

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **339.72 mm**

NOMINAL WEIGHT: **90.78 kg/m**

WALL THICKNESS: **10.92 mm**

THREADS PER INCH: **5**



| P I P E B O D Y | OUTSIDE DIA. (mm) | D | 339.72 | INSIDE DIA. (mm) | d | 317.88 | DRIFT DIA. (mm) | | | | 313.92 | PLAIN END WT (kg/m) | | 88.47 |
|---|---|---------------------------|------------------------|-----------------------|-------------------|--------|----------------------|--------|--|--------|---------|---------------------|------|-------|
| | GRADE | | | | | N80 | L80 | C90 | C95 | P110 | Q125 | 150 | | |
| | COLLAPSE RESISTANCE (MPa) | | | | | 11.5 | 11.5 | 11.5 | 11.5 | 11.5 | 11.5 | 11.5 | | |
| | INTERNAL YIELD PRESSURE (MPa) | | | | | 31.0 | 31.0 | 34.9 | 36.9 | 42.7 | 48.5 | 58.2 | | |
| | BODY YIELD STRENGTH (kN) | | | | | 6223 | 6223 | 7002 | 7388 | 8558 | 9724 | 11668 | | |
| | ULTIMATE STRENGTH (kN) | | | | | 7780 | 7388 | 7780 | 8167 | 9724 | 10502 | 12446 | | |
| NOMINAL CROSS-SECTIONAL AREA (mm ²) | | | | | 11282 | 11282 | 11282 | 11282 | 11282 | 11282 | 11282 | | | |
| M A K E U P | RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0 | | | | | | | | | | | | | |
| | REGULAR | | MINIMUM (Nm) | | 17210 | 17210 | 18100 | 18550 | 19880 | 21200 | 23440 | | | |
| | | | OPTIMUM (Nm) | | 19120 | 19120 | 20110 | 20610 | 22090 | 23560 | 26050 | | | |
| | | | MAXIMUM (Nm) | | 21030 | 21030 | 22110 | 22670 | 24300 | 25920 | 28650 | | | |
| | | | BODY YIELD TORQUE (Nm) | | 572300 | 572300 | 643850 | 679620 | 786920 | 894230 | 1073080 | | | |
| | SPECIAL CLEARANCE | | MINIMUM (Nm) | | 15480 | 15480 | 16300 | 16690 | 17880 | 19090 | 21080 | | | |
| | | | OPTIMUM (Nm) | | 17210 | 17210 | 18100 | 18550 | 19880 | 21200 | 23430 | | | |
| | | | MAXIMUM (Nm) | | 18930 | 18930 | 19920 | 20410 | 21870 | 23320 | 25770 | | | |
| | C O N N E C T I O N | COLLAPSE RESISTANCE (MPa) | | | | | 11.5 | 11.5 | 11.5 | 11.5 | 11.5 | 11.5 | 11.5 | |
| COMPRESSION RESISTANCE (%) | | | | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | | | |
| TENSILE EFFICIENCY (%) | | | | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | | | |
| INTERNAL YIELD PRESSURE (MPa) | | | | | 31.0 | 31.0 | 34.9 | 36.9 | 42.7 | 48.5 | 58.2 | | | |
| MAXIMUM BENDING ANGLE (° PER 30m) | | | | | 29 | 29 | 32 | 34 | 40 | 45 | 54 | | | |
| BOX CRITICAL CROSS-SECTIONAL AREA (mm ²) | | | | | 11501 | 11501 | 11501 | 11501 | 11501 | 11501 | 11501 | | | |
| MAXIMUM LOAD OF REG. COUPLING FACE (kN) | | | | | 3745 | 3745 | 4217 | 4448 | 5151 | 5854 | 7028 | | | |
| MAXIMUM LOAD OF S.C. COUPLING FACE (kN) | | | | | 1770 | 1770 | 1988 | 2100 | 2433 | 2762 | 3318 | | | |
| | | | | | PARTING LOAD (kN) | | | | | | | | | |
| REGULAR COUPLING O.D. | | | | | 6343 | 6179 | 6735 | 7090 | 8318 | 9226 | 11005 | | | |
| SPECIAL CLEARANCE COUPLING O.D. | | | | | 5178 | 4920 | 5178 | 5436 | 6472 | 6988 | 8283 | | | |
| | | | OUTSIDE DIA. (mm) | INSIDE DIA. (d1) (mm) | WEIGHT (kg) | | JOINT EFFICIENCY (%) | | 30' JOINT MUD DISPLACEMENT (m ³) | | | | | |
| REGULAR COUPLING | | | W | 356.82 | 320.42 | 30.29 | | 102 | | 0.1061 | | | | |
| SPECIAL CLEARANCE COUPLING | | | Wc | 350.34 | 320.42 | 21.22 | | 70 | | 0.1049 | | | | |
| LENGTH OF COUPLING (mm) | | | NL | 321.56 | | | | | | | | | | |
| MAKE UP LOSS (mm) | | | ML | 135.38 | | | | | | | | | | |
| The above information is for reference only. The information is subject to change or modification without notice. Please contact HSC for the latest information | | | | | | | | | | | | | | |