

# TECHNICAL INFORMATION - HSC HICOM

# CASING



SIZE: **168.28 mm**

NOMINAL WEIGHT: **35.72 kg/m**

WALL THICKNESS: **8.94 mm**

THREADS PER INCH: **5**



P I P E B O D Y	OUTSIDE DIA. (mm)	D	168.28	INSIDE DIA. (mm)	d	150.39	DRIFT DIA. (mm)	147.22	PLAIN END WT (kg/m)		35.09	
	GRADE				N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (MPa)				39.7	39.7	42.3	43.5	46.4	48.4	50.6	
	INTERNAL YIELD PRESSURE (MPa)				51.3	51.3	57.7	60.9	70.5	80.1	96.2	
	BODY YIELD STRENGTH (kN)				2469	2469	2776	2931	3394	3857	4631	
	ULTIMATE STRENGTH (kN)				3087	2931	3087	3238	3857	4164	4938	
NOMINAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )				4475	4475	4475	4475	4475	4475	4475	4475	
RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0												
M A K E U P	REGULAR			MINIMUM (Nm)	8680	8680	9140	9380	10090	10790	11990	
				OPTIMUM (Nm)	9640	9640	10160	10430	11210	12000	13310	
				MAXIMUM (Nm)	10600	10600	11170	11470	12340	13210	14640	
				BODY YIELD TORQUE (Nm)	107860	107860	121330	128070	148300	168510	202220	
	SPECIAL CLEARANCE			MINIMUM (Nm)	7810	7810	8230	8450	9080	9710	10780	
				OPTIMUM (Nm)	8680	8680	9140	9380	10090	10790	11970	
MAXIMUM (Nm)				9540	9540	10050	10320	11090	11880	13160		
C O N N E C T I O N	COLLAPSE RESISTANCE (MPa)				39.7	39.7	42.3	43.5	46.4	48.4	50.6	
	COMPRESSION RESISTANCE (%)				100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)				100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (MPa)				51.3	51.3	57.7	60.9	70.5	80.1	96.2	
	MAXIMUM BENDING ANGLE (° PER 30m)				61	61	69	72	84	95	114	
	BOX CRITICAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )				4565	4565	4565	4565	4565	4565	4565	
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)				1592	1592	1788	1890	2189	2487	2985	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)				805	805	907	956	1108	1263	1512	
					PARTING LOAD (kN)							
	REGULAR COUPLING O.D.				2736	2633	2816	2958	3496	3825	4551	
	SPECIAL CLEARANCE COUPLING O.D.				2055	1953	2055	2157	2567	2771	3287	
				OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)	JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m <sup>3</sup> )			
	REGULAR COUPLING			W	183.36	152.93	9.86	102		0.0419		
	SPECIAL CLEARANCE COUPLING			Wc	178.33	152.93	7.17	70		0.0415		
LENGTH OF COUPLING (mm)			NL	240.28								
MAKE UP LOSS (mm)			ML	94.74								
The above information is for reference only. The information is subject to change or modification without notice. Please contact HSC for the latest information												