



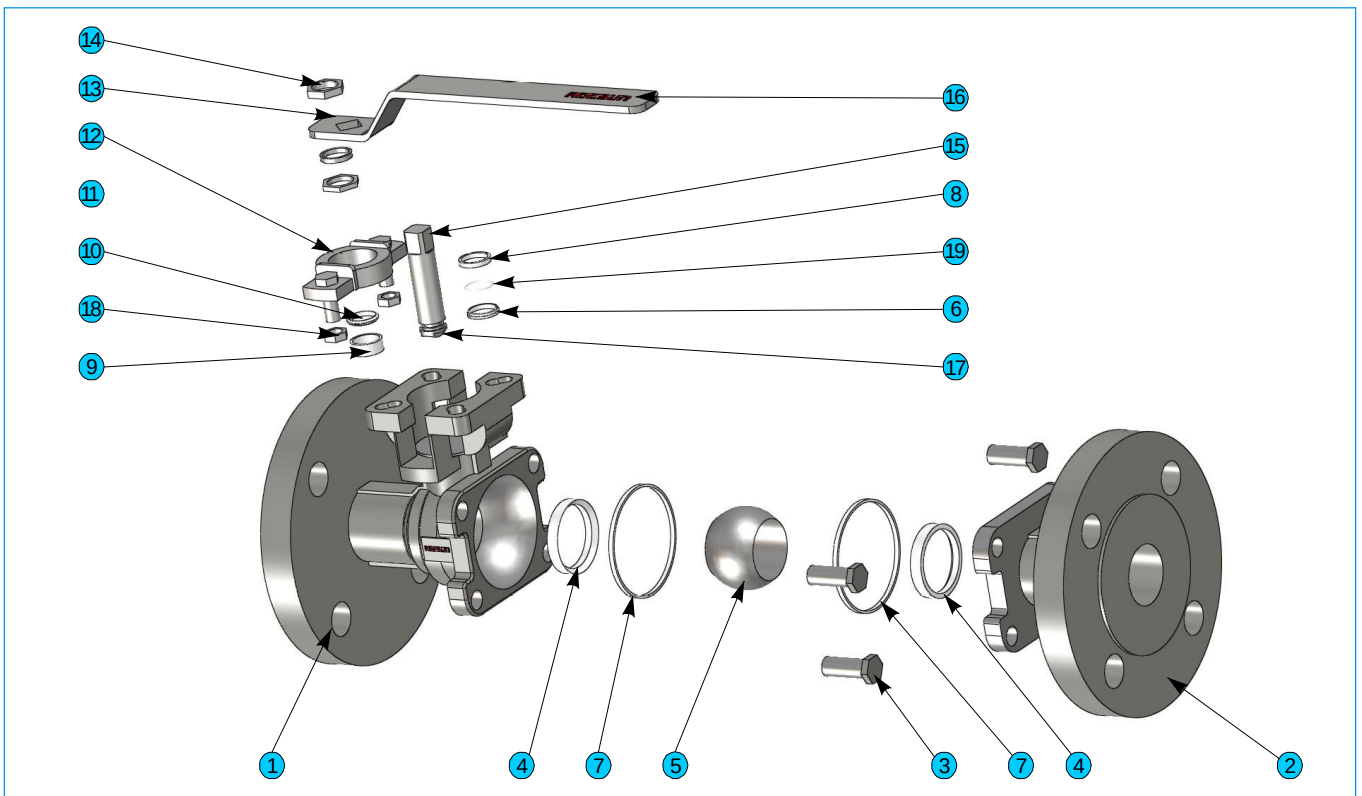
两片式, 法兰端, 高平台, 全流量球阀  
Two pieces, Flange, ISO5211 pad direct, full bore ball valve

