

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **193.68 mm**

NOMINAL WEIGHT: **53.28 kg/m**

WALL THICKNESS: **11.81 mm**

THREADS PER INCH: **5**



P I P E B O D Y	OUTSIDE DIA. (mm)	D	193.68	INSIDE DIA. (mm)	d	170.05	DRIFT DIA. (mm)				166.88	PLAIN END WT (kg/m)		52.92
	GRADE					N80	L80	C90	C95	P110	Q125	150		
	COLLAPSE RESISTANCE (MPa)					53.0	53.0	57.4	59.6	65.3	70.3	76.8		
	INTERNAL YIELD PRESSURE (MPa)					58.9	58.9	66.2	69.9	80.9	92.0	110.4		
	BODY YIELD STRENGTH (kN)					3723	3723	4186	4422	5120	5814	6979		
	ULTIMATE STRENGTH (kN)					4653	4422	4653	4884	5814	6281	7446		
NOMINAL CROSS-SECTIONAL AREA (mm ²)					6748	6748	6748	6748	6748	6748	6748			
M A K E U P	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0													
	REGULAR		MINIMUM (Nm)			11650	11650	12200	12470	13300	14130	15510		
			OPTIMUM (Nm)			12930	12930	13560	13860	14780	15700	17230		
			MAXIMUM (Nm)			14220	14220	14910	15240	16260	17270	18950		
			BODY YIELD TORQUE (Nm)			184270	184270	207300	218820	253360	287920	345500		
	SPECIAL CLEARANCE		MINIMUM (Nm)			10480	10480	10980	11230	11970	12720	13960		
			OPTIMUM (Nm)			11650	11650	12200	12470	13300	14130	15510		
			MAXIMUM (Nm)			12810	12810	13420	13720	14630	15540	17060		
	C O N N E C T I O N	COLLAPSE RESISTANCE (MPa)					53.0	53.0	57.4	59.6	65.3	70.3	76.8	
COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100			
TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100			
INTERNAL YIELD PRESSURE (MPa)					58.9	58.9	66.2	69.9	80.9	92.0	110.4			
MAXIMUM BENDING ANGLE (° PER 30m)					54	54	61	64	74	84	101			
BOX CRITICAL CROSS-SECTIONAL AREA (mm ²)					6883	6883	6883	6883	6883	6883	6883			
MAXIMUM LOAD OF REG. COUPLING FACE (kN)					2624	2624	2949	3114	3608	4097	4920			
MAXIMUM LOAD OF S.C. COUPLING FACE (kN)					1437	1437	1615	1708	1975	2246	2696			
					PARTING LOAD (kN)									
REGULAR COUPLING O.D.					4079	3928	4212	4430	5231	5734	6819			
SPECIAL CLEARANCE COUPLING O.D.					3092	2940	3092	3247	3866	4177	4951			
			OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30° JOINT MUD DISPLACEMENT (m ³)					
REGULAR COUPLING			W	213.18	174.37	15.72		102		0.0633				
SPECIAL CLEARANCE COUPLING			Wc	206.63	174.37	11.30		70		0.0627				
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														