

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **250.82 mm**

NOMINAL WEIGHT: **93.46 kg/m**

WALL THICKNESS: **15.88 mm**

THREADS PER INCH: **5**



P I P E B O D Y	OUTSIDE DIA. (mm)	D	250.82	INSIDE DIA. (mm)	d	219.08	DRIFT DIA. (mm)	215.11	PLAIN END WT (kg/m)		91.88		
	GRADE						N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (MPa)						57.0	57.0	61.9	64.3	70.9	76.8	84.8
	INTERNAL YIELD PRESSURE (MPa)						61.1	61.1	68.7	72.5	84.0	95.5	114.5
	BODY YIELD STRENGTH (kN)						6463	6463	7273	7673	8888	10097	12117
	ULTIMATE STRENGTH (kN)						8078	7673	8078	8483	10097	10907	12927
NOMINAL CROSS-SECTIONAL AREA (mm ²)						11718	11718	11718	11718	11718	11718	11718	
RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0													
M A K E U P	REGULAR		MINIMUM (Nm)		21290	21290	21990	22340	23400	24470	26260		
			OPTIMUM (Nm)		23650	23650	24430	24830	26000	27200	29180		
			MAXIMUM (Nm)		26000	26000	26870	27310	28610	29920	32090		
			BODY YIELD TORQUE (Nm)		412490	412490	464060	489830	567180	644520	773430		
	SPECIAL CLEARANCE		MINIMUM (Nm)		19140	19140	19790	20110	21070	22020	23620		
			OPTIMUM (Nm)		21270	21270	21990	22340	23410	24470	26250		
MAXIMUM (Nm)			23400	23400	24190	24580	25760	26930	28880				
C O N N E C T I O N	COLLAPSE RESISTANCE (MPa)						57.0	57.0	61.9	64.3	70.9	76.8	84.8
	COMPRESSION RESISTANCE (%)						100	100	100	100	100	100	100
	TENSILE EFFICIENCY (%)						100	100	100	100	100	100	100
	INTERNAL YIELD PRESSURE (MPa)						61.1	61.1	68.7	72.5	84.0	95.5	114.5
	MAXIMUM BENDING ANGLE (° PER 30m)						42	42	47	50	58	65	78
	BOX CRITICAL CROSS-SECTIONAL AREA (mm ²)						11950	11950	11950	11950	11950	11950	11950
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)						4800	4800	5400	5698	6601	7500	8999
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)						2740	2740	3083	3256	3768	4284	5142
							PARTING LOAD (kN)						
	REGULAR COUPLING O.D.						6886	6663	7188	7562	8910	9808	11681
	SPECIAL CLEARANCE COUPLING O.D.						5373	5107	5373	5645	6717	7255	8598
					OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)	JOINT EFFICIENCY (%)	30° JOINT MUD DISPLACEMENT (m ³)				
	REGULAR COUPLING				W	276.45	221.62	31.08	102	0.1103			
	SPECIAL CLEARANCE COUPLING				Wc	267.69	221.62	22.24	70	0.1092			
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								