#### 标准规范 STANDARD SPECIFICATION

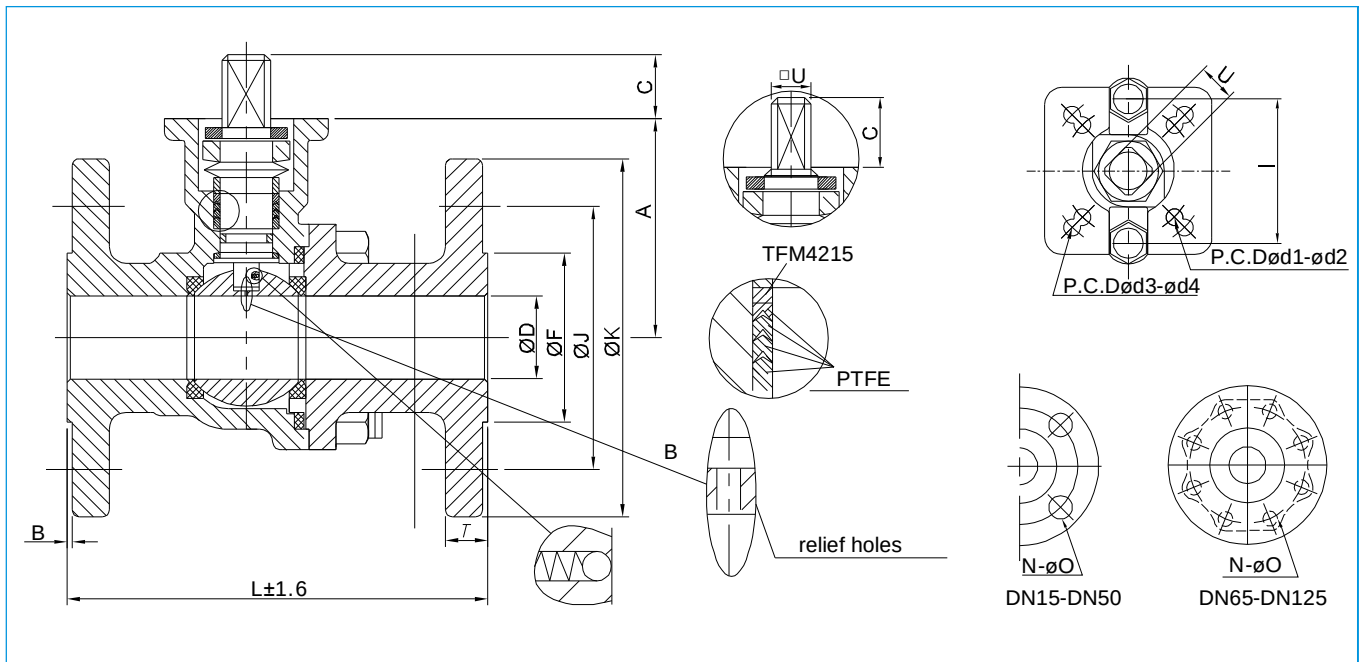
- ★设计规范 Design: GB/T12224 GB/T12237 ASME B16.34 API608
- ★结构长度 Face to Face: GB/T12221 ASME 16.10
- ★法兰接端 End Flange: GB/T9113.1 ASME 16.5
- ★检验与测试 Inspection and Testing: GB/T13927, API598 API6D

#### 设计特性 DESIGN FEATURES

- ★采用ISO 5211直接安装执行器的平台设计  
Built-in ISO 5211 Direct Mounting Pad and Square Stem for Easy Automation
- ★阀杆与阀体之间带防静电装置 Anti Static Devices for Ball-stem-body
- ★阀杆防爆出设计 Blow-out Proof Stem
- ★阀体防火设计 Fire Protection Design



| 序号<br>NO. | 零件名称 PART NAME  | 材质 MATERIAL |         |     | 序号<br>NO. | 零件名称 PART NAME                 | 材质 MATERIAL |     |  |
|-----------|-----------------|-------------|---------|-----|-----------|--------------------------------|-------------|-----|--|
| 1         | 阀体 BODY         | CF8M        | CF8     | WCB | 11        | 牛腩 BONNET                      | CF8         |     |  |
| 2         | 阀盖 CAP          | CF8M        | CF8     | WCB | 12        | 牛腩挡片 BONNET STOPPER            | CF8         |     |  |
| 3         | 固定螺丝 HEX BOLT   | A193-B8     | A193-B7 |     | 13        | 把手 HANDLE                      | CF8         |     |  |
| 4         | 球垫 SEAT         | PTFE        |         |     | 14        | 把手螺帽 HANDLE NUT                | A194-8      |     |  |
| 5         | 钢球 BALL         | SUS316      | SUS304  |     | 15        | 中轴 STEM                        | CF8M        | CF8 |  |
| 6         | 小薄片 (L)         | PTFE        |         |     | 16        | 把手胶套 COVER                     | PLASTIC     |     |  |
| 7         | 大薄片 GASKET      | PTFE        |         |     | 17        | 静电珠 ANTI STATIC                | CF8M        | CF8 |  |
| 8         | 中口 STEM PACKING | PTFE        |         |     | 18        | 牛腩螺丝+螺母<br>BONNET BOLT AND NUT | CF8         |     |  |
| 9         | 环套 GLAND        | CF8         |         |     | 19        | O型圈 O-RING                     | FKM         |     |  |
| 10        | 笠华司 DISC SPRING | SUS301      |         |     |           |                                |             |     |  |



