11.0 | ø14-4 |
| DN20 | 20.0 | 54.0 | 75.0 | 105.0 | 2.0 | 16.0 | 18.0 | 68.2 | 22.5 | 130.0 | 42.0 | M6 | 120.0 | 11.0 | ø14-4 |
| DN25 | 25.0 | 65.0 | 85.0 | 115.0 | 2.0 | 16.0 | 18.0 | 80.6 | 29.3 | 160.0 | 50.0 | M6 | 125.0 | 14.0 | ø14-4 |
| DN32 | 32.0 | 76.0 | 100.0 | 140.0 | 2.0 | 16.0 | 18.0 | 86.5 | 29.3 | 160.0 | 50.0 | M6 | 130.0 | 14.0 | ø18-4 |
| DN40 | 38.0 | 82.0 | 110.0 | 150.0 | 2.0 | 16.0 | 18.0 | 108.9 | 38.4 | 200.0 | 70.0 | M8 | 140.0 | 17.0 | ø18-4 |
| DN50 | 50.0 | 97.0 | 125.0 | 165.0 | 2.0 | 18.0 | 20.0 | 116.5 | 38.4 | 200.0 | 70.0 | M8 | 150.0 | 17.0 | ø18-4 |

| REV | DATE | DESCRIPTION | CODE | REVISER | REMARKS | DIN | MATERIAL | APPROVE | CHECK | REV | F | | |
|-----|------|-------------|------|---------|---------|---------|----------|---------|--------|-------|----|----------|-----------------------------|
| | | | | | | PN10-40 | | SCALE | FREEE | UNIT | mm | DRAWN BY | P e g g y |
| | | | | | | Flanged | | PART NO | AF-52F | | | DATE | 2002.11.18 |
| | | | | | | Ball | OTHER | DWG NO | AF-52F | TITLE | | Q'TY | |
| | | | | | | DN15-50 | | | | | | | 2-PC FLANGED END BALL VALVE |