

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **273.05 mm**

NOMINAL WEIGHT: **67.71 kg/m**

WALL THICKNESS: **10.16 mm**

THREADS PER INCH: **5**



| P I P E B O D Y | OUTSIDE DIA. (mm) | D | 273.05 | INSIDE DIA. (mm) | d | 252.73 | DRIFT DIA. (mm) | | | | 248.77 | PLAIN END WT (kg/m) | | 65.81 |
|---|---|---------------------------|------------------------|-------------------|-----------------------|-------------|-----------------|----------------------|--------|--|--------|---------------------|------|-------|
| | GRADE | | | | | N80 | L80 | C90 | C95 | P110 | Q125 | 150 | | |
| | COLLAPSE RESISTANCE (MPa) | | | | | 17.0 | 17.0 | 17.7 | 17.8 | 18.0 | 18.0 | 18.0 | | |
| | INTERNAL YIELD PRESSURE (MPa) | | | | | 35.9 | 35.9 | 40.4 | 42.7 | 49.4 | 56.1 | 67.3 | | |
| | BODY YIELD STRENGTH (kN) | | | | | 4626 | 4626 | 5209 | 5498 | 6365 | 7233 | 8678 | | |
| | ULTIMATE STRENGTH (kN) | | | | | 5787 | 5498 | 5787 | 6076 | 7233 | 7811 | 9257 | | |
| NOMINAL CROSS-SECTIONAL AREA (mm ²) | | | | | 8391 | 8391 | 8391 | 8391 | 8391 | 8391 | 8391 | | | |
| M A K E U P | RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0 | | | | | | | | | | | | | |
| | REGULAR | | MINIMUM (Nm) | | | 11000 | 11000 | 11520 | 11770 | 12570 | 13350 | 14660 | | |
| | | | OPTIMUM (Nm) | | | 12220 | 12220 | 12800 | 13080 | 13960 | 14830 | 16280 | | |
| | | | MAXIMUM (Nm) | | | 13440 | 13440 | 14070 | 14400 | 15360 | 16310 | 17910 | | |
| | | | BODY YIELD TORQUE (Nm) | | | 338680 | 338680 | 381010 | 402180 | 465680 | 529190 | 635020 | | |
| | SPECIAL CLEARANCE | | MINIMUM (Nm) | | | 9900 | 9900 | 10370 | 10600 | 11310 | 12010 | 13190 | | |
| | | | OPTIMUM (Nm) | | | 11000 | 11000 | 11520 | 11780 | 12570 | 13340 | 14660 | | |
| | | | MAXIMUM (Nm) | | | 12090 | 12090 | 12680 | 12960 | 13830 | 14670 | 16120 | | |
| | C O N N E C T I O N | COLLAPSE RESISTANCE (MPa) | | | | | 17.0 | 17.0 | 17.7 | 17.8 | 18.0 | 18.0 | 18.0 | |
| COMPRESSION RESISTANCE (%) | | | | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | | | |
| TENSILE EFFICIENCY (%) | | | | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | | | |
| INTERNAL YIELD PRESSURE (MPa) | | | | | 35.9 | 35.9 | 40.4 | 42.7 | 49.4 | 56.1 | 67.3 | | | |
| MAXIMUM BENDING ANGLE (° PER 30m) | | | | | 36 | 36 | 41 | 43 | 50 | 57 | 68 | | | |
| BOX CRITICAL CROSS-SECTIONAL AREA (mm ²) | | | | | 8559 | 8559 | 8559 | 8559 | 8559 | 8559 | 8559 | | | |
| MAXIMUM LOAD OF REG. COUPLING FACE (kN) | | | | | 2633 | 2633 | 2963 | 3127 | 3621 | 4115 | 4938 | | | |
| MAXIMUM LOAD OF S.C. COUPLING FACE (kN) | | | | | 1157 | 1157 | 1299 | 1370 | 1588 | 1806 | 2166 | | | |
| | | | | | PARTING LOAD (kN) | | | | | | | | | |
| REGULAR COUPLING O.D. | | | | | 4880 | 4728 | 5111 | 5378 | 6330 | 6984 | 8318 | | | |
| SPECIAL CLEARANCE COUPLING O.D. | | | | | 3843 | 3652 | 3843 | 4039 | 4804 | 5191 | 6152 | | | |
| | | | | OUTSIDE DIA. (mm) | INSIDE DIA. (d1) (mm) | WEIGHT (kg) | | JOINT EFFICIENCY (%) | | 30' JOINT MUD DISPLACEMENT (m ³) | | | | |
| REGULAR COUPLING | | | | W | 288.54 | 255.27 | 22.34 | | 102 | | 0.0789 | | | |
| SPECIAL CLEARANCE COUPLING | | | | Wc | 282.55 | 255.27 | 15.56 | | 70 | | 0.0780 | | | |
| 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 | | | | | | | | | | | | | | |