

Class 150 N-120 REV. E

| Diameter (inches) | A | B | C | D | G | R1 | H | T | | | | |
|-------------------|------|------|-----|--------|-----|------|----|--------|---------|----------|-----------|------------|
| | | | | | | | | CS (*) | LA (**) | LA (***) | SS (****) | SS (*****) |
| 1/2" | 44 | 16 | 25 | 60,3 | 180 | 30,6 | 3 | 3 | 3 | 3 | 3 | |
| 3/4" | 54 | 21 | 25 | 69,9 | 180 | 22,4 | 3 | 3 | 3 | 3 | 3 | |
| 1" | 64 | 27 | 30 | 79,4 | 180 | 22,9 | 3 | 3 | 3 | 3 | 3 | |
| 1.1/2" | 83 | 45 | 30 | 98,4 | 180 | 17,4 | 3 | 3 | 3 | 3 | 3 | |
| 2" | 102 | 56 | 40 | 120,7 | 180 | 23,2 | 4 | 4 | 4 | 4 | 4 | |
| 2.1/2" | 121 | 67 | 40 | 139,7 | 180 | 20 | 4 | 5 | 4 | 4 | 4 | |
| 3" | 133 | 81 | 50 | 152,4 | 180 | 24,2 | 5 | 6 | 5 | 5 | 5 | |
| 4" | 171 | 106 | 65 | 190,5 | 180 | 26,6 | 6 | 7 | 6 | 6 | 6 | |
| 6" | 219 | 157 | 75 | 241,3 | 180 | 27,6 | 9 | 10 | 9 | 9 | 9 | |
| 8" | 276 | 216 | 75 | 298,5 | 190 | 23,1 | 11 | 12 | 11 | 11 | 11 | |
| 10" | 337 | 268 | 100 | 362 | 190 | 29 | 13 | 15 | 14 | 14 | 14 | |
| 12" | 406 | 318 | 100 | 431,8 | 200 | 25,8 | 13 | 18 | 16 | 16 | 16 | |
| 14" | 448 | 349 | 110 | 476,3 | 210 | 28,3 | 13 | 19 | 18 | 18 | 18 | |
| 16" | 511 | 400 | 110 | 539,8 | 210 | 26,4 | 16 | 22 | 21 | 20 | 20 | |
| 18" | 546 | 449 | 115 | 577,9 | 210 | 28,5 | 16 | 25 | 23 | 23 | 23 | |
| 20" | 603 | 500 | 120 | 635 | 220 | 28 | 16 | 27 | 26 | 25 | 25 | |
| 24" | 714 | 603 | 140 | 749,3 | 220 | 31 | 16 | 32 | 31 | 30 | 30 | |
| 26 A" | 771 | 654 | 140 | 806,4 | 220 | 29,9 | 25 | 35 | 33 | 32 | 32 | |
| 30 A" | 879 | 756 | 140 | 914,4 | 230 | 28,1 | 25 | 40 | 38 | 37 | 40 | |
| 36 A" | 1045 | 908 | 150 | 1085,8 | 250 | 30,6 | 25 | 48 | 45 | 44 | 44 | |
| 42 B" | 1143 | 1061 | 115 | 1171,6 | 210 | 19,3 | 25 | 55 | 53 | 51 | 51 | |

