



STRAIGHTWAY TAPER PLUG VALVES

CAST STEEL CLASS 300
VENTURI PATTERN
RECTANGULAR PORT

| Class | Max. CWP | Test Pressure | Pattern | Connections | Port | Materials | | Operation |
|-------|----------|--------------------------------------|------------------------|---|-------------|---|---|-----------|
| | | | | | | Body & Cover | Plug | |
| 300 | 740 Psi | Shell 1125 Psi Seat 815 Psi | Straightway Venturi | Flanges R.F. or R.J. ASME B 16.5 Face to Face ASME B 16.10 | Rectangular | Cast Steel ASTM A 216 Grade WCB Cover: EN 10025 S355J0 S355J2G3 | Cast Iron ASTM A 126 Class B Steel | Manual |

| | WRENCH TYPE 8 K | GEAR TYPE C | GEAR TYPE D |
|-----------|--------------------|-----------------|----------------|
| | | | |
| Plug | DN 1 1/2" - 4" | DN 1 1/2" - 36" | DN 8" - 36" |
| Cast Iron | 5-AT 70144 N | 5-AT 70144 C | 5-AT 70144 D |
| Steel | 5-AT 70147 N | 5-AT 70147 C | 5-AT 70147 D |

| DN | A | B | C | D | E | F | H | I | L | M | N | O | P | Q | R | V | V |
|--------|-----|-----|-----|-----|----|----|-----|-----|-----|-----|-----|-----|-----|------|-------|------|------|
| 1 1/2" | 44 | 97 | 128 | 160 | 24 | 30 | 45 | 16 | 101 | 104 | 32 | | | 38 | 155 | *191 | *203 |
| 2" | 60 | 102 | 144 | 176 | 24 | 30 | 150 | 101 | 137 | 181 | 47 | | | 51 | 165 | 216 | 232 |
| 2 1/2" | 71 | 115 | 171 | 214 | 32 | 36 | 150 | 101 | 155 | 181 | 47 | | | 64 | 191 | 241 | 257 |
| 3" | 69 | 119 | 192 | 248 | 42 | 50 | 150 | 101 | 163 | 181 | 47 | | | 76 | 210 | 283 | 299 |
| 4" | 98 | 160 | 211 | 265 | 42 | 50 | 150 | 101 | 181 | 195 | 65 | | | 102 | 254 | 305 | 321 |
| 6" | 106 | 179 | | | | | 150 | 101 | 222 | 195 | 71 | | | 152 | 318 | 403 | 419 |
| 8" | 145 | 232 | | | | | 200 | 101 | 338 | 268 | 85 | 46 | 461 | 203 | 381 | 419 | 435 |
| 10" | 146 | 245 | | | | | 200 | 101 | 370 | 268 | 85 | 46 | 493 | 254 | 445 | 457 | 473 |
| 12" | 170 | 270 | | | | | 300 | 101 | 406 | 293 | 95 | 70 | 530 | 305 | 521 | 502 | 518 |
| 14" | 174 | 313 | | | | | 300 | 101 | 430 | 293 | 95 | 70 | 554 | 337 | 584 | 762 | 778 |
| 16" | 193 | 347 | | | | | 300 | 101 | 520 | 361 | 135 | 69 | 654 | 387 | 648 | 838 | 854 |
| 18" | 220 | 340 | | | | | 300 | 101 | 590 | 400 | 160 | 108 | 724 | 432 | 711 | 914 | 930 |
| 20" | 245 | 385 | | | | | 300 | 101 | 617 | 400 | 160 | 108 | 751 | 483 | 775 | 991 | 1010 |
| 24" | 280 | 460 | | | | | 350 | 101 | 700 | 423 | 175 | 130 | 834 | 584 | 914 | 1143 | 1165 |
| 30" | 350 | 590 | | | | | 350 | 101 | 827 | 483 | 196 | 192 | 965 | *737 | *1092 | 1397 | 1422 |
| 36" | 425 | 625 | | | | | 350 | 101 | 839 | 501 | 200 | 210 | 973 | *889 | *1270 | 1727 | 1756 |

Note: * Not included in the standards.