

# TECHNICAL INFORMATION - HSC HICOM

# CASING



SIZE: **139.70 mm**

NOMINAL WEIGHT: **42.26 kg/m**

WALL THICKNESS: **13.46 mm**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (mm)	D	139.70	INSIDE DIA. (mm)	d	112.78	DRIFT DIA. (mm)				109.60	PLAIN END WT (kg/m)		41.86	
	GRADE				N80	L80	C90	C95	P110	Q125	150				
	COLLAPSE RESISTANCE (MPa)				96.0	96.0	108.0	114.0	132.0	150.0	180.1				
	INTERNAL YIELD PRESSURE (MPa)				93.0	93.0	104.6	110.5	127.9	145.3	174.4				
	BODY YIELD STRENGTH (kN)				2945	2945	3314	3496	4048	4599	5520				
	ULTIMATE STRENGTH (kN)				3683	3496	3683	3866	4599	4969	5889				
	NOMINAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )				5339	5339	5339	5339	5339	5339	5339				
MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0														
	REGULAR	MINIMUM (Nm)			11920	11920	12430	12690	13460	14240	15520				
		OPTIMUM (Nm)			13250	13250	13820	14100	14950	15820	17250				
		MAXIMUM (Nm)			14580	14580	15200	15510	16450	17410	18970				
		BODY YIELD TORQUE (Nm)			98080	98080	110340	116460	134850	153250	183890				
	SPECIAL CLEARANCE	MINIMUM (Nm)			10720	10720	11190	11420	12120	12810	13960				
		OPTIMUM (Nm)			11920	11920	12430	12690	13460	14240	15520				
		MAXIMUM (Nm)			13110	13110	13680	13960	14810	15660	17080				
	CONNECTION	COLLAPSE RESISTANCE (MPa)				96.0	96.0	108.0	114.0	132.0	150.0	180.1			
COMPRESSION RESISTANCE (%)				100	100	100	100	100	100	100					
TENSILE EFFICIENCY (%)				100	100	100	100	100	100	100					
INTERNAL YIELD PRESSURE (MPa)				93.0	93.0	104.6	110.5	127.9	145.3	174.4					
MAXIMUM BENDING ANGLE (° PER 30m)				81	81	91	97	112	127	152					
BOX CRITICAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )				5447	5447	5447	5447	5447	5447	5447					
MAXIMUM LOAD OF REG. COUPLING FACE (kN)				2224	2224	2504	2642	3060	3479	4172					
MAXIMUM LOAD OF S.C. COUPLING FACE (kN)				1290	1290	1450	1530	1775	2015	2420					
				PARTING LOAD (kN)											
REGULAR COUPLING O.D.				3309	3176	3385	3559	4212	4595	5462					
SPECIAL CLEARANCE COUPLING O.D.				2451	2326	2451	2571	3060	3305	3919					
			OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m <sup>3</sup> )						
REGULAR COUPLING			W	161.34	115.32	12.00		102		0.0500					
SPECIAL CLEARANCE COUPLING			Wc	154.46	115.32	8.79		70		0.0496					
LENGTH OF COUPLING (mm)			NL	240.28		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	94.74											