Class 900 N-120 REV. E

| Diameter (inches) | A | B | C | D | G | R1 | H | T | | | | |
|-------------------|-----|-----|-----|-------|-----|------|----|----|-------|-------|-------|-------|
| | | | | | | | | CS | LA(1) | LA(2) | SS(1) | SS(2) |
| 1/2" | 60 | 16 | 30 | 82,6 | 190 | 34,4 | 3 | 3 | 3 | 3 | 3 | |
| 3/4" | 67 | 21 | 30 | 88,9 | 190 | 29,2 | 4 | 4 | 4 | 4 | 4 | |
| 1" | 76 | 27 | 35 | 101,6 | 190 | 35,2 | 5 | 5 | 5 | 5 | 5 | |
| 1.1/2" | 95 | 41 | 40 | 123,8 | 200 | 35,9 | 7 | 7 | 8 | 7 | 7 | |
| 2" | 140 | 52 | 40 | 165,1 | 200 | 23,1 | 8 | 9 | 9 | 9 | 8 | |
| 2.1/2" | 162 | 64 | 50 | 190,5 | 200 | 28,0 | 10 | 10 | 11 | 10 | 10 | |
| 3" | 165 | 81 | 50 | 190,5 | 200 | 25,1 | 13 | 14 | 15 | 14 | 13 | |
| 4" | 203 | 103 | 60 | 235,0 | 210 | 30,8 | 13 | 18 | 19 | 17 | 16 | |
| 6" | 286 | 155 | 70 | 317,5 | 210 | 27,7 | 16 | 25 | 27 | 25 | 23 | |
| 8" | 356 | 197 | 90 | 393,7 | 240 | 34,2 | 20 | 32 | 34 | 31 | 29 | |
| 10" | 432 | 246 | 100 | 469,9 | 240 | 33,3 | 20 | 40 | 42 | 39 | 36 | |
| 12" | 495 | 292 | 100 | 533,4 | 240 | 31,3 | 20 | 47 | 49 | 46 | 43 | |
| 14" | 518 | 321 | 106 | 558,8 | 240 | 33,5 | 25 | 51 | 54 | 50 | 47 | |
| 16" | 572 | 375 | 120 | 616,0 | 260 | 36,9 | 25 | 59 | 63 | 58 | 54 | |
| 18" | 635 | 426 | 130 | 685,8 | 270 | 41,6 | 25 | 67 | 70 | 65 | 61 | |
| 20" | 695 | 483 | 130 | 749,3 | 280 | 42,2 | 25 | 75 | 79 | 73 | 68 | |
| 24" | 835 | 591 | 160 | 901,7 | 330 | 52,4 | 30 | 90 | 95 | 88 | 82 | |

Class 300 N-120 REV. E

| Diameter (inches) | A | B | C | D | G | R1 | H | T | | | | |
|-------------------|------|------|-----|--------|-----|------|----|----|-------|-------|-------|-------|
| | | | | | | | | CS | LA(1) | LA(2) | SS(1) | SS(2) |
| 1/2" | 51 | 16 | 25 | 66,7 | 180 | 23,8 | 3 | 3 | 3 | 3 | 3 | |
| 3/4" | 64 | 21 | 30 | 82,6 | 180 | 26,7 | 3 | 3 | 3 | 3 | 3 | |
| 1" | 70 | 27 | 30 | 88,9 | 180 | 24,4 | 3 | 3 | 3 | 3 | 3 | |
| 1.1/2" | 92 | 45 | 40 | 114,3 | 180 | 29,8 | 5 | 5 | 5 | 5 | 5 | |
| 2" | 108 | 56 | 40 | 127 | 180 | 22,3 | 5 | 6 | 7 | 6 | 5 | |
| 2.1/2" | 127 | 67 | 50 | 149,2 | 180 | 28 | 6 | 7 | 8 | 7 | 6 | |
| 3" | 146 | 81 | 50 | 168,3 | 180 | 24,8 | 7 | 9 | 9 | 7 | 7 | |
| 4" | 178 | 106 | 65 | 200 | 200 | 27,7 | 10 | 11 | 12 | 11 | 10 | |
| 6" | 248 | 157 | 75 | 269,9 | 200 | 24,5 | 13 | 15 | 16 | 15 | 14 | |
| 8" | 305 | 216 | 85 | 330,2 | 200 | 26,4 | 16 | 20 | 21 | 19 | 18 | |
| 10" | 359 | 268 | 100 | 387,4 | 200 | 30,1 | 16 | 24 | 25 | 24 | 22 | |
| 12" | 419 | 318 | 100 | 450,8 | 230 | 29,5 | 16 | 28 | 30 | 28 | 26 | |
| 14" | 483 | 349 | 108 | 514,4 | 230 | 28,7 | 20 | 31 | 33 | 30 | 28 | |
| 16" | 537 | 400 | 108 | 571,5 | 230 | 29,1 | 20 | 35 | 37 | 34 | 32 | |
| 18" | 594 | 449 | 110 | 628,6 | 240 | 28,1 | 20 | 39 | 42 | 39 | 36 | |
| 20" | 651 | 500 | 120 | 685,8 | 240 | 28,7 | 20 | 44 | 46 | 43 | 40 | |
| 24" | 772 | 603 | 140 | 812,8 | 260 | 33,3 | 25 | 52 | 55 | 51 | 48 | |
| 26 A" | 832 | 654 | 130 | 876,3 | 260 | 33 | 30 | 57 | 60 | 56 | 52 | |
| 30 A" | 949 | 756 | 155 | 997 | 260 | 37 | 30 | 66 | 69 | 64 | 60 | |
| 36 A" | 1114 | 908 | 155 | 1168,4 | 280 | 38,6 | 30 | 79 | 84 | 77 | 72 | |
| 42 B" | 1194 | 1086 | 150 | 1244,6 | 270 | 34,9 | 30 | 92 | 97 | 90 | 84 | |

