

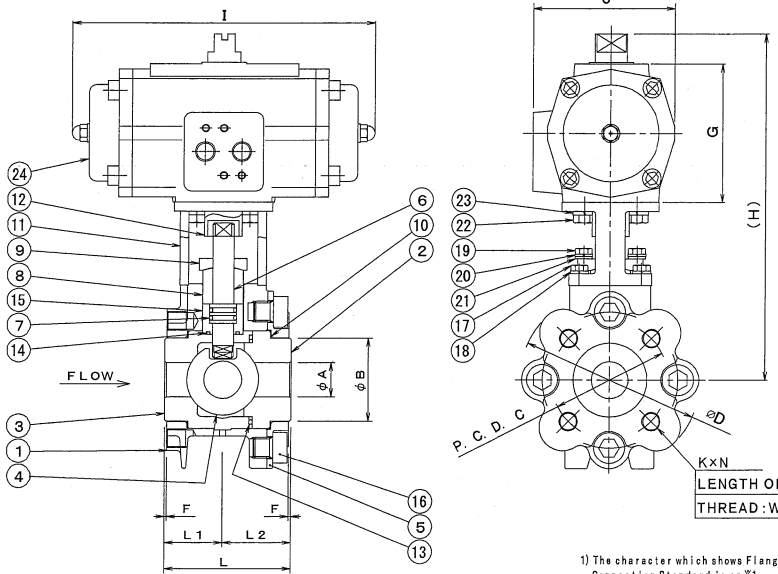
|               |        |   |      |                   |        |   |                   |        |   |
|---------------|--------|---|------|-------------------|--------|---|-------------------|--------|---|
| 26 BALL CHAIN | SUS304 | 1 | φ3.2 | 23 SPRING WASHERS | SUS304 | 4 | 20 SPRING WASHERS | SUS304 | 2 |
| 27 CONNECTER  | SUS304 | 1 |      | 24 ACTUATOR       | -      | 1 | 21 WASHERS        | SUS304 | 2 |
|               |        |   |      | 25 NAME PLATE     | SUS304 | 1 | 22 HEXAGON BOLT   | SUS304 | 4 |

| REVISION |      |                     |         |       |
|----------|------|---------------------|---------|-------|
| REV. NO. | DATE | REVISED DESCRIPTION | REVISED | APPD. |

SAMPLE

| REMARK |                |                 |     |                                |
|--------|----------------|-----------------|-----|--------------------------------|
| 19     | HEXAGON BOLT   | SUS304          | 2   |                                |
| 18     | SPRING WASHERS | SUS304          | 4   |                                |
| 17     | HEXAGON BOLT   | SUS304          | 4   |                                |
| 16     | CAP BOLT       | SUS304          | 4~8 |                                |
| 15     | O RING         | FKM             | 2   |                                |
| 14     | O RING         | FKM             | 1   |                                |
| 13     | O RING         | FKM             | 1   |                                |
| 12     | JOINT          | SUS304          | 1   |                                |
| 11     | YOKE           | SCS13           | 1   |                                |
| 10     | SHEET PACKING  | PTFE            | 1   |                                |
| 9      | GLAND FLANGE   | SCS13 or SUS304 | 1   |                                |
| 8      | GLAND BUSH     | C-PTFE          | 1   |                                |
| 7      | PACKING BOX    | C-PTFE          | 1   |                                |
| 6      | STEM           | NO6022          | 1   | HASTELLOY C-22                 |
| 5      | FLANGE         | SCS13           | 1   |                                |
| 4      | CYLINDER       | SCS13           | 1   |                                |
| 3      | BALL           | CERAMICS        | 1   | AL <sub>2</sub> O <sub>3</sub> |
| 2      | SOCKET         | CERAMICS        | 1   | AL <sub>2</sub> O <sub>3</sub> |
| 1      | BODY           | CERAMICS        | 1   | AL <sub>2</sub> O <sub>3</sub> |

