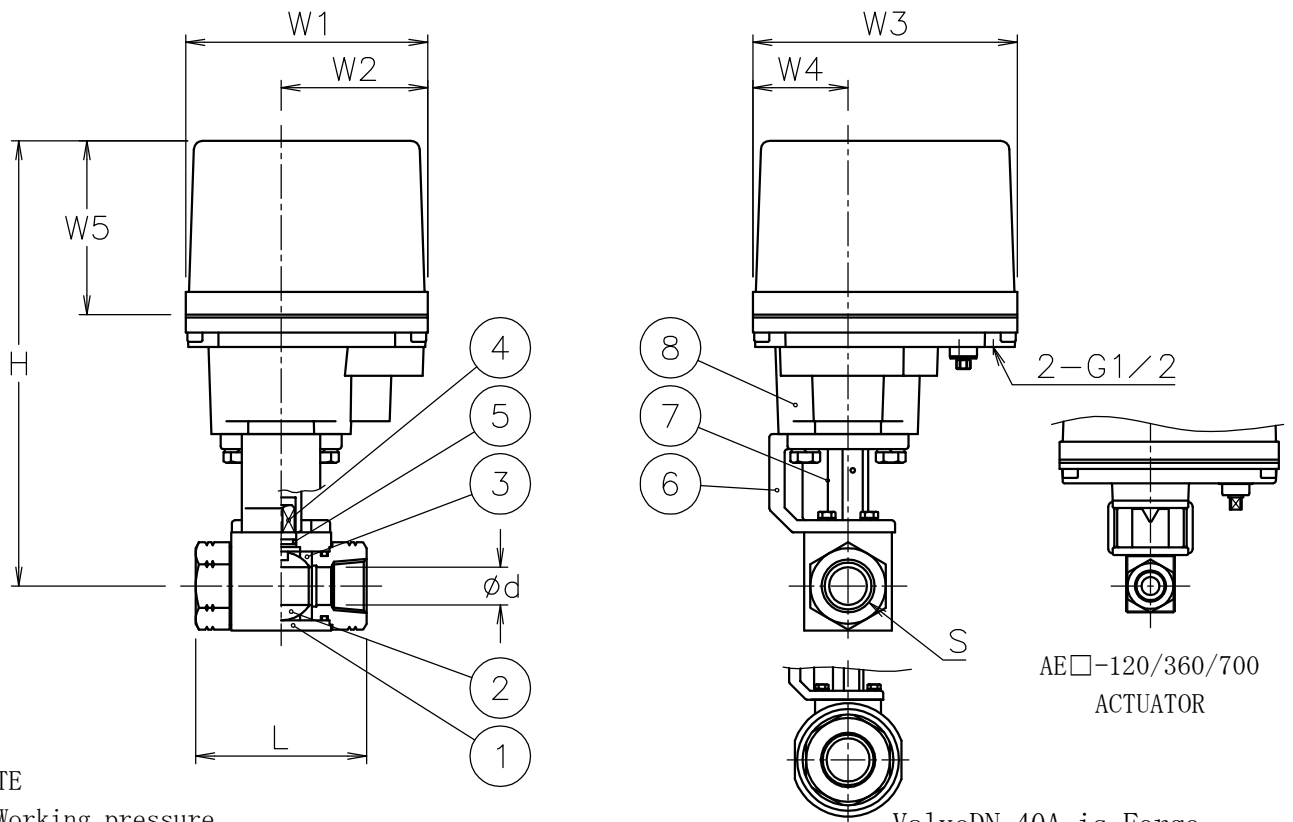


| Valve DN | S | d | L | W1 | W2 | W3 | W4 | W5 | H | Weight (kg) | Cv | ACTUATOR | | Sizing code |
|----------|---------|----|-----|-----|----|-----|----|-----|-----|-------------|-----|----------|---------|-------------|
| 8 A | Rc 1/4 | 10 | 72 | 122 | 60 | 145 | 60 | 102 | 186 | 2.8 | 2 | AE1-120 | AE2-120 | 0 |
| | | | | | | | | | | 3.4 | | AE1-360 | AE2-360 | 2 |
| 10 A | Rc 3/8 | 10 | 72 | 122 | 60 | 145 | 60 | 102 | 186 | 2.8 | 7 | AE1-120 | AE2-120 | 1 |
| | | | | | | | | | | 3.4 | | AE1-360 | AE2-360 | 0 |
| 15 A | Rc 1/2 | 13 | 83 | 122 | 60 | 145 | 60 | 102 | 186 | 12 | 3.6 | AE1-360 | AE2-360 | 0 |
| | | | | | | | | | 202 | | | 3.6 | AE1-700 | AE2-700 |
| 20 A | Rc 3/4 | 20 | 95 | 122 | 60 | 145 | 60 | 102 | 198 | 36 | 5.1 | AE1-360 | AE2-360 | 1 |
| | | | | | | | | | 214 | | | 5.1 | AE1-700 | AE2-700 |
| | | | | 160 | 97 | 175 | 63 | 115 | 292 | | | 11 | AE1-02K | AE2-02K |
| 25 A | Rc 1 | 25 | 113 | 122 | 60 | 145 | 60 | 102 | 225 | 60 | 5.3 | AE1-700 | AE2-700 | 0 |
| | | | | 160 | 97 | 175 | 63 | 115 | 295 | | | 11 | AE1-02K | AE2-02K |
| 40 A | Rc1 1/2 | 38 | 130 | 160 | 97 | 175 | 63 | 115 | 312 | 13.5 | 160 | AE1-02K | AE2-02K | 0 |



NOTE

• Working pressure

008A~015A 31.5 MPa

020A 30.0 MPa

025A 25.0 MPa

(a) Joint material: SCS13 for AE□-02K


(b) ALUMINUM ALLOY DIECAST COVER

Attachment

• Cable gland (nylon), G 1/2, for $\phi 6\sim 12$ cable

• Plug

| 8 | ACTUATOR | | 1 | (b) |
|----|-------------|-----------|--------|-----------|
| 7 | JOINT | SUS304 | 1 | (a) |
| 6 | BRACKET | SCS13 | 1 | |
| 5 | O' RING | FKM | 1 | |
| 4 | STEM | SUS316Ti | 1 | |
| 3 | SEAT | POM | 2 | |
| 2 | BALL | SUS316Ti | 1 | Ep-Fe/HCr |
| 1 | BODY | SUS316Ti | 1 | |
| No | DESCRIPTION | MATERIALS | REQ' D | REMARKS |

| | | | | | | | | | |
|-----------|------|----|---------|-----------|--|--|-------------|---------|--------------|
| | | | APPR' D | H. F | TITLE | Threaded End Rc ValveDN: 8~40 A H type high pressure electric actuated ball valve | | | |
| | | | CHK' D | B. Z | | MODEL | AE1H-**5UUD | | AE2H-**5UUD |
| | | | DESIGN | | SCALE | | NON | DWG No. | H-5UUD-AE7-E |
| | | | DRAWN | S. O | | | | | |
| | | | DATE | '04-09-02 | | | | | |
| MARK | DATE | BY | | |  NIPPON VALVE CONTROLS, INC. | | | | |
| REVISIONS | | | | | | | | | |