

TECHNICAL INFORMATION - HSC HICOM

CASING

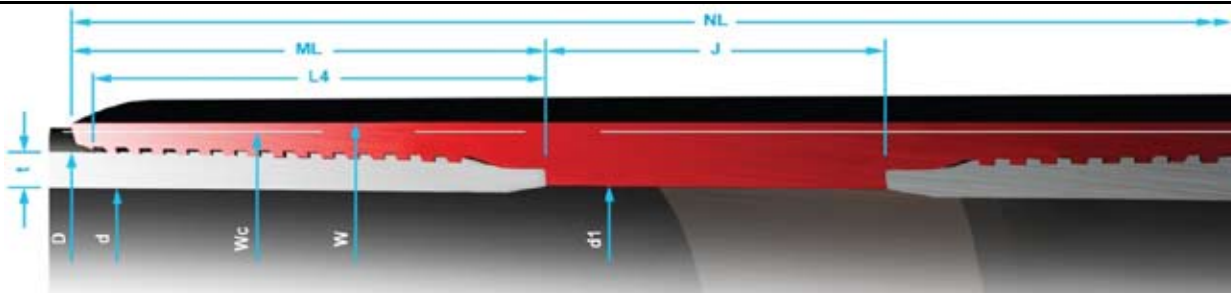


SIZE: **168.28 mm**

NOMINAL WEIGHT: **47.62 kg/m**

WALL THICKNESS: **12.06 mm**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (mm)	D	168.28	INSIDE DIA. (mm)	d	144.14	DRIFT DIA. (mm)	140.97	PLAIN END WT (kg/m)		46.43
	GRADE				N80		L80	C90	C95	P110	Q125
COLLAPSE RESISTANCE (MPa)				71.2		71.2	78.1	81.4	91.1	100.2	113.8
INTERNAL YIELD PRESSURE (MPa)				69.2		69.2	77.9	82.2	95.2	108.1	129.8
BODY YIELD STRENGTH (kN)				3265		3265	3674	3879	4493	5102	6125
ULTIMATE STRENGTH (kN)				4083		3879	4083	4288	5102	5511	6530
NOMINAL CROSS-SECTIONAL AREA (mm ²)				5921		5921	5921	5921	5921	5921	5921

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0										
	REGULAR	MINIMUM (Nm)		13610	13610	14250	14590	15560	16540	18150	
OPTIMUM (Nm)		15120	15120	15840	16200	17290	18370	20170			
MAXIMUM (Nm)		16620	16620	17420	17820	19010	20220	22190			
BODY YIELD TORQUE (Nm)		137520	137520	154710	163310	189100	214880	257860			
SPECIAL CLEARANCE	MINIMUM (Nm)		12240	12240	12830	13120	13990	14870	16340		
	OPTIMUM (Nm)		13600	13600	14250	14580	15550	16530	18150		
	MAXIMUM (Nm)		14950	14950	15670	16030	17110	18180	19970		

CONNECTION	COLLAPSE RESISTANCE (MPa)		71.2	71.2	78.1	81.4	91.1	100.2	113.8		
	COMPRESSION RESISTANCE (%)		100	100	100	100	100	100	100		
	TENSILE EFFICIENCY (%)		100	100	100	100	100	100	100		
	INTERNAL YIELD PRESSURE (MPa)		69.2	69.2	77.9	82.2	95.2	108.1	129.8		
	MAXIMUM BENDING ANGLE (° PER 30m)		64	64	72	76	87	99	119		
	BOX CRITICAL CROSS-SECTIONAL AREA (mm ²)		6041	6041	6041	6041	6041	6041	6041		
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)		2402	2402	2700	2851	3301	3750	4502		
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)		1361	1361	1530	1615	1868	2122	2549		
	PARTING LOAD (kN)										
	REGULAR COUPLING O.D.		3621	3483	3723	3914	4626	5062	6018		
SPECIAL CLEARANCE COUPLING O.D.		2713	2576	2713	2847	3390	3661	4341			
		OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (m ³)					
REGULAR COUPLING		W	188.42	146.68	13.25	102	0.0555				
SPECIAL CLEARANCE COUPLING		Wc	181.89	146.68	9.68	70	0.0550				
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								