| MATERIAL LIST                     |   |             |  |     |
|-----------------------------------|---|-------------|--|-----|
| DATE                              | 10.16.08  | TEST PRESS. |  |     |
| SCALE                             | FREE  | ITEM        |  |     |
| APPD.                             |   | SHELL       |  |     |
| CHKD.                             |   | SEAT        |  |     |
| DESIGN                            | 71. Pass  | BACKSEAT    |  |     |
| DRG NO.                           | C24513E   | SEAL        |  |     |
| RECIPIENT                         |   |             |  |     |
| MODEL NO.                         | CBV3R-S※1F~O-O-FKK TYPE                             |             |  |     |
| TRADEMARK OR MODEL NAME           | COSMIX®   |             |  |     |
| NAME                              | FINE CERAMICS SINGLE ACTION ON-OFF TYPE BALL VALVES |             |  |     |
| DRG NO.                           | C24513E   | REMARK      |  | △ O |
| Fujikin Incorporated<br>株式会社 フジキン |   |             |  |     |



1) The character which shows Flange Connection Standard is on X.  
( J: JIS10K  
A: ANSI 150  
D: DIN PN 10 )

| SIZE |       | JIS 10K |     |     |       |       |       |     |     |     |     |       |     |   |     |    |       | ANSI 150 |         |    |     | DIN PN10 |     |    |                     | 品番 |
|------|-------|---------|-----|-----|-------|-------|-------|-----|-----|-----|-----|-------|-----|---|-----|----|-------|----------|---------|----|-----|----------|-----|----|---------------------|----|
| A呼称  | B呼称   | A       | B   | D   | L     | L1    | L2    | F   | G   | H   | I   | J     | C   | K | N   | W  | C     | K        | N       | W  | C   | K        | N   | W  |                     |    |
| 25   | 1     | 23      | 56  | 125 | 85    | 39    | 46    | 1.5 | 93  | 233 | 204 | 96    | 90  | 4 | M16 | 13 | 79.3  | 4        | UNC 1/2 | 13 | 85  | 4        | M12 | 13 | CBV3R-S※1F-O24-FKK  |    |
| 40   | 1 1/2 | 36      | 76  | 140 | 111   | 50    | 61    | 1.5 | 118 | 273 | 267 | 117   | 105 | 4 | M16 | 18 | 98.6  | 4        | UNC 1/2 | 16 | 110 | 4        | M16 | 16 | CBV3R-S※1H-O55-FKK  |    |
| 50   | 2     | 44      | 94  | 155 | 120   | 57    | 63    | 1.5 | 118 | 280 | 267 | 117   | 120 | 4 | M16 | 18 | 120.7 | 4        | UNC 5/8 | 16 | 125 | 4        | M16 | 16 | CBV3R-S※1I-O90-FKK  |    |
| 65   | 2 1/2 | 56      | 104 | 175 | 140   | 67    | 73    | 1.5 | 143 | 326 | 360 | 137   | 140 | 4 | M16 | 16 | 140   | 4        | UNC 5/8 | 16 | 145 | 4        | M16 | 16 | CBV3R-S※1J-O130-FKK |    |
| 80   | 3     | 72      | 124 | 199 | 164.5 | 80    | 84.5  | 1.5 | 143 | 343 | 360 | 137   | 150 | 8 | M16 | 16 | 152.4 | 4        | UNC 5/8 | 16 | 160 | 8        | M16 | 16 | CBV3R-S※1K-O195-FKK |    |
| 100  | 4     | 89      | 148 | 229 | 193.5 | 95    | 98.5  | 1.5 | 181 | 401 | 387 | 181.5 | 175 | 8 | M16 | 16 | 190.5 | 8        | UNC 5/8 | 16 | 180 | 8        | M16 | 16 | CBV3R-S※1M-O340-FKK |    |
| 150  | 6     | 134     | 212 | 310 | 250   | 121.5 | 128.5 | 2.5 | 259 | 549 | 517 | 241.5 | 240 | 8 | M20 | 19 | 241.3 | 8        | UNC 3/4 | 19 | 240 | 8        | M20 | 19 | CBV3R-S※1O-0750-FKK |    |