国标法兰 (PN16-PN40) 外形尺寸 GB Flange (PN16-PN40) Dimensions

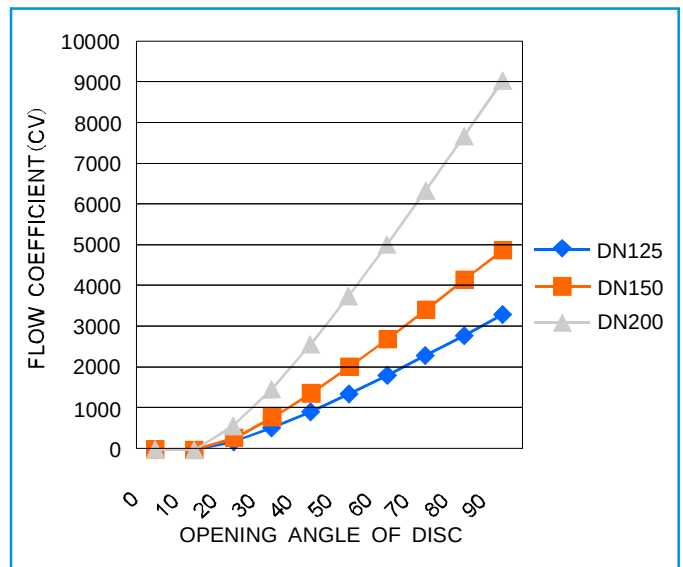
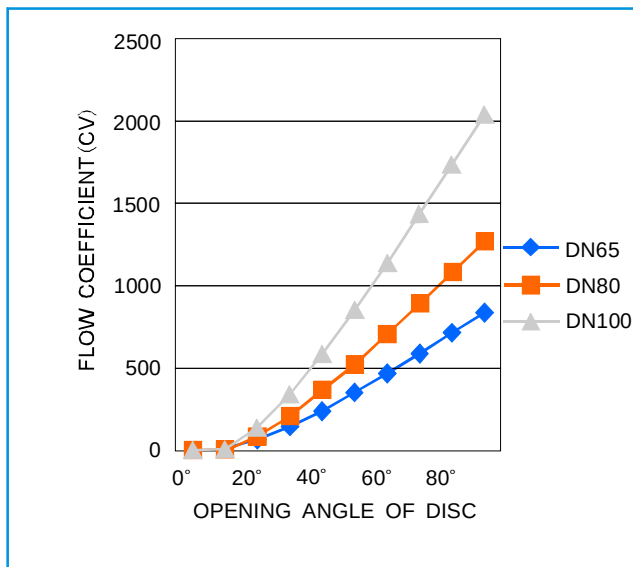
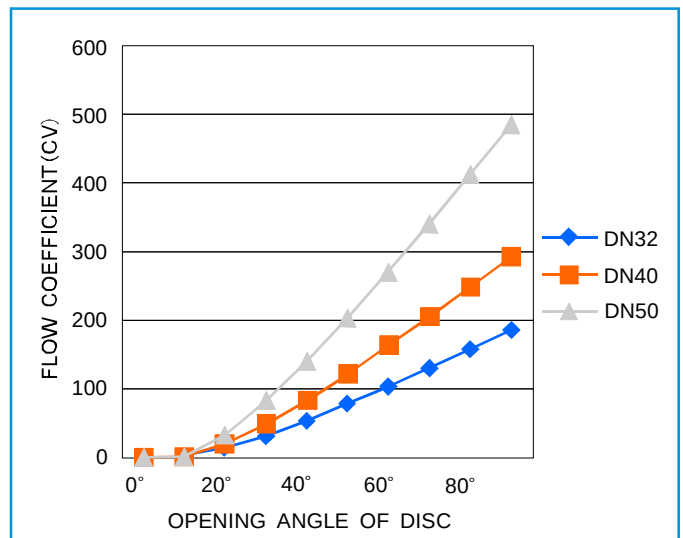
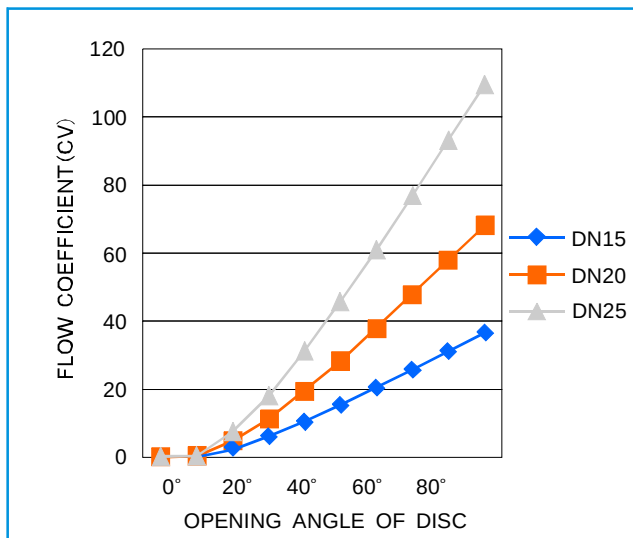
| 尺寸    | PN    | ØD  | L   | ØF  | ØJ  | K   | T  | C  | A     | ISO 5211 | N  | Øh | E   | B    |
|-------|-------|-----|-----|-----|-----|-----|----|----|-------|----------|----|----|-----|------|
| DN15  | 16/40 | 15  | 130 | 46  | 65  | 95  | 14 | 9  | 49    | F03/F05  | 4  | 14 | 97  | 29   |
| DN20  | 16/40 | 20  | 130 | 56  | 75  | 105 | 16 | 9  | 54    | F03/F05  | 4  | 14 | 97  | 29   |
| DN25  | 16/40 | 25  | 140 | 65  | 85  | 115 | 16 | 10 | 58.5  | F04/F05  | 4  | 14 | 142 | 49.5 |
| DN32  | 16/40 | 32  | 165 | 76  | 100 | 140 | 18 | 10 | 71    | F04/F05  | 4  | 18 | 142 | 38   |
| DN40  | 16/40 | 38  | 165 | 84  | 110 | 150 | 18 | 14 | 77.5  | F05/F07  | 4  | 18 | 190 | 39.2 |
| DN50  | 16/40 | 50  | 203 | 99  | 125 | 165 | 20 | 14 | 85.8  | F05/F07  | 4  | 18 | 190 | 40.2 |
| DN65  | 16    | 64  | 222 | 118 | 145 | 185 | 20 | 17 | 113.8 | F07/F10  | 4  | 18 | 350 | 59   |
