

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **168.28 mm**

NOMINAL WEIGHT: **29.76 kg/m**

WALL THICKNESS: **7.32 mm**

THREADS PER INCH: **5**



| PIPE BODY | OUTSIDE DIA. (mm) | D | 168.28 | INSIDE DIA. (mm) | d | 153.64 | DRIFT DIA. (mm) | | 150.47 | PLAIN END WT (kg/m) | | 29.00 |
|--|--|---|------------------------|-------------------|--------------------------|---|-----------------|----------------------|--------|--|--------|-------|
| | GRADE | | | | N80 | | L80 | C90 | C95 | P110 | Q125 | 150 |
| COLLAPSE RESISTANCE (MPa) | | | | 23.9 | | 23.9 | 25.4 | 26.1 | 27.7 | 28.8 | 29.1 | |
| INTERNAL YIELD PRESSURE (MPa) | | | | 42.0 | | 42.0 | 47.2 | 49.8 | 57.7 | 65.6 | 78.7 | |
| BODY YIELD STRENGTH (kN) | | | | 2042 | | 2042 | 2295 | 2424 | 2807 | 3189 | 3825 | |
| ULTIMATE STRENGTH (kN) | | | | 2549 | | 2424 | 2549 | 2678 | 3189 | 3443 | 4079 | |
| NOMINAL CROSS-SECTIONAL AREA (mm ²) | | | | 3699 | | 3699 | 3699 | 3699 | 3699 | 3699 | 3699 | |
| RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0 | | | | | | | | | | | | |
| MAKE UP | REGULAR | | MINIMUM (Nm) | | 6100 | 6100 | 6480 | 6670 | 7250 | 7810 | 8760 | |
| | | | OPTIMUM (Nm) | | 6780 | 6780 | 7200 | 7420 | 8050 | 8680 | 9730 | |
| | | | MAXIMUM (Nm) | | 7460 | 7460 | 7920 | 8160 | 8850 | 9540 | 10710 | |
| | | | BODY YIELD TORQUE (Nm) | | 90870 | 90870 | 102230 | 107910 | 124950 | 141980 | 170390 | |
| | SPECIAL CLEARANCE | | MINIMUM (Nm) | | 5490 | 5490 | 5830 | 6010 | 6520 | 7020 | 7880 | |
| | | | OPTIMUM (Nm) | | 6100 | 6100 | 6480 | 6670 | 7240 | 7810 | 8760 | |
| MAXIMUM (Nm) | | | 6710 | 6710 | 7130 | 7330 | 7960 | 8600 | 9640 | | | |
| CONNECTION | COLLAPSE RESISTANCE (MPa) | | | | 23.9 | | 23.9 | 25.4 | 26.1 | 27.7 | 28.8 | 29.1 |
| | COMPRESSION RESISTANCE (%) | | | | 100 | | 100 | 100 | 100 | 100 | 100 | 100 |
| | TENSILE EFFICIENCY (%) | | | | 100 | | 100 | 100 | 100 | 100 | 100 | 100 |
| | INTERNAL YIELD PRESSURE (MPa) | | | | 42.0 | | 42.0 | 47.2 | 49.8 | 57.7 | 65.6 | 78.7 |
| | MAXIMUM BENDING ANGLE (° PER 30m) | | | | 60 | | 60 | 67 | 71 | 82 | 93 | 112 |
| | BOX CRITICAL CROSS-SECTIONAL AREA (mm ²) | | | | 3773 | | 3773 | 3773 | 3773 | 3773 | 3773 | 3773 |
| | MAXIMUM LOAD OF REG. COUPLING FACE (kN) | | | | 1157 | | 1157 | 1303 | 1375 | 1592 | 1806 | 2171 |
| | MAXIMUM LOAD OF S.C. COUPLING FACE (kN) | | | | 507 | | 507 | 574 | 605 | 698 | 796 | 952 |
| | | | | | PARTING LOAD (kN) | | | | | | | |
| | REGULAR COUPLING O.D. | | | | 2264 | 2175 | 2326 | 2447 | 2891 | 3163 | 3759 | |
| | SPECIAL CLEARANCE COUPLING O.D. | | | | 1699 | 1610 | 1699 | 1784 | 2122 | 2291 | 2713 | |
| | | | | OUTSIDE DIA. (mm) | INSIDE DIA. (d1) (mm) | WEIGHT (kg) | | JOINT EFFICIENCY (%) | | 30' JOINT MUD DISPLACEMENT (m ³) | | |
| | REGULAR COUPLING | | | W | 180.59 | 156.18 | 8.05 | | 102 | | 0.0346 | |
| | SPECIAL CLEARANCE COUPLING | | | Wc | 176.38 | 156.18 | 5.82 | | 70 | | 0.0343 | |
| LENGTH OF COUPLING (mm) | | | NL | 240.28 | | 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 | 94.74 | | | | | | | | |