

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **273.05 mm**

NOMINAL WEIGHT: **90.33 kg/m**

WALL THICKNESS: **13.84 mm**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (mm)	D	273.05	INSIDE DIA. (mm)	d	245.36	DRIFT DIA. (mm)				241.40	PLAIN END WT (kg/m)		88.40
	GRADE					N80	L80	C90	C95	P110	Q125	150		
	COLLAPSE RESISTANCE (MPa)					35.6	35.6	37.6	38.5	40.5	41.9	45.2		
	INTERNAL YIELD PRESSURE (MPa)					48.9	48.9	55.1	58.1	67.3	76.5	91.8		
	BODY YIELD STRENGTH (kN)					6219	6219	6997	7384	8549	9715	11659		
	ULTIMATE STRENGTH (kN)					7771	7384	7771	8162	9715	10493	12437		
	NOMINAL CROSS-SECTIONAL AREA (mm ²)					11273	11273	11273	11273	11273	11273	11273		
MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0													
	REGULAR		MINIMUM (Nm)		19180	19180	19920	20280	21370	22470	24300			
			OPTIMUM (Nm)		21310	21310	22130	22530	23740	24960	26990			
			MAXIMUM (Nm)		23440	23440	24340	24780	26110	27460	29690			
			BODY YIELD TORQUE (Nm)		442930	442930	498290	525980	609020	692080	830490			
	SPECIAL CLEARANCE		MINIMUM (Nm)		17270	17270	17920	18250	19230	20220	21860			
			OPTIMUM (Nm)		19180	19180	19920	20270	21370	22470	24280			
			MAXIMUM (Nm)		21110	21110	21910	22300	23510	24720	26710			
	CONNECTION	COLLAPSE RESISTANCE (MPa)					35.6	35.6	37.6	38.5	40.5	41.9	45.2	
COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100			
TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100			
INTERNAL YIELD PRESSURE (MPa)					48.9	48.9	55.1	58.1	67.3	76.5	91.8			
MAXIMUM BENDING ANGLE (° PER 30m)					37	37	42	44	51	58	70			
BOX CRITICAL CROSS-SECTIONAL AREA (mm ²)					11504	11504	11504	11504	11504	11504	11504			
MAXIMUM LOAD OF REG. COUPLING FACE (kN)					4252	4252	4782	5049	5845	6641	7971			
MAXIMUM LOAD OF S.C. COUPLING FACE (kN)					2269	2269	2549	2691	3118	3541	4248			
					PARTING LOAD (kN)									
REGULAR COUPLING O.D.					6552	6352	6868	7228	8505	9381	11178			
SPECIAL CLEARANCE COUPLING O.D.					5169	4911	5169	5427	6463	6979	8274			
		OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)	JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m ³)							
REGULAR COUPLING		W	294.97	247.90	30.97	102		0.1062						
SPECIAL CLEARANCE COUPLING		Wc	287.07	247.90	21.87	70		0.1050						
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											