

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **127.00 mm**

NOMINAL WEIGHT: **31.85 kg/m**

WALL THICKNESS: **11.10 mm**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (mm)	D	127.00	INSIDE DIA. (mm)	d	104.80	DRIFT DIA. (mm)		101.63	PLAIN END WT (kg/m)		31.70
	GRADE			N80	L80	C90	C95	P110	Q125	150		
	COLLAPSE RESISTANCE (MPa)			88.0	88.0	99.0	104.5	121.0	137.5	165.0		
	INTERNAL YIELD PRESSURE (MPa)			84.4	84.4	94.9	100.2	116.0	131.8	158.2		
	BODY YIELD STRENGTH (kN)			2229	2229	2509	2647	3065	3483	4181		
	ULTIMATE STRENGTH (kN)			2785	2647	2785	2927	3483	3763	4457		
	NOMINAL CROSS-SECTIONAL AREA (mm ²)			4042	4042	4042	4042	4042	4042	4042		

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0								
	REGULAR	MINIMUM (Nm)	8430	8430	8840	9060	9690	10300	11360
		OPTIMUM (Nm)	9370	9370	9830	10060	10770	11460	12620
		MAXIMUM (Nm)	10300	10300	10820	11060	11840	12610	13880
		BODY YIELD TORQUE (Nm)	68690	68690	77280	81570	94450	107330	128790
	SPECIAL CLEARANCE	MINIMUM (Nm)	7590	7590	7970	8150	8720	9290	10220
		OPTIMUM (Nm)	8430	8430	8850	9060	9680	10320	11360
		MAXIMUM (Nm)	9270	9270	9730	9970	10640	11350	12500

CONNECTION	COLLAPSE RESISTANCE (MPa)			88.0	88.0	99.0	104.5	121.0	137.5	165.0	
	COMPRESSION RESISTANCE (%)			100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)			100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (MPa)			84.4	84.4	94.9	100.2	116.0	131.8	158.2	
	MAXIMUM BENDING ANGLE (° PER 30m)			87	87	98	104	120	137	164	
	BOX CRITICAL CROSS-SECTIONAL AREA (mm ²)			4125	4125	4125	4125	4125	4125	4125	
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)			1570	1570	1766	1864	2157	2451	2940	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)			859	859	965	1019	1179	1339	1610	
	PARTING LOAD (kN)										
	REGULAR COUPLING O.D.			2522	2415	2571	2705	3203	3492	4146	
SPECIAL CLEARANCE COUPLING O.D.			1850	1757	1850	1944	2313	2500	2963		
		OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m ³)			
REGULAR COUPLING		W	144.91	107.34	9.01		102		0.0379		
SPECIAL CLEARANCE COUPLING		Wc	139.09	107.34	6.56		70		0.0375		
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								