|       | 40    |     |     |     |     |     | 22 |    |       |          | 8  |    |     |      |
| DN80  | 16    | 76  | 241 | 132 | 160 | 200 | 20 | 17 | 122   | F07/F10  | 8  | 18 | 350 | 60   |
|       | 40    |     |     |     |     |     | 24 |    |       |          |    |    |     |      |
| DN100 | 16    | 100 | 305 | 156 | 180 | 220 | 22 | 17 | 138   | F07/F10  | 8  | 22 | 350 | 60   |
|       | 40    |     |     |     | 190 | 235 | 24 |    |       |          |    |    |     |      |
| DN125 | 16    | 125 | 356 | 184 | 210 | 250 | 22 | 22 | 164   | F10/F12  | 8  | 18 | -   | -    |
|       | 40    |     |     |     | 220 | 270 | 26 |    |       |          |    | 26 |     |      |
| DN150 | 16    | 150 | 394 | 211 | 240 | 285 | 24 | 27 | 204   | F10/F12  | 8  | 22 | -   | -    |
|       | 40    |     |     |     | 250 | 300 | 28 |    |       |          |    | 26 |     |      |
| DN200 | 16    | 200 | 457 | 266 | 295 | 340 | 24 | 27 | 255.5 | F10/F12  | 12 | 22 | -   | -    |
|       | 40    |     |     | 284 | 320 | 375 | 34 |    |       |          |    | 30 |     |      |

