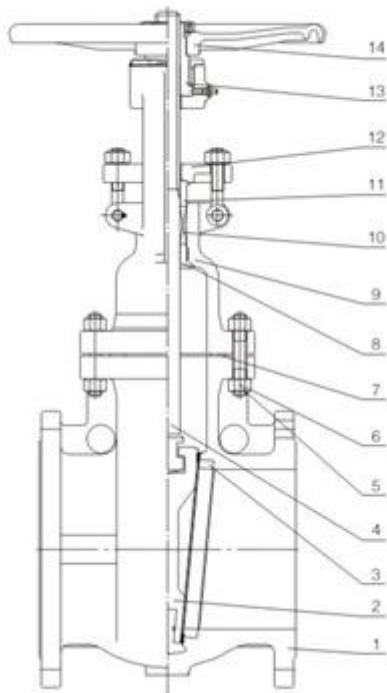


API Cast Steel Gate Valve



Product Description

Buy the hand wheel electric driving rising stem flange connection API gate valve at a discount here with our professional manufacturers and suppliers in China. with the aid of advanced technology and equipment, we can assure you of its reliable performance and long durability.



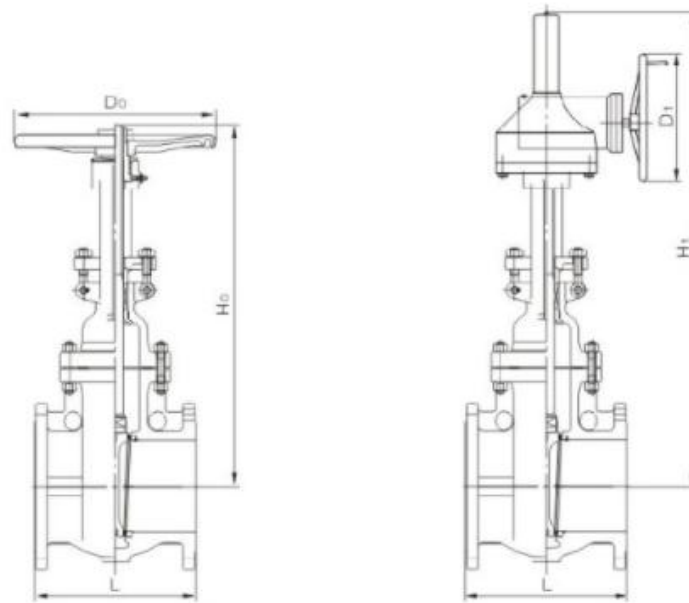
Technical specification

| | |
|----------------------|---|
| Structural formation | Bolt-jointed bonnet outside stem yoke structure |
| Driving manner | Hand-operated, Gear-operated and Electric-driving |
| Design standard | API 600, API 6D |
| Face to face | ASME B16.10 |
| Flanged ends | ASME B16.5 |
| Test & inspection | API 6D, API 598, API 600 |

Note: The sizes of valve connecting flange and butt-welding terminas can be designed according to customer's requirement.

Major parts material form

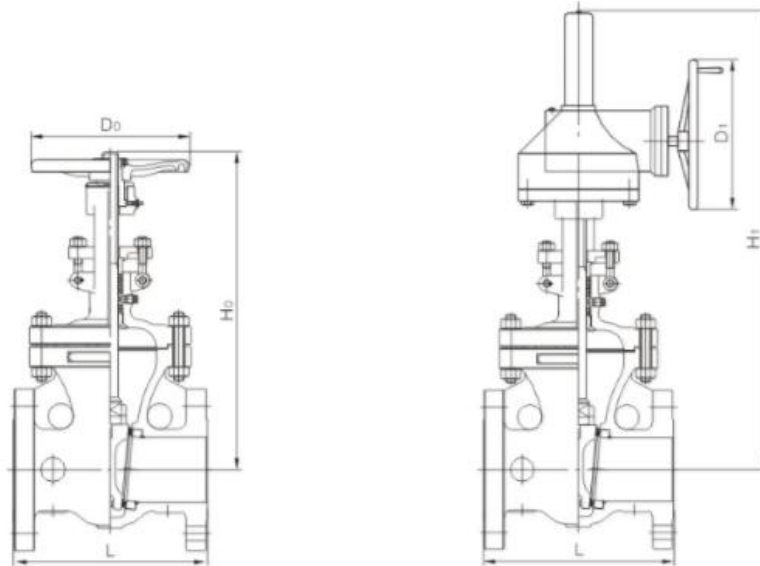
| No. | Part name | Material |
|-----|----------------------|--|
| 1 | Body | ASTM A216-WCB ASTM A217-WC1, WC6, WC9, C5 ASTM A351-CF8, CF8M, CF8C, CF3, CF3M |
| 2 | Gate disc | ASTM A216-WCB ASTM A217-WC1, WC6, WC9, C5 ASTM A351-CF8, CF8M, CF8C, CF3, CF3M |
| 3 | Seat | ASTM A105 ASTM A182-F11, F22, F5, F9 |
| 4 | Stem | ASTM A182Gr.F6a, ASTM A182F22 ASTM A182-F304, F316, F321, F304L, F316L |
| 5 | Stud | ASTM A193-B7, A320-B8, A193-B8M |
| 6 | Six angle nuts | ASTM A194-2H, A194-8, A194-8M |
| 7 | Gasket | Graphite & stainless steel |
| 8 | Back seat | ASTM A182Gr.F6a, ASTM A182F22 ASTM A182-F304, F316, F321, F304L, F316L |
| 9 | Bonnet | ASTM A216-WCB ASTM A217-WC1, WC6, WC9, C5 ASTM A351-CF8, CF8M, CF8C, CF3, CF3M |
| 10 | Packing | Graphite |
| 11 | Packing press-sleeve | ASTM A182Gr.F6a ASTM CHI A182-F304, F316, F321, F304L, F316L |
| 12 | Packing gland | ASTM A216-WCB ASTM A351-CF8, CF8M, CF8C, CF3, CF3M |
| 13 | Valve stem nut | Copper alloy |
| 14 | Handwheel | ASTM A47-32510 |



