

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **193.68 mm**

NOMINAL WEIGHT: **58.04 kg/m**

WALL THICKNESS: **12.70 mm**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (mm)	D	193.68	INSIDE DIA. (mm)	d	168.28	DRIFT DIA. (mm)		165.10	PLAIN END WT (kg/m)		56.62
	GRADE			N80	L80	C90	C95	P110	Q125	150		
	COLLAPSE RESISTANCE (MPa)			60.8	60.8	66.3	68.9	76.4	83.2	92.7		
	INTERNAL YIELD PRESSURE (MPa)			63.3	63.3	71.2	75.2	87.0	98.9	118.7		
	BODY YIELD STRENGTH (kN)			3981	3981	4479	4728	5476	6223	7469		
	ULTIMATE STRENGTH (kN)			4978	4728	4978	5227	6223	6721	7967		
	NOMINAL CROSS-SECTIONAL AREA (mm ²)			7221	7221	7221	7221	7221	7221	7221		

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0								
	REGULAR	MINIMUM (Nm)	12270	12270	12800	13070	13860	14660	15990
		OPTIMUM (Nm)	13640	13640	14220	14520	15400	16280	17760
		MAXIMUM (Nm)	15010	15010	15650	15970	16950	17910	19540
		BODY YIELD TORQUE (Nm)	195390	195390	219810	232020	268660	305290	366340
	SPECIAL CLEARANCE	MINIMUM (Nm)	11050	11050	11520	11770	12490	13190	14390
		OPTIMUM (Nm)	12280	12280	12810	13070	13870	14660	15990
		MAXIMUM (Nm)	13520	13520	14100	14370	15250	16120	17580

CONNECTION	COLLAPSE RESISTANCE (MPa)			60.8	60.8	66.3	68.9	76.4	83.2	92.7	
	COMPRESSION RESISTANCE (%)			100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)			100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (MPa)			63.3	63.3	71.2	75.2	87.0	98.9	118.7	
	MAXIMUM BENDING ANGLE (° PER 30m)			54	54	61	65	75	85	102	
	BOX CRITICAL CROSS-SECTIONAL AREA (mm ²)			7369	7369	7369	7369	7369	7369	7369	
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)			2891	2891	3252	3430	3972	4515	5418	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)			1619	1619	1819	1922	2224	2527	3034	
				PARTING LOAD (kN)							
	REGULAR COUPLING O.D.			4364	4204	4506	4737	5596	6134	7295	
SPECIAL CLEARANCE COUPLING O.D.			3309	3145	3309	3474	4137	4466	5293		
		OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (m ³)					
	REGULAR COUPLING	W	214.63	170.82	17.11	102	0.0677				
	SPECIAL CLEARANCE COUPLING	Wc	207.64	170.82	12.38	70	0.0671				
	LENGTH OF COUPLING (mm)	NL	260.60	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	104.90								