

# TECHNICAL INFORMATION - HSC HICOM

# CASING

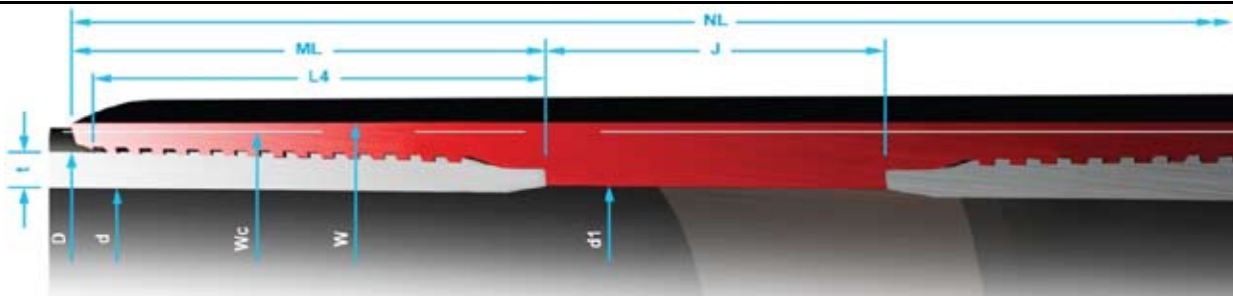


SIZE: **355.60 mm**

NOMINAL WEIGHT: **169.65 kg/m**

WALL THICKNESS: **20.32 mm**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (mm)	D	355.60	INSIDE DIA. (mm)	d	314.96	DRIFT DIA. (mm)		310.18	PLAIN END WT (kg/m)		167.84
	GRADE				N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (MPa)				46.5	46.5	50.1	51.7	56.1	59.6	63.6	
	INTERNAL YIELD PRESSURE (MPa)				55.2	55.2	62.1	65.5	75.8	86.2	103.4	
	BODY YIELD STRENGTH (kN)				11806	11806	13282	14021	16232	18447	22134	
	ULTIMATE STRENGTH (kN)				14759	14021	14759	15493	18447	19924	23611	
	NOMINAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )				21403	21403	21403	21403	21403	21403	21403	

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR	MINIMUM (Nm)		47370	47370	48620	49240	51140	53010	56160		
			OPTIMUM (Nm)		52630	52630	54030	54720	56820	58910	62390	
		MAXIMUM (Nm)		57890	57890	59440	60200	62500	64810	68630		
		BODY YIELD TORQUE (Nm)		1081290	1081290	1216470	1284040	1486790	1689530	2027440		
SPECIAL CLEARANCE		MINIMUM (Nm)		42640	42640	43770	44340	46030	47710	50540		
		OPTIMUM (Nm)		47370	47370	48630	49260	51140	53010	56160		
		MAXIMUM (Nm)		52100	52100	53500	54180	56250	58310	61770		

CONNECTION	COLLAPSE RESISTANCE (MPa)				46.5	46.5	50.1	51.7	56.1	59.6	63.6		
	COMPRESSION RESISTANCE (%)				100	100	100	100	100	100	100		
	TENSILE EFFICIENCY (%)				100	100	100	100	100	100	100		
	INTERNAL YIELD PRESSURE (MPa)				55.2	55.2	62.1	65.5	75.8	86.2	103.4		
	MAXIMUM BENDING ANGLE (° PER 30m)				29	29	33	35	40	45	55		
	BOX CRITICAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )				21830	21830	21830	21830	21830	21830	21830		
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)				9310	9310	10471	11054	12802	14546	17455		
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)				5538	5538	6232	6579	7615	8656	10387		
	<b>PARTING LOAD (kN)</b>												
	REGULAR COUPLING O.D.				11930	11645	12709	13385	15693	17428	20800		
SPECIAL CLEARANCE COUPLING O.D.				9808	9319	9808	10302	12264	13242	15698			
			OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m <sup>3</sup> )				
REGULAR COUPLING			W	389.08	317.50	60.50		102		0.2019			
SPECIAL CLEARANCE COUPLING			Wc	377.70	317.50	43.22		70		0.1997			
LENGTH OF COUPLING (mm)			NL	321.56									
MAKE UP LOSS (mm)			ML	135.38									
The above information is for reference only. The information is subject to change or modification without notice. Please contact HSC for the latest information													