美标 150LB 外形尺寸 ANSI 150 Dimensions

| 尺寸    | PN    | øD  | L   | øF    | øJ    | K     | T    | C    | A     | ISO 5211 | N | øh   | E   | B    |
|-------|-------|-----|-----|-------|-------|-------|------|------|-------|----------|---|------|-----|------|
| DN15  | 150LB | 15  | 108 | 34.9  | 60.3  | 88.9  | 9.6  | 8    | 49    | F03/F05  | 4 | 15.9 | 97  | 29   |
| DN20  | 150LB | 20  | 117 | 42.9  | 69.8  | 98.4  | 10.5 | 8    | 54    | F03/F05  | 4 | 15.9 | 97  | 29   |
| DN25  | 150LB | 25  | 127 | 50.8  | 79.4  | 107.9 | 11.2 | 11   | 64.5  | F04/F05  | 4 | 15.9 | 142 | 49.5 |
| DN32  | 150LB | 32  | 140 | 63.5  | 88.9  | 117.5 | 12.8 | 11   | 71    | F04/F05  | 4 | 15.9 | 142 | 38   |
| DN40  | 150LB | 38  | 165 | 73    | 98.4  | 127   | 14.3 | 13.5 | 77.5  | F05/F07  | 4 | 15.9 | 190 | 39.2 |
| DN50  | 150LB | 50  | 178 | 92.1  | 120.6 | 152.4 | 15.9 | 13.5 | 85.8  | F05/F07  | 4 | 19   | 190 | 40.2 |
| DN65  | 150LB | 64  | 190 | 104.8 | 139.7 | 177.8 | 17.5 | 17.5 | 113.8 | F07/F10  | 4 | 19   | 350 | 59   |
| DN80  | 150LB | 76  | 203 | 127   | 152.4 | 190.5 | 19.1 | 17.5 | 122   | F07/F10  | 4 | 19   | 350 | 60   |
| DN100 | 150LB | 100 | 229 | 157.2 | 190.5 | 228.6 | 22.3 | 17.5 | 138   | F07/F10  | 8 | 19   | 350 | 60   |
| DN125 | 150LB | 125 | 356 | 185.7 | 215.9 | 254   | 23.8 | 22   | 164   | F10/F12  | 8 | 22.2 | -   | -    |
| DN150 | 150LB | 150 | 394 | 215.9 | 241.3 | 279.4 | 25.4 | 27   | 204   | F10/F12  | 8 | 22.2 | -   | -    |
| DN200 | 150LB | 200 | 457 | 269.9 | 298.4 | 342.9 | 28.6 | 27   | 255.5 | F10/F12  | 8 | 22.2 | -   | -    |

