

TECHNICAL INFORMATION - HSC HICOM

CASING

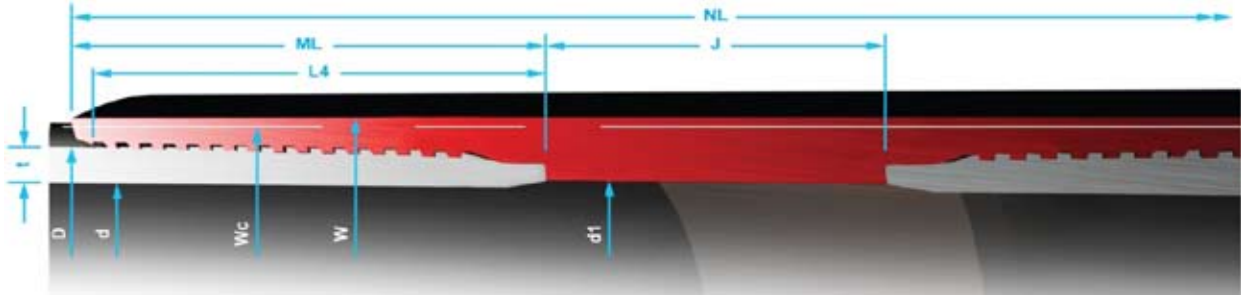


SIZE: **355.60 mm**

NOMINAL WEIGHT: **138.40 kg/m**

WALL THICKNESS: **16.51 mm**

THREADS PER INCH: **5**



| PIPE BODY | OUTSIDE DIA. (mm) | D | 355.60 | INSIDE DIA. (mm) | d | 322.58 | DRIFT DIA. (mm) | | | | 317.80 | PLAIN END WT (kg/m) | | 137.92 |
|--|---|---------------------------|------------------------|-------------------|---|----------------------|-----------------|--|---------|---------|---------|---------------------|--|--------|
| | GRADE | | | | N80 | L80 | C90 | C95 | P110 | Q125 | 150 | | | |
| | COLLAPSE RESISTANCE (MPa) | | | | 28.3 | 28.3 | 29.4 | 30.1 | 32.3 | 34.1 | 35.5 | | | |
| | INTERNAL YIELD PRESSURE (MPa) | | | | 44.8 | 44.8 | 50.4 | 53.2 | 61.6 | 70.0 | 84.0 | | | |
| | BODY YIELD STRENGTH (kN) | | | | 9702 | 9702 | 10916 | 11521 | 13340 | 15160 | 18189 | | | |
| | ULTIMATE STRENGTH (kN) | | | | 12126 | 11521 | 12126 | 12731 | 15160 | 16369 | 19403 | | | |
| | NOMINAL CROSS-SECTIONAL AREA (mm ²) | | | | 17588 | 17588 | 17588 | 17588 | 17588 | 17588 | 17588 | | | |
| MAKE UP | RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0 | | | | | | | | | | | | | |
| | REGULAR | | MINIMUM (Nm) | | 36440 | 36440 | 37660 | 38270 | 40110 | 41940 | 45000 | | | |
| | | | OPTIMUM (Nm) | | 40500 | 40500 | 41850 | 42530 | 44570 | 46600 | 50000 | | | |
| | | | MAXIMUM (Nm) | | 44550 | 44550 | 46040 | 46790 | 49030 | 51260 | 55010 | | | |
| | | | BODY YIELD TORQUE (Nm) | | 907670 | 907670 | 1021120 | 1077860 | 1248040 | 1418230 | 1701880 | | | |
| | SPECIAL CLEARANCE | | MINIMUM (Nm) | | 32800 | 32800 | 33900 | 34450 | 36090 | 37760 | 40500 | | | |
| | | | OPTIMUM (Nm) | | 36440 | 36440 | 37660 | 38270 | 40110 | 41950 | 45000 | | | |
| | | | MAXIMUM (Nm) | | 40090 | 40090 | 41430 | 42100 | 44120 | 46140 | 49500 | | | |
| | CONNECTION | COLLAPSE RESISTANCE (MPa) | | | | 28.3 | 28.3 | 29.4 | 30.1 | 32.3 | 34.1 | 35.5 | | |
| COMPRESSION RESISTANCE (%) | | | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | | | | |
| TENSILE EFFICIENCY (%) | | | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | | | | |
| INTERNAL YIELD PRESSURE (MPa) | | | | 44.8 | 44.8 | 50.4 | 53.2 | 61.6 | 70.0 | 84.0 | | | | |
| MAXIMUM BENDING ANGLE (° PER 30m) | | | | 28 | 28 | 32 | 34 | 39 | 44 | 53 | | | | |
| BOX CRITICAL CROSS-SECTIONAL AREA (mm ²) | | | | 17935 | 17935 | 17935 | 17935 | 17935 | 17935 | 17935 | | | | |
| MAXIMUM LOAD OF REG. COUPLING FACE (kN) | | | | 7166 | 7166 | 8065 | 8509 | 9853 | 11196 | 13438 | | | | |
| MAXIMUM LOAD OF S.C. COUPLING FACE (kN) | | | | 4075 | 4075 | 4582 | 4835 | 5600 | 6365 | 7638 | | | | |
| | | | | PARTING LOAD (kN) | | | | | | | | | | |
| REGULAR COUPLING O.D. | | | | 9804 | 9568 | 10444 | 10996 | 12895 | 14323 | 17095 | | | | |
| SPECIAL CLEARANCE COUPLING O.D. | | | | 8065 | 7660 | 8065 | 8465 | 10080 | 10885 | 12900 | | | | |
| | | OUTSIDE DIA. (mm) | INSIDE DIA. (d1) (mm) | WEIGHT (kg) | | JOINT EFFICIENCY (%) | | 30' JOINT MUD DISPLACEMENT (m ³) | | | | | | |
| REGULAR COUPLING | | W | 382.65 | 325.12 | 49.02 | | 102 | | 0.1658 | | | | | |
| SPECIAL CLEARANCE COUPLING | | Wc | 373.18 | 325.12 | 34.84 | | 70 | | 0.1640 | | | | | |
| LENGTH OF COUPLING (mm) | | NL | 321.56 | | The above information is for reference only. The information is subject to change or modification without notice. Please contact HSC for the latest information | | | | | | | | | |
| MAKE UP LOSS (mm) | | ML | 135.38 | | | | | | | | | | | |