



ANSI / ASME MULTIVARIABLE 660°F

ANSI / ASME – CLASS 150

| (Size)<br>in.(mm) | (Pipe OD)<br>in.(mm) | Flange screw<br>hole distance<br>in.(mm) | Flange<br>thickness<br>in.(mm) | Bolt hole<br>diameter<br>in.(mm) | Meter<br>height<br>in.(mm) | Meter<br>height<br>in.(mm) | Bolt<br>qty |
|-------------------|----------------------|--|--------------------------------|----------------------------------|----------------------------|----------------------------|-------------|
| D                 | K                    | W  | C                              | n-ØM                             | L1                         | H                          | N           |
| 1/2" (15)         | 3.55" (90)           | 2.35" (60.3)                             | 0.45"(11.6)                    | 0.65"(15.9)                      | 2.9" (73.5)                | 18.7"(475)                 | 4           |
| 3/4" (20)         | 3.95" (100)          | 2.75" (69.9)                             | 0.5"(13.2)                     | 0.65"(15.9)                      | 2.6" (66)                  | 18.7"(475)                 | 4           |
| 1" (25)           | 4.35" (110)          | 3.15" (79.4)                             | 0.6"(14.7)                     | 0.65"(15.9)                      | 2.5" (63.5)                | 18.7"(475)                 | 4           |
| 1 1/4"(32)        | 4.6" (117.3)         | 3.5" (88.9)                              | 0.65"(16.3)                    | 0.65"(15.9)                      | 2.7" (68)                  | 18.7"(475)                 | 4           |
| 1 1/2"(40)        | 5" (127)             | 3.85" (98.4)                             | 0.7"(17.9)                     | 0.65"(15.9)                      | 2.65" (67.5)               | 18.8"(477)                 | 4           |
| 2" (50)           | 6" (152.4)           | 4.75" (120.7)                            | 0.75"(19.5)                    | 0.75"(19)                        | 2.4" (61)                  | 19"(482)                   | 4           |
| 2 1/2"(65)        | 7.1" (180)           | 5.5" (139.7)                             | 0.9"(22.7)                     | 0.75"(19)                        | 1.9" (48.5)                | 19.3"(490)                 | 4           |
| 3" (80)           | 7.5" (190.5)         | 6" (152.4)                               | 0.95"(24.3)                    | 0.75"(19)                        | 1.8" (46)                  | 19.55"(497)                | 4           |
| 4" (100)          | 9.05" (230)          | 7.5" (190.5)                             | 0.95"(24.3)                    | 0.75"(19)                        | 1.55" (40)                 | 20"(508)                   | 8           |
| 5" (125)          | 10.05" (255)         | 8.5" (215.9)                             | 0.95"(24.3)                    | 0.85"(22.2)                      | 1.6" (41)                  | 20.55"(522)                | 8           |
| 6" (150)          | 11" (280)            | 9.5" (241.3)                             | 1"(25.9)                       | 0.85"(22.2)                      | 1.4" (36)                  | 21"(534)                   | 8           |
| 8" (200)          | 13.6" (345)          | 11.75" (298.5)                           | 1.15"(29)                      | 0.85"(22.2)                      | 2.1" (53.5)                | 22"(559)                   | 8           |
| 10" (250)         | 16" (406.4)          | 14.25" (362)                             | 1.2"(30.6)                     | 1"(25.4)                         | 1.9" (48)                  | 23.05"(585)                | 12          |
| 12" (300)         | 19.1" (485)          | 17" (431.8)                              | 1.25"(32.2)                    | 1"(25.4)                         | 1.55" (39.5)               | 24"(610)                   | 12          |