| CAREER | CONTRAST TABLE |  | NOMINAL SIZE (A) |      |      |      |      |      |      |      |      |      |      |       |       |       |       |       | NOMINAL SIZE (B) |     |     |     |   |       |       |   |       |   |       |   |   |   |   |    | UNIT(mm) | THE THIRD ANGLE |
|--------|----------------|--|------------------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|------------------|-----|-----|-----|---|-------|-------|---|-------|---|-------|---|---|---|---|----|----------|-----------------|
|        |                |  | 6                | 8    | 10   | 15   | 20   | 25   | 32   | 40   | 50   | 65   | 80   | 90    | 100   | 125   | 150   | 200   | 250              | 3/8 | 1/2 | 3/4 | 1 | 1 1/4 | 1 1/2 | 2 | 2 1/2 | 3 | 3 1/2 | 4 | 5 | 6 | 8 | 10 |          |                 |
|        |                |  | 10.5             | 13.8 | 17.3 | 21.7 | 27.2 | 34.0 | 42.7 | 48.6 | 60.5 | 76.3 | 88.1 | 101.8 | 114.3 | 139.6 | 165.2 | 216.3 | 287.4            |     |     |     |   |       |       |   |       |   |       |   |   |   |   |    |          |                 |

(UNIT: mm)

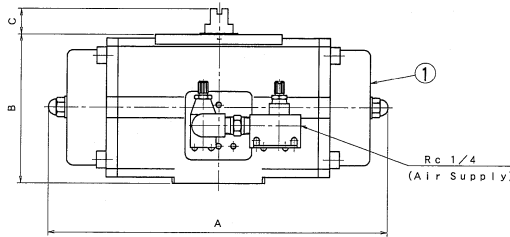
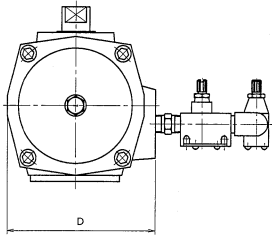
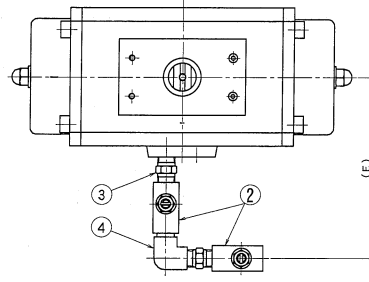
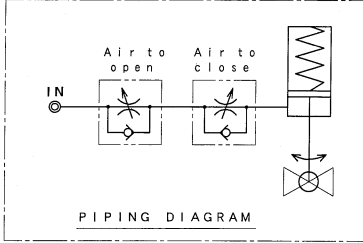
| SIZE |       | A   | B   | C  | D     | E   | ITEM No.    |
|------|-------|-----|-----|----|-------|-----|-------------|
| MM   | Inch  |     |     |    |       |     |             |
| 15   | 1/2   | 172 | 80  | 20 | 83    | 126 | CBV3-SD-FKM |
| 20   | 3/4   | 204 | 93  | 20 | 96    | 133 | CBV3-SE-FKM |
| 25   | 1     | 204 | 93  | 20 | 96    | 133 | CBV3-SF-FKM |
| 40   | 1 1/2 | 267 | 116 | 20 | 117   | 143 | CBV3-SH-FKM |
| 50   | 2     | 267 | 116 | 20 | 117   | 143 | CBV3-SI-FKM |
| 65   | 2 1/2 | 360 | 143 | 20 | 137   | 153 | CBV3-SJ-FKM |
| 80   | 3     | 360 | 143 | 20 | 137   | 153 | CBV3-SK-FKM |
| 100  | 4     | 387 | 181 | 20 | 181.5 | 175 | CBV3-SM-FKM |
| 150  | 6     | 517 | 259 | 30 | 241.5 | 206 | CBV3-SO-FKM |

