

# TECHNICAL INFORMATION - HSC HICOM

# CASING



SIZE: **346.08 mm**

NOMINAL WEIGHT: **131.26 kg/m**

WALL THICKNESS: **15.88 mm**

THREADS PER INCH: **5**



P I P E B O D Y	OUTSIDE DIA. (mm)	D	346.08	INSIDE DIA. (mm)	d	314.32	DRIFT DIA. (mm)	309.55	PLAIN END WT (kg/m)		129.13	
	GRADE				N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (MPa)				27.4	27.4	28.5	29.3	31.5	33.1	34.3	
	INTERNAL YIELD PRESSURE (MPa)				44.3	44.3	49.8	52.6	60.9	69.2	83.0	
	BODY YIELD STRENGTH (kN)				9083	9083	10218	10787	12491	14194	17032	
	ULTIMATE STRENGTH (kN)				11356	10787	11356	11921	14194	15329	18167	
NOMINAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )				16468	16468	16468	16468	16468	16468	16468	16468	
<b>RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0</b>												
M A K E U P	REGULAR		MINIMUM (Nm)		33230	33230	34400	34980	36730	38480	41380	
			OPTIMUM (Nm)		36920	36920	38220	38870	40810	42750	45980	
			MAXIMUM (Nm)		40610	40610	42040	42760	44890	47020	50570	
			BODY YIELD TORQUE (Nm)		828030	828030	931530	983280	1138530	1293790	1552560	
	SPECIAL CLEARANCE		MINIMUM (Nm)		29910	29910	30950	31480	33050	34630	37240	
			OPTIMUM (Nm)		33230	33230	34400	34980	36730	38480	41380	
MAXIMUM (Nm)			36550	36550	37840	38480	40400	42330	45510			
C O N N E C T I O N	COLLAPSE RESISTANCE (MPa)				27.4	27.4	28.5	29.3	31.5	33.1	34.3	
	COMPRESSION RESISTANCE (%)				100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)				100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (MPa)				44.3	44.3	49.8	52.6	60.9	69.2	83.0	
	MAXIMUM BENDING ANGLE (° PER 30m)				29	29	33	35	40	46	55	
	BOX CRITICAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )				16801	16801	16801	16801	16801	16801	16801	
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)				6615	6615	7442	7856	9097	10333	12402	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)				3710	3710	4177	4408	5102	5800	6961	
					<b>PARTING LOAD (kN)</b>							
	REGULAR COUPLING O.D.				9226	8999	9808	10329	12113	13443	16040	
	SPECIAL CLEARANCE COUPLING O.D.				7549	7171	7549	7927	9435	10191	12077	
			OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m <sup>3</sup> )			
	REGULAR COUPLING		W	371.98	316.86	45.78		102		0.1552		
	SPECIAL CLEARANCE COUPLING		Wc	362.84	316.86	32.47		70		0.1535		
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									