ANSI / ASME – CLASS 300

| (Size)<br>in.(mm) | (Pipe OD)<br>in.(mm) | Flange screw<br>hole distance<br>in.(mm) | Flange<br>thickness<br>in.(mm) | Bolt hole<br>diameter<br>in.(mm) | Meter<br>height<br>in.(mm) | Meter<br>height<br>in.(mm) | Bolt<br>qty |
|-------------------|----------------------|--|--------------------------------|----------------------------------|----------------------------|----------------------------|-------------|
| D                 | K                    | W  | C                              | n-ØM                             | L1                         | H                          | N           |
| 1/2" (15)         | 3.75" (95.2)         | 2.65" (66.7)                             | 0.6"(14.7)                     | 0.65"(15.9)                      | 2.8" (71)                  | 18.7"(475)                 | 4           |
| 3/4" (20)         | 4.65" (117.5)        | 3.25" (82.6)                             | 0.65"(16.3)                    | 0.75"(19)                        | 2.25" (57.2)               | 18.7"(475)                 | 4           |
| 1" (25)           | 4.9" (125)           | 3.5" (88.9)                              | 0.7"(17.9)                     | 0.75"(19)                        | 2" (51)                    | 18.7"(475)                 | 4           |
| 1 1/4"(32)        | 5.3" (135)           | 3.85" (98.4)                             | 0.75"(19.5)                    | 0.75"(19)                        | 2.3" (59)                  | 18.7"(475)                 | 4           |
| 1 1/2"(40)        | 6.15" (156)          | 4.5" (114.3)                             | 0.85"(21.1)                    | 0.85"(22.2)                      | 2.1" (53)                  | 18.8"(477)                 | 4           |
| 2" (50)           | 6.5" (165.1)         | 5" (127)                                 | 0.9"(22.7)                     | 0.75"(19)                        | 2.15" (54.7)               | 19"(482)                   | 8           |
| 2 1/2"(65)        | 7.5" (191)           | 5.85" (149.2)                            | 1"(25.9)                       | 1"(25.9)                         | 1.7" (43)                  | 19.3"(490)                 | 8           |
| 3" (80)           | 8.25" (210)          | 6.65" (168.3)                            | 1.15"(29)                      | 1.15"(29)                        | 1.45" (36.3)               | 19.55"(497)                | 8           |
| 4" (100)          | 10.05" (255)         | 7.85" (200)                              | 1.25"(32.2)                    | 1.25"(32.2)                      | 1.1" (28.5)                | 20"(508)                   | 8           |
| 5" (125)          | 11" (280)            | 9.25" (235)                              | 1.4"(35.4)                     | 1.4"(35.4)                       | 1.1" (28.5)                | 20.55"(522)                | 8           |
| 6" (150)          | 12.6" (320)          | 10.65" (269.9)                           | 1.45"(37)                      | 1.45"(37)                        | 0.65" (16)                 | 21"(534)                   | 12          |
| 8" (200)          | 15" (381)            | 13" (330.2)                              | 1.65"(41.7)                    | 1.65"(41.7)                      | 1.4" (35.5)                | 22"(559)                   | 12          |
| 10" (250)         | 17.5" (445)          | 15.25" (387.4)                           | 1.9"(48.1)                     | 1.9"(48.1)                       | 1.15" (28.7)               | 23.05"(585)                | 16          |
| 12" (300)         | 20.5" (521)          | 17.75" (450.8)                           | 2"(51.3)                       | 2"(51.3)                         | 0.85" (21.5)               | 24"(610)                   | 16          |

ALL DIMENSIONS ARE IN INCH(MM) TOTAL QTY :- -

APPROVAL CODE  CONTROLLED  UNCONTROLLED

SIZE- 660°F VERSION :- -

DRAWING.NO: -1300C-ANSI / ASME-660°F REV : 0

DOCUMENT TITLE :1300C FLANGE DRAWINGS PROJECTION SHEET NO: 1 OF 1

SCALE : N.T.S

|  |      |          |             |               |            |             |               |
|--|------|----------|-------------|---------------|------------|-------------|---------------|
| <br><b>Tek-Trol LLC</b><br>796 Tek Drive,<br>Crystal Lake, IL 60014, USA |      |          |             |               |            |             | CUSTOMER :-   |
|  | 00   | 12-04-24 |             | VJ            | AS         | MI          | P.O. NO. :- - |
|  | REV. | DATE     | DESCRIPTION | PREP.D.<br>BY | CHD.<br>BY | APPD.<br>BY | PROJECT :-    |
|  |      |          |             |               |            |             | END USER :-   |

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