Class 600 N-120 REV. E

| Diameter (inches) | A | B | C | D | G | R1 | H | T | | | | |
|-------------------|-----|-----|-----|-------|-----|------|----|----|-------|-------|-------|-------|
| | | | | | | | | CS | LA(1) | LA(2) | SS(1) | SS(2) |
| 1/2" | 51 | 16 | 25 | 66,7 | 180 | 23,8 | 3 | 3 | 3 | 3 | 3 | |
| 3/4" | 64 | 21 | 30 | 82,6 | 180 | 26,7 | 3 | 3 | 4 | 3 | 3 | |
| 1" | 70 | 27 | 30 | 88,9 | 180 | 24,4 | 4 | 4 | 4 | 4 | 4 | |
| 1.1/2" | 92 | 45 | 40 | 114,3 | 180 | 29,8 | 6 | 7 | 7 | 7 | 6 | |
| 2" | 108 | 56 | 40 | 127 | 180 | 22,3 | 8 | 9 | 9 | 8 | 8 | |
| 2.1/2" | 127 | 67 | 50 | 149,2 | 180 | 28,0 | 9 | 10 | 11 | 10 | 9 | |
| 3" | 146 | 81 | 50 | 168,3 | 180 | 24,8 | 11 | 12 | 13 | 12 | 11 | |
| 4" | 191 | 103 | 75 | 215,9 | 210 | 34 | 13 | 15 | 15 | 14 | 13 | |
| 6" | 264 | 155 | 85 | 292,1 | 220 | 31,9 | 16 | 21 | 22 | 20 | 19 | |
| 8" | 317 | 206 | 95 | 349,2 | 230 | 34,3 | 16 | 27 | 28 | 26 | 24 | |
| 10" | 397 | 255 | 105 | 431,8 | 240 | 34,1 | 20 | 32 | 34 | 32 | 30 | |
| 12" | 454 | 307 | 100 | 489 | 230 | 30,4 | 20 | 39 | 41 | 38 | 35 | |
| 14" | 489 | 343 | 108 | 527 | 240 | 33 | 20 | 43 | 45 | 42 | 39 | |
| 16" | 562 | 390 | 124 | 603,2 | 250 | 36,2 | 25 | 49 | 51 | 47 | 44 | |
| 18" | 610 | 438 | 133 | 654 | 260 | 38,4 | 25 | 55 | 58 | 54 | 50 | |
| 20" | 679 | 489 | 125 | 723,9 | 260 | 35,5 | 25 | 61 | 64 | 60 | 56 | |
| 24" | 787 | 591 | 145 | 838,2 | 280 | 40,6 | 25 | 74 | 78 | 72 | 67 | |

Notes:

- 1) All dimension are in millimetres(mm)
- 2) Marking on outer edge

| Tolerances | |
|------------|--------------|
| T | +3,0/-0,0 mm |
| A | +0,0/-1,0 mm |
| B | +/-1,5 mm |
| D | +1,0/-0,0 mm |

| Code | Material |
|-----------|---|
| CS | Carbon Steel [A105, A516/70, A350 LF2(CS.LT)] |
| LA (*) | Low Alloy Steel [203 E] |
| LA (**) | Low Alloy Steel [387-5, 387-11, F5, F9, F11, F22] |
| SS (***) | Stainless Steel [304 L/316L, 321/321H, 347/347H] |
| SS (****) | Stainless Steel [317L] |

