

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **250.82 mm**

NOMINAL WEIGHT: **107.15 kg/m**

WALL THICKNESS: **18.42 mm**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (mm)	D	250.82	INSIDE DIA. (mm)	d	214.00	DRIFT DIA. (mm)				210.03	PLAIN END WT (kg/m)		105.44
	GRADE						N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (MPa)						74.0	74.0	81.4	85.0	95.4	105.1	119.8	
	INTERNAL YIELD PRESSURE (MPa)						70.9	70.9	79.7	84.2	97.4	110.7	132.9	
	BODY YIELD STRENGTH (kN)						7415	7415	8345	8807	10195	11588	13905	
	ULTIMATE STRENGTH (kN)						9270	8807	9270	9733	11588	12513	14830	
	NOMINAL CROSS-SECTIONAL AREA (mm ²)						13445	13445	13445	13445	13445	13445	13445	

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0								
	REGULAR	MINIMUM (Nm)		25570	25570	26320	26680	27810	28920
OPTIMUM (Nm)		28420	28420	29240	29650	30900	32130	34210	
MAXIMUM (Nm)		31270	31270	32170	32620	33990	35350	37620	
	BODY YIELD TORQUE (Nm)		463930	463930	521920	550910	637900	724890	869870
SPECIAL CLEARANCE	MINIMUM (Nm)		23010	23010	23690	24030	25030	26030	27700
	OPTIMUM (Nm)		25570	25570	26320	26700	27810	28920	30780
	MAXIMUM (Nm)		28130	28130	28950	29370	30590	31810	33850

CONNECTION	COLLAPSE RESISTANCE (MPa)		74.0	74.0	81.4	85.0	95.4	105.1	119.8	
	COMPRESSION RESISTANCE (%)		100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)		100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (MPa)		70.9	70.9	79.7	84.2	97.4	110.7	132.9	
	MAXIMUM BENDING ANGLE (° PER 30m)		43	43	48	51	59	67	80	
	BOX CRITICAL CROSS-SECTIONAL AREA (mm ²)		13717	13717	13717	13717	13717	13717	13717	
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)		5769	5769	6490	6850	7936	9017	10818	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)		3403	3403	3825	4039	4680	5316	6379	
	PARTING LOAD (kN)									
	REGULAR COUPLING O.D.		7904	7646	8247	8678	10222	11254	13402	
SPECIAL CLEARANCE COUPLING O.D.		6161	5854	6161	6472	7704	8318	9857		
		OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m ³)		
REGULAR COUPLING		W	280.49	216.54	36.01		102	0.1266		
SPECIAL CLEARANCE COUPLING		Wc	270.54	216.54	25.83		70	0.1253		
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							