

# TECHNICAL INFORMATION - HSC HICOM

# CASING



SIZE: **339.72 mm**

NOMINAL WEIGHT: **114.59 kg/m**

WALL THICKNESS: **13.97 mm**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (mm)	D	339.72	INSIDE DIA. (mm)	d	311.78	DRIFT DIA. (mm)				307.82	PLAIN END WT (kg/m)		112.10
	GRADE				N80	L80	C90	C95	P110	Q125	150			
	COLLAPSE RESISTANCE (MPa)				21.4	21.4	22.5	23.0	24.1	24.5	24.5			
	INTERNAL YIELD PRESSURE (MPa)				39.7	39.7	44.7	47.1	54.6	62.0	74.4			
	BODY YIELD STRENGTH (kN)				7887	7887	8870	9364	10845	12322	14786			
	ULTIMATE STRENGTH (kN)				9857	9364	9857	10351	12322	13309	15773			
	NOMINAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )				14297	14297	14297	14297	14297	14297	14297			
MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0													
	REGULAR		MINIMUM (Nm)		26610	26610	27650	28160	29720	31280	33870			
			OPTIMUM (Nm)		29570	29570	30720	31290	33030	34750	37620			
			MAXIMUM (Nm)		32530	32530	33800	34420	36340	38220	41390			
			BODY YIELD TORQUE (Nm)		712370	712370	801420	845950	979510	1113090	1335700			
	SPECIAL CLEARANCE		MINIMUM (Nm)		23960	23960	24880	25340	26750	28150	30480			
			OPTIMUM (Nm)		26610	26610	27650	28160	29720	31280	33870			
			MAXIMUM (Nm)		29270	29270	30410	30980	32690	34410	37260			
	CONNECTION	COLLAPSE RESISTANCE (MPa)				21.4	21.4	22.5	23.0	24.1	24.5	24.5		
COMPRESSION RESISTANCE (%)				100	100	100	100	100	100	100				
TENSILE EFFICIENCY (%)				100	100	100	100	100	100	100				
INTERNAL YIELD PRESSURE (MPa)				39.7	39.7	44.7	47.1	54.6	62.0	74.4				
MAXIMUM BENDING ANGLE (° PER 30m)				29	29	33	35	40	46	55				
BOX CRITICAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )				14585	14585	14585	14585	14585	14585	14585				
MAXIMUM LOAD OF REG. COUPLING FACE (kN)				5445	5445	6125	6463	7486	8505	10209				
MAXIMUM LOAD OF S.C. COUPLING FACE (kN)				2927	2927	3296	3479	4026	4577	5489				
				PARTING LOAD (kN)										
REGULAR COUPLING O.D.				8033	7833	8532	8981	10542	11690	13950				
SPECIAL CLEARANCE COUPLING O.D.				6557	6228	6557	6886	8198	8852	10493				
		OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m <sup>3</sup> )						
REGULAR COUPLING		W	362.28	314.32	39.33		102		0.1347					
SPECIAL CLEARANCE COUPLING		Wc	354.15	314.32	27.80		70		0.1332					
LENGTH OF COUPLING (mm)		NL	321.56	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	135.38											