Main size of outside & weight

Model: Z41H, Z41Y, Z541H, Z541Y, Z941H, Z941Y

| Class | Driving | | Hand operated | | | Gear operated | | | | |
|-------|----------|-----|----------------|----------------|-------------|----------------|----------------|-------------|-------------|------|
| | NPS (in) | L | H ₀ | D ₀ | Weight (kg) | H ₁ | D ₁ | Gear device | Weight (kg) | |
| 150 | 2 | 178 | 360 | 200 | 22 | - | - | - | - | |
| | 2½ | 190 | 410 | 200 | 31 | - | - | - | - | |
| | 3 | 203 | 440 | 250 | 45 | - | - | - | - | |
| | 4 | 229 | 500 | 250 | 61 | - | - | - | - | |
| | 5 | 254 | 580 | 300 | 89 | - | - | - | - | |
| | 6 | 267 | 660 | 300 | 121 | - | - | - | - | |
| | 8 | 292 | 775 | 350 | 134 | - | - | - | - | |
| | 10 | 330 | 925 | 450 | 280 | - | - | - | - | |
| | 12 | 356 | 1100 | 500 | 321 | - | - | - | - | |
| | 14 | 381 | 1295 | 600 | 450 | 1651 | 310 | BA-0 | 455 | |
| | 16 | 406 | 1435 | 600 | 605 | 1879 | 460 | BA-1 | 645 | |
| | 18 | 432 | 1626 | 650 | 810 | 2184 | 460 | BA-1 | 850 | |
| | 20 | 457 | 1829 | 650 | 880 | 2431 | 610 | BA-2 | 950 | |
| | 24 | 508 | 2175 | 700 | 1490 | 2873 | 610 | BA-2 | 1460 | |
| | 26 | 559 | 2235 | 750 | 1750 | 3086 | 610 | BA-2 | 1830 | |
| | 28 | 610 | 2310 | 750 | 2010 | 3327 | 610 | BA-2 | 2080 | |
| | 30 | 610 | 2695 | 800 | 2268 | 3606 | 610 | BAA-3 | 2565 | |
| | 32 | 660 | - | - | - | - | 3708 | 610 | BAA-3 | 3100 |
| | 36 | 711 | - | - | - | - | 3924 | 610 | BAA-3 | 3950 |
| 40 | 812 | - | - | - | - | 4318 | 610 | BAA-3 | 4650 | |
| 42 | 812 | - | - | - | - | 4546 | 610 | BAA-3 | 5100 | |
| 48 | 1066 | - | - | - | - | 5181 | 610 | BAA-3 | 6500 | |



Main size of outside & weight

Model: Z41H, Z41Y, Z541H, Z541Y, Z941H, Z941Y

| Class | Driving | | Hand operated | | | Gear operated | | | |
|-------|----------|------|---------------|-----|-------------|---------------|-------|-------------|-------------|
| | NPS (in) | L | Ho | Do | Weight (kg) | Hi | Di | Gear device | Weight (kg) |
| 300 | 2 | 216 | 380 | 200 | 24 | - | - | - | - |
| | 2 1/2 | 241 | 410 | 250 | 34 | - | - | - | - |
| | 3 | 283 | 450 | 250 | 49 | - | - | - | - |
| | 4 | 305 | 530 | 300 | 70 | - | - | - | - |
| | 5 | 381 | 700 | 300 | 115 | - | - | - | - |
| | 6 | 403 | 730 | 350 | 133 | - | - | - | - |
| | 8 | 419 | 820 | 450 | 231 | - | - | - | - |
| | 10 | 457 | 1010 | 500 | 329 | - | - | - | - |
| | 12 | 502 | 1130 | 560 | 530 | - | - | - | - |
| | 14 | 762 | 1489 | 600 | 730 | 1790 | 460 | BA-1 | 850 |
| | 16 | 838 | 1580 | 650 | 930 | 1968 | 460 | BA-1 | 1105 |
| | 18 | 914 | 2017 | 700 | 1250 | 2273 | 610 | BA-2 | 1300 |
| | 20 | 991 | 2228 | 700 | 1520 | 2482 | 610 | BA-2 | 1625 |
| | 24 | 1143 | 2650 | 750 | 2340 | 3054 | 610 | BA-2 | 2800 |
| | 26 | 1245 | - | - | - | 3219 | 610 | BA-2 | 3100 |
| | 28 | 1346 | - | - | - | 3378 | 610 | BAA-3 | 3600 |
| | 30 | 1397 | - | - | - | 3530 | 610 | BAA-3 | 4200 |
| | 32 | 1524 | - | - | - | 3695 | 610 | BAA-3 | 4850 |
| | 36 | 1727 | - | - | - | 3987 | 610 | BAA-3 | 5900 |
| 40 | 1955 | - | - | - | 4445 | 610 | BAA-3 | 8100 | |
| 42 | 2032 | - | - | - | 4699 | 610 | BAA-3 | 9750 | |
| 48 | 2966 | - | - | - | 5435 | 610 | BAA-3 | 13050 | |