SAMPLE

| REVISION  |      |          |                |
|-----------|------|----------|----------------|
| REV. MARK | DATE | CONTENTS | REVISION APPD. |
| 日付        | 改訂内容 | 改訂承認     |                |
| △         |      |          |                |
| △         |      |          |                |
| △         |      |          |                |

REMARK  
備考

NOTE  
1. OPENING AND CLOSING SPEED OF ACTUATOR  
(FULL OPEN TO FULL CLOSE OR OPPOSITE OPERATION)  
SHALL BE ADJUSTED AT RANGE OF 10 TO 15 SEC.  
WITH SPEED CONTROLLER.



|    |                  |                    |   |                |
|----|------------------|--------------------|---|----------------|
| 15 |                  |                    |   |                |
| 14 |                  |                    |   |                |
| 13 |                  |                    |   |                |
| 12 |                  |                    |   |                |
| 11 |                  |                    |   |                |
| 10 |                  |                    |   |                |
| 9  |                  |                    |   |                |
| 8  |                  |                    |   |                |
| 7  |                  |                    |   |                |
| 6  |                  |                    |   |                |
| 5  |                  |                    |   |                |
| 4  | ELBOW JOINT      | SUS304<br>of SCS13 | 1 |                |
| 3  | JOINT            | SUS304<br>or SCS13 | 2 |                |
| 2  | SPEED CONTROLLER |                    | 2 | SMC: AS2000-02 |
| 1  | ACTUATOR         |                    | 1 | ELOMATIC       |

| MATERIAL LIST |               |          |     |        |           |
|---------------|---------------|----------|-----|--------|-----------|
| PART NO.      | NAME OF PARTS | MATERIAL | QTY | REMARK | G. T. NO. |
| 片番            | 部品名           | 材質       | 数量  | 備考     |           |

| 材 料 表         |           |     |       |
|---------------|-----------|-----|-------|
| DATE          | SCALE     | MPa | HYDRO |
| 日付            | 尺 度       | 耐 圧 | 水 圧   |
| 10.16.08      | FREE      |     |       |
| APPD.         | SEAT      |     |       |
| 承認 K. Oishi   | 座 垫       |     |       |
| CHKD.         | BACK SEAT |     |       |
| 檢 査 H. Masuda | 背 座 垫     |     |       |
| DESIGN        | SEAL      |     |       |
| 設 計 H. Naou   | 氣 密       |     |       |

|                 |   |
|-----------------|---|
| RECIPIENT       | 納入先   |
| ITEM NO.        | 品番  |
| TRADEMARK OR 商標 | CBV3-SD-σ-FKM TYPE                              |
| TRADE NAME 商品名  |   |
| NAME 名称         | SPRING BACK TYPE ACTUATOR WITH SPEED CONTROLLER |
| DRG. NO. 図番     | C24374E   |
| REMARK 改訂       | 0   |

| CAREER | 呼び番号  | 呼び径 (A呼び) | 6    | 8    | 10   | 15   | 20    | 25    | 32   | 40    | 50   | 65    | 80    | 90    | 100   | 125   | 150   | 175   | 200   | 225   | 250 | UNIT (mm) | THE THIRD ANGLE | TYPE | 803/cbv3/c24374e | CAB. NO. |
|--------|-------|-----------|------|------|------|------|-------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|-----------------|------|------------------|----------|
| 来 歴    | 対 比 表 | 呼び径 (B呼び) | 3/8  | 1/2  | 3/4  | 1    | 1 1/4 | 1 1/2 | 2    | 2 1/2 | 3    | 3 1/2 | 4     | 5     | 6     | (7)   | 8     | (9)   | 10    |       |     |           | 第三角法            | 型 式  |                  |          |
|        |       | 鋼管外径 (mm) | 10.5 | 13.8 | 17.3 | 21.7 | 28.4  | 36.0  | 44.2 | 54.8  | 68.0 | 85.0  | 100.6 | 114.3 | 139.8 | 165.2 | 190.7 | 216.3 | 241.8 | 267.4 |     |           |                 |      |                  |          |