

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **193.68 mm**

NOMINAL WEIGHT: **50.15 kg/m**

WALL THICKNESS: **10.92 mm**

THREADS PER INCH: **5**



P I P E B O D Y	OUTSIDE DIA. (mm)	D	193.68	INSIDE DIA. (mm)	d	171.83	DRIFT DIA. (mm)	168.66	PLAIN END WT (kg/m)		49.17
	GRADE				N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (MPa)				45.2	45.2	48.6	50.2	54.3	57.6	61.0
	INTERNAL YIELD PRESSURE (MPa)				54.4	54.4	61.2	64.6	74.8	85.1	102.1
	BODY YIELD STRENGTH (kN)				3461	3461	3892	4106	4755	5405	6486
	ULTIMATE STRENGTH (kN)				4324	4106	4324	4542	5405	5836	6917
NOMINAL CROSS-SECTIONAL AREA (mm ²)				6271	6271	6271	6271	6271	6271	6271	6271
M A K E U P	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0										
	REGULAR		MINIMUM (Nm)		11020	11020	11590	11880	12740	13610	15040
			OPTIMUM (Nm)		12240	12240	12880	13190	14150	15120	16700
			MAXIMUM (Nm)		13460	13460	14170	14510	15560	16620	18370
			BODY YIELD TORQUE (Nm)		172800	172800	194400	205200	237590	270000	324000
	SPECIAL CLEARANCE		MINIMUM (Nm)		9910	9910	10440	10680	11470	12240	13530
			OPTIMUM (Nm)		11010	11010	11590	11880	12740	13600	15040
			MAXIMUM (Nm)		12110	12110	12760	13070	14020	14950	16540
	C O N N E C T I O N	COLLAPSE RESISTANCE (MPa)				45.2	45.2	48.6	50.2	54.3	57.6
COMPRESSION RESISTANCE (%)				100	100	100	100	100	100	100	
TENSILE EFFICIENCY (%)				100	100	100	100	100	100	100	
INTERNAL YIELD PRESSURE (MPa)				54.4	54.4	61.2	64.6	74.8	85.1	102.1	
MAXIMUM BENDING ANGLE (° PER 30m)				53	53	60	63	73	83	100	
BOX CRITICAL CROSS-SECTIONAL AREA (mm ²)				6399	6399	6399	6399	6399	6399	6399	
MAXIMUM LOAD OF REG. COUPLING FACE (kN)				2358	2358	2651	2798	3243	3683	4422	
MAXIMUM LOAD OF S.C. COUPLING FACE (kN)				1254	1254	1415	1490	1726	1962	2358	
				PARTING LOAD (kN)							
REGULAR COUPLING O.D.				3790	3648	3914	4115	4862	5325	6334	
SPECIAL CLEARANCE COUPLING O.D.				2878	2736	2878	3020	3599	3883	4604	
		OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m ³)			
REGULAR COUPLING		W	211.73	174.37	14.73		102		0.0588		
SPECIAL CLEARANCE COUPLING		Wc	205.61	174.37	10.63		70		0.0583		
LENGTH OF COUPLING (mm)		NL	260.60								
MAKE UP LOSS (mm)		ML	104.90								
The above information is for reference only. The information is subject to change or modification without notice. Please contact HSC for the latest information											