#### CV

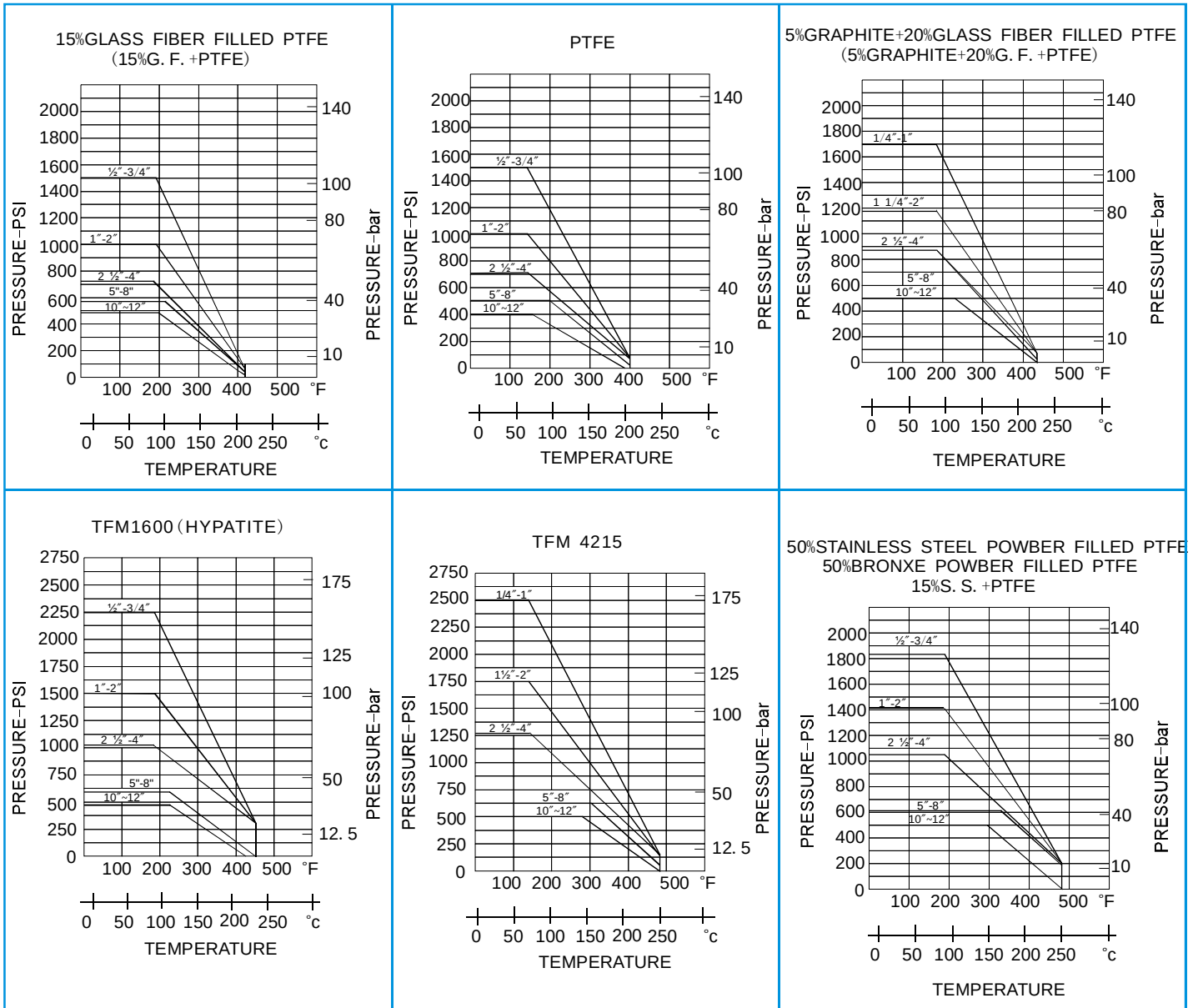
| SIZE  | 0° | 10°   | 20°    | 30°     | 40°     | 50°     | 60°     | 70°     | 80°     | 90°     |
|-------|----|-------|--------|---------|---------|---------|---------|---------|---------|---------|
| DN15  | 0  | 0.05  | 2.35   | 6.00    | 10.36   | 15.17   | 20.29   | 25.62   | 31.07   | 36.57   |
| DN20  | 0  | 0.10  | 4.39   | 11.18   | 19.30   | 28.27   | 37.81   | 47.73   | 57.88   | 68.14   |
| DN25  | 0  | 0.16  | 7.04   | 17.93   | 30.96   | 45.36   | 60.67   | 76.58   | 92.87   | 109.32  |
| DN32  | 0  | 0.28  | 11.91  | 30.32   | 52.34   | 76.66   | 102.54  | 129.44  | 156.97  | 184.77  |
| DN40  | 0  | 0.45  | 18.93  | 48.18   | 83.17   | 121.83  | 162.96  | 205.71  | 249.45  | 293.63  |
| DN50  | 0  | 0.75  | 31.33  | 79.75   | 137.68  | 201.67  | 269.73  | 340.50  | 412.90  | 486.03  |
| DN65  | 0  | 1.31  | 54.36  | 138.37  | 238.87  | 349.89  | 467.98  | 590.75  | 716.37  | 843.24  |
| DN80  | 0  | 1.98  | 82.31  | 209.51  | 361.66  | 529.76  | 708.55  | 894.44  | 1084.63 | 1276.72 |
| DN100 | 0  | 3.19  | 132.51 | 337.27  | 582.22  | 852.82  | 1140.66 | 1439.90 | 1746.08 | 2055.31 |
| DN125 | 0  | 5.13  | 212.99 | 542.11  | 935.82  | 1370.77 | 1833.41 | 2314.39 | 2806.52 | 3303.55 |
| DN150 | 0  | 7.62  | 316.34 | 805.15  | 1389.89 | 2035.88 | 2723.01 | 3437.36 | 4168.28 | 4906.47 |
| DN200 | 0  | 14.03 | 582.61 | 1482.88 | 2559.81 | 3749.55 | 5015.06 | 6330.70 | 7676.86 | 9036.41 |



#### 扭矩 (不含安全系数) TORQUES (UN INCLUDING SAFETY FACTOR)

| SIZE<br>尺寸       | DN15 | DN20 | DN25 | DN32 | DN40 | DN50 | DN65 | DN80 | DN100 | DN125 | DN150 | DN200 |
|------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|
| TORQUE<br>扭矩(Nm) | 5    | 8    | 10   | 16   | 23   | 30   | 64   | 103  | 129   | 323   | 380   | 487   |

