

# TECHNICAL INFORMATION - HSC HICOM

# CASING



SIZE: **244.48 mm**

NOMINAL WEIGHT: **79.62 kg/m**

WALL THICKNESS: **13.84 mm**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (mm)	D	244.48	INSIDE DIA. (mm)	d	216.79	DRIFT DIA. (mm)	212.83	PLAIN END WT (kg/m)		78.65
	GRADE			N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (MPa)			45.6	45.6	49.1	50.6	54.8	58.2	61.8	
	INTERNAL YIELD PRESSURE (MPa)			54.7	54.7	61.5	64.9	75.2	85.4	102.5	
	BODY YIELD STRENGTH (kN)			5534	5534	6223	6570	7606	8643	10373	
	ULTIMATE STRENGTH (kN)			6917	6570	6917	7259	8643	9337	11063	
	NOMINAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )			10030	10030	10030	10030	10030	10030	10030	
MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0										
	REGULAR	MINIMUM (Nm)		17110	17110	17760	18100	19090	20070	21720	
		OPTIMUM (Nm)		19010	19010	19740	20110	21200	22300	24130	
		MAXIMUM (Nm)		20910	20910	21720	22110	23320	24540	26550	
		BODY YIELD TORQUE (Nm)		348730	348730	392320	414110	479500	544890	653860	
	SPECIAL CLEARANCE	MINIMUM (Nm)		15400	15400	15990	16300	17180	18070	19550	
		OPTIMUM (Nm)		17110	17110	17760	18100	19090	20080	21720	
		MAXIMUM (Nm)		18820	18820	19540	19920	21000	22090	23890	
	CONNECTION	COLLAPSE RESISTANCE (MPa)			45.6	45.6	49.1	50.6	54.8	58.2	61.8
COMPRESSION RESISTANCE (%)			100	100	100	100	100	100	100		
TENSILE EFFICIENCY (%)			100	100	100	100	100	100	100		
INTERNAL YIELD PRESSURE (MPa)			54.7	54.7	61.5	64.9	75.2	85.4	102.5		
MAXIMUM BENDING ANGLE (° PER 30m)			42	42	48	50	58	66	79		
BOX CRITICAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )			10226	10226	10226	10226	10226	10226	10226		
MAXIMUM LOAD OF REG. COUPLING FACE (kN)			3897	3897	4381	4626	5356	6090	7304		
MAXIMUM LOAD OF S.C. COUPLING FACE (kN)			2135	2135	2398	2531	2931	3332	3999		
PARTING LOAD (kN)											
REGULAR COUPLING O.D.			5912	5716	6165	6486	7642	8407	10013		
SPECIAL CLEARANCE COUPLING O.D.			4595	4368	4595	4826	5747	6205	7353		
			OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (m <sup>3</sup> )				
		REGULAR COUPLING	W	266.70	219.33	26.35	102	0.0943			
		SPECIAL CLEARANCE COUPLING	Wc	258.93	219.33	18.77	70	0.0934			
	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								