

# TECHNICAL INFORMATION - HSC HICOM

# CASING



SIZE: **355.60 mm**

NOMINAL WEIGHT: **148.82 kg/m**

WALL THICKNESS: **17.78 mm**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (mm)	D	355.60	INSIDE DIA. (mm)	d	320.04	DRIFT DIA. (mm)		315.26	PLAIN END WT (kg/m)		147.97
	GRADE				N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (MPa)				34.4	34.4	36.3	37.1	38.8	40.5	43.5	
	INTERNAL YIELD PRESSURE (MPa)				48.3	48.3	54.3	57.3	66.4	75.4	90.5	
	BODY YIELD STRENGTH (kN)				10409	10409	11708	12362	14310	16263	19514	
	ULTIMATE STRENGTH (kN)				13011	12362	13011	13660	16263	17566	20818	
	NOMINAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )				18870	18870	18870	18870	18870	18870	18870	
MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR		MINIMUM (Nm)		40080	40080	41310	41940	43780	45640	48730	
			OPTIMUM (Nm)		44540	44540	45910	46600	48650	50710	54140	
			MAXIMUM (Nm)		49000	49000	50500	51260	53510	55780	59550	
			BODY YIELD TORQUE (Nm)		966930	966930	1087800	1148230	1329530	1510830	1813000	
	SPECIAL CLEARANCE		MINIMUM (Nm)		36080	36080	37190	37750	39400	41070	43850	
			OPTIMUM (Nm)		40090	40090	41330	41940	43780	45640	48710	
MAXIMUM (Nm)			44100	44100	45460	46120	48160	50210	53580			
CONNECTION	COLLAPSE RESISTANCE (MPa)				34.4	34.4	36.3	37.1	38.8	40.5	43.5	
	COMPRESSION RESISTANCE (%)				100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)				100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (MPa)				48.3	48.3	54.3	57.3	66.4	75.4	90.5	
	MAXIMUM BENDING ANGLE (° PER 30m)				29	29	32	34	39	45	54	
	BOX CRITICAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )				19252	19252	19252	19252	19252	19252	19252	
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)				7891	7891	8879	9372	10849	12330	14795	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)				4564	4564	5138	5422	6276	7135	8558	
					PARTING LOAD (kN)							
	REGULAR COUPLING O.D.				10520	10266	11205	11801	13834	15364	18340	
	SPECIAL CLEARANCE COUPLING O.D.				8652	8216	8652	9083	10814	11677	13838	
			OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m <sup>3</sup> )			
	REGULAR COUPLING		W	384.84	322.58	52.89		102		0.1779		
SPECIAL CLEARANCE COUPLING		Wc	374.70	322.58	37.64		70		0.1760			
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									