温度压力对照表 TEMPERATURE AND PRESSURE CURVE



## Art. 340系列法兰球阀选型表

Art. 340 series product ordering matrix

| 340        | D                                                                                                                                                      | A                                              | 010                                                                                                                                                                       | G                                                                                                                                     | - | HABL                                                              | V型球选型                                        |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|---|-------------------------------------------------------------------|----------------------------------------------|
| 系列号 series | 驱动形式 Actuation Type<br>H-手动手柄 manual handle<br>D-气动双动 double acting<br>S-气动单动 spring return<br>E-电动开关型 on/off<br>M-电动调节型 modulating<br>W-光杆 Bare Shaft | 阀体材质 body material<br>A-CF8M<br>B-CF8<br>C-WCB | 口径 size<br>010-DN10 3/8"<br>015-DN15 1/2"<br>020-DN20 3/4"<br>025-DN25 1"<br>032-DN32 1-1/4"<br>040-DN40 1-1/2"<br>050-DN50 2"<br>065-DN65 2-1/2"<br>080-DN80 3"<br>..... | 连接形式 connection<br>G-GB Flange (PN16)<br>1-ANSI 150<br>2-ANSI 300<br>3-GB Flange (PN40)<br>4-DIN Flange (PN16)<br>5-DIN Flange (PN40) | - | 特别代码 special code<br>手动-空白 handle-Blank<br>光杆-空白 Bare Shaft-Blank | V10°<br>V15°<br>V30°<br>V45°<br>V60°<br>V90° |

备注：如有其他要求请详询。  
Notes: If you have other requirements on request, please contact sales department.





配 **ADESUN** 气动执行器/with **ADESUN** pneumatic actuator

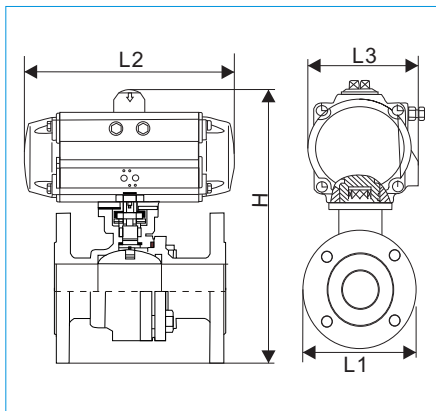
Art: 340DB\*\*\*G – \*\*\*\* – PN10/PN16

口径 特别代码

双动/Double acting

| 型号<br>CODE | 340DB015G<br>-CCNT | 340DB020G<br>-CCNT | 340DB025G<br>-CCNT | 340DB032G<br>-CDNT | 340DB040G<br>-CENT | 340DB050G<br>-CENT | 340DB065G<br>-CGNT | 340DB080G<br>-CHNT | 340DB100G<br>-CINT | 340DB125G<br>-CKNT | 340DB150G<br>-CKNT |
|------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| DN         | 15                 | 20                 | 25                 | 32                 | 40                 | 50                 | 65                 | 80                 | 100                | 125                | 150                |
| PN         | 10/16              | 10/16              | 10/16              | 10/16              | 10/16              | 10/16              | 10/16              | 10/16              | 10/16              | 10/16              | 10/16              |
| ACT        | ACD050             | ACD050             | ACD050             | ACD063             | ACD075             | ACD075             | ACD090             | ACD100             | ACD115             | ACD145             | ACD145             |
| H (mm)     | 208                | 218                | 228                | 272                | 307                | 323                | 379                | 411                | 474                | 591                | 629                |
| L1 (mm)    | 95                 | 105                | 115                | 140                | 150                | 165                | 185                | 200                | 220                | 250                | 285                |
| L2 (mm)    | 154.5              | 154.5              | 154.5              | 168                | 219                | 219                | 249                | 274                | 315                | 417                | 417                |
| L3 (mm)    | 70                 | 70                 | 70                 | 83                 | 95.5               | 95.5               | 105.5              | 122                | 132.5              | 169.5              | 169.5              |
| Y          |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |

更大口径另询  
More size on request



Art: 340SB\*\*\*G – \*\*\*\* – PN10/PN16

口径 特别代码

单动/Single acting

| 型号<br>CODE | 340SB015G<br>-CCNT | 340SB020G<br>-CDNT | 340SB025G<br>-CENT | 340SB032G<br>-CDNT | 340SB040G<br>-CGNT | 340SB050G<br>-CHNT | 340SB065G<br>-CINT | 340SB080G<br>-CJNT | 340SB100G<br>-CKNT | 340SB125G<br>-CMNT | 340SB150G<br>-CNNT |
|------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| DN         | 15                 | 20                 | 25                 | 32                 | 40                 | 50                 | 65                 | 80                 | 100                | 125                | 150                |
| PN         | 10/16              | 10/16              | 10/16              | 10/16              | 10/16              | 10/16              | 10/16              | 10/16              | 10/16              | 10/16              | 10/16              |
| ACT        | ACS050             | ACS063             | ACS075             | ACS075             | ACS090             | ACS100             | ACS115             | ACS125             | ACS145             | ACS190             | ACS210             |
| H (mm)     | 208                | 236                | 267                | 294                | 319                | 350                | 406                | 450                | 525                | 651                | 711                |
| L1 (mm)    | 95                 | 105                | 115                | 140                | 150                | 165                | 185                | 200                | 220                | 250                | 285                |
| L2 (mm)    | 154.5              | 168                | 219                | 219                | 249                | 274                | 315                | 354                | 417                | 539                | 1005               |
| L3 (mm)    | 70                 | 83                 | 95.5               | 95.5               | 105.5              | 122                | 132.5              | 150                | 169.5              | 215                | 235.5              |
| Y          |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |

