

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **273.05 mm**

NOMINAL WEIGHT: **75.90 kg/m**

WALL THICKNESS: **11.43 mm**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (mm)	D	273.05	INSIDE DIA. (mm)	d	250.19	DRIFT DIA. (mm)		246.23	PLAIN END WT (kg/m)		73.66
	GRADE			N80	L80	C90	C95	P110	Q125	150		
	COLLAPSE RESISTANCE (MPa)			22.1	22.1	23.4	24.0	25.2	25.8	25.9		
	INTERNAL YIELD PRESSURE (MPa)			40.4	40.4	45.5	48.0	55.6	63.1	75.8		
	BODY YIELD STRENGTH (kN)			5182	5182	5832	6152	7126	8096	9715		
	ULTIMATE STRENGTH (kN)			6477	6152	6477	6801	8096	8745	10364		
	NOMINAL CROSS-SECTIONAL AREA (mm ²)			9394	9394	9394	9394	9394	9394	9394		
MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR	MINIMUM (Nm)		13820	13820	14410	14700	15590	16490	17980		
		OPTIMUM (Nm)		15350	15350	16010	16340	17330	18320	19970		
		MAXIMUM (Nm)		16880	16880	17610	17980	19060	20150	21960		
	BODY YIELD TORQUE (Nm)		375670	375670	422640	446120	516550	586990	704390			
	SPECIAL CLEARANCE	MINIMUM (Nm)		12430	12430	12980	13230	14050	14830	16170		
		OPTIMUM (Nm)		13820	13820	14410	14710	15610	16490	17980		
MAXIMUM (Nm)		15200	15200	15850	16190	17160	18140	19780				
CONNECTION	COLLAPSE RESISTANCE (MPa)			22.1	22.1	23.4	24.0	25.2	25.8	25.9		
	COMPRESSION RESISTANCE (%)			100	100	100	100	100	100	100		
	TENSILE EFFICIENCY (%)			100	100	100	100	100	100	100		
	INTERNAL YIELD PRESSURE (MPa)			40.4	40.4	45.5	48.0	55.6	63.1	75.8		
	MAXIMUM BENDING ANGLE (° PER 30m)			37	37	41	44	50	57	69		
	BOX CRITICAL CROSS-SECTIONAL AREA (mm ²)			9587	9587	9587	9587	9587	9587	9587		
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)			3198	3198	3599	3799	4399	4995	5996		
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)			1539	1539	1735	1828	2117	2406	2887		
	PARTING LOAD (kN)											
	REGULAR COUPLING O.D.			5462	5293	5725	6023	7090	7820	9315		
	SPECIAL CLEARANCE COUPLING O.D.			4306	4088	4306	4519	5378	5809	6886		
			OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m ³)			
	REGULAR COUPLING		W	290.80	252.73	25.35		102		0.0884		
SPECIAL CLEARANCE COUPLING		Wc	284.12	252.73	17.74		70		0.0874			
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									