

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **250.82 mm**

NOMINAL WEIGHT: **104.92 kg/m**

WALL THICKNESS: **18.29 mm**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (mm)	D	250.82	INSIDE DIA. (mm)	d	214.25	DRIFT DIA. (mm)				210.29	PLAIN END WT (kg/m)		104.77
	GRADE						N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (MPa)						73.2	73.2	80.4	83.9	94.0	103.6	117.9	
	INTERNAL YIELD PRESSURE (MPa)						70.4	70.4	79.2	83.6	96.8	110.0	132.0	
	BODY YIELD STRENGTH (kN)						7371	7371	8291	8750	10133	11516	13816	
	ULTIMATE STRENGTH (kN)						9212	8750	9212	9670	11516	12437	14737	
	NOMINAL CROSS-SECTIONAL AREA (mm ²)						13360	13360	13360	13360	13360	13360	13360	

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0								
	REGULAR	MINIMUM (Nm)		25350	25350	26100	26470	27590	28700
OPTIMUM (Nm)		28170	28170	29000	29410	30660	31890	33950	
MAXIMUM (Nm)		30990	30990	31900	32350	33720	35080	37340	
	BODY YIELD TORQUE (Nm)		461440	461440	519130	547970	634480	721010	865200
SPECIAL CLEARANCE	MINIMUM (Nm)		22820	22820	23480	23840	24840	25830	27510
	OPTIMUM (Nm)		25350	25350	26100	26480	27590	28700	30560
	MAXIMUM (Nm)		27890	27890	28720	29120	30340	31580	33610

CONNECTION	COLLAPSE RESISTANCE (MPa)		73.2	73.2	80.4	83.9	94.0	103.6	117.9	
	COMPRESSION RESISTANCE (%)		100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)		100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (MPa)		70.4	70.4	79.2	83.6	96.8	110.0	132.0	
	MAXIMUM BENDING ANGLE (° PER 30m)		43	43	48	51	59	67	80	
	BOX CRITICAL CROSS-SECTIONAL AREA (mm ²)		13627	13627	13627	13627	13627	13627	13627	
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)		5720	5720	6437	6792	7864	8941	10729	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)		3372	3372	3794	4003	4635	5271	6325	
	PARTING LOAD (kN)									
	REGULAR COUPLING O.D.		7851	7598	8194	8621	10160	11183	13318	
SPECIAL CLEARANCE COUPLING O.D.		6125	5818	6125	6432	7660	8269	9804		
		OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m ³)		
REGULAR COUPLING		W	280.29	216.79	35.76		102	0.1258		
SPECIAL CLEARANCE COUPLING		Wc	270.41	216.79	25.66		70	0.1245		
LENGTH OF COUPLING (mm)		NL	301.24	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	125.22							