更大口径另询  
More size on request



配 **VALBIA** 气动执行器/with **VALBIA** pneumatic actuator

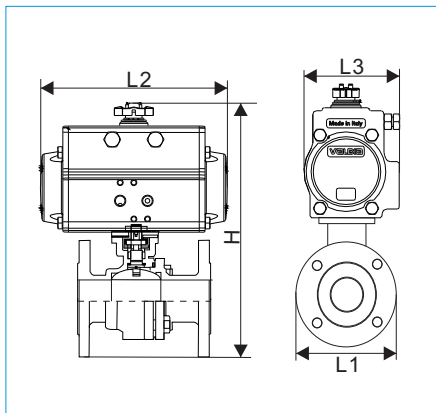
Art: 340DB\*\*\*G – \*\*\*\* – PN10/PN16

口径 特别代码

双动/Double acting

| 型号<br>CODE | 340DB015G<br>-VANT | 340DB020G<br>-VCNT | 340DB025G<br>-VCNT | 340DB032G<br>-VDNT | 340DB040G<br>-VDNT | 340DB050G<br>-VENT | 340DB065G<br>-VFNT | 340DB080G<br>-VHNT | 340DB100G<br>-VINT | 340DB125G<br>-VJNT | 340DB150G<br>-VKNT |
|------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| DN         | 15                 | 20                 | 25                 | 32                 | 40                 | 50                 | 65                 | 80                 | 100                | 125                | 150                |
| PN         | 10/16              | 10/16              | 10/16              | 10/16              | 10/16              | 10/16              | 10/16              | 10/16              | 10/16              | 10/16              | 10/16              |
| ACT        | DA32               | DA52               | DA52               | DA63               | DA63               | DA75               | DA85               | DA100              | DA115              | DA125              | DA140              |
| H (mm)     | 192                | 239                | 248                | 286                | 299                | 334                | 390                | 421                | 506                | 584                | 644                |
| L1 (mm)    | 95                 | 105                | 115                | 140                | 150                | 165                | 185                | 200                | 220                | 250                | 285                |
| L2 (mm)    | 110                | 141                | 141                | 164                | 164                | 210                | 240.5              | 275                | 333                | 372                | 435                |
| L3 (mm)    | 45                 | 71                 | 71                 | 80.5               | 80.5               | 94.5               | 106                | 123                | 137                | 148                | 164                |
| Y          |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |

更大口径另询  
More size on request



Art: 340SB\*\*\*G – \*\*\*\* – PN10/PN16

口径 特别代码

单动/Single acting

| 型号<br>CODE | 340SB015G<br>-VDNT | 340SB020G<br>-VDNT | 340SB025G<br>-VENT | 340SB032G<br>-VFNT | 340SB040G<br>-VFNT | 340SB050G<br>-VHNT | 340SB065G<br>-VINT | 340SB080G<br>-VKNT | 340SB100G<br>-VJNT | 340SB125G<br>-VNNT | 340SB150G<br>-VONT |
|------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| DN         | 15                 | 20                 | 25                 | 32                 | 40                 | 50                 | 65                 | 80                 | 100                | 125                | 150                |
| PN         | 10/16              | 10/16              | 10/16              | 10/16              | 10/16              | 10/16              | 10/16              | 10/16              | 10/16              | 10/16              | 10/16              |
| ACT        | SR63               | SR63               | SR75               | SR85               | SR85               | SR100              | SR115              | SR140              | SR160              | SR200              | SR230              |
| H (mm)     | 240                | 250                | 278                | 318                | 331                | 360                | 438                | 490                | 565                | 688                | 766                |
| L1 (mm)    | 95                 | 105                | 115                | 140                | 150                | 165                | 185                | 200                | 220                | 250                | 285                |
| L2 (mm)    | 164                | 164                | 210                | 240.5              | 240.5              | 275                | 333                | 435                | 493                | 578.5              | 690                |
| L3 (mm)    | 80.5               | 80.5               | 94.5               | 106                | 106                | 123                | 137                | 164                | 186                | 217                | 248.5              |
| Y          |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |                    |

更大口径另询  
More size on request