

# TECHNICAL INFORMATION - HSC HICOM

# CASING

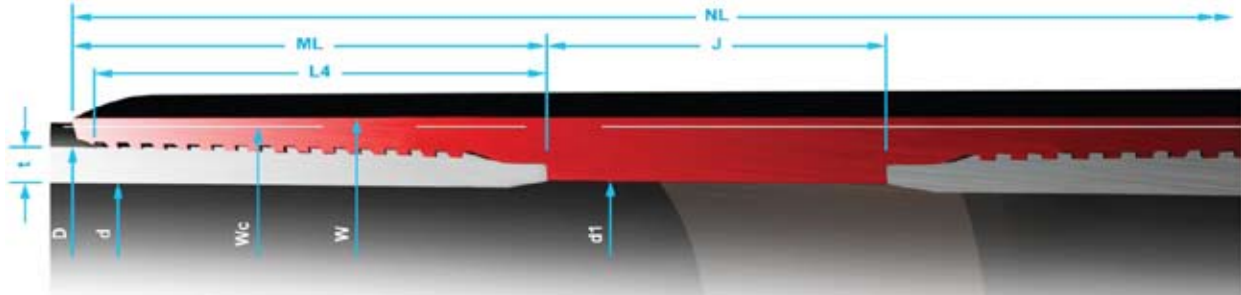


SIZE: **6 5/8"**

NOMINAL WEIGHT: **23.20 lb/ft**

WALL THICKNESS: **0.330"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	6.625	INSIDE DIA. (in)	d	5.965	DRIFT DIA. (in)	5.840	PLAIN END WT (lb/ft)	22.19		
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					4940	4940	5210	5320	5560	5830	6250
	INTERNAL YIELD PRESSURE (psi)					6970	6970	7850	8280	9590	10900	13080
	BODY YIELD STRENGTH (kips)					522	522	587	620	718	816	979
	ULTIMATE STRENGTH (kips)					653	620	653	685	816	881	1044
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					6.526	6.526	6.526	6.526	6.526	6.526	6.526

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR	MINIMUM (ft.lb)				5740	5740	6070	6230	6720	7210	8020
		OPTIMUM (ft.lb)				6380	6380	6740	6920	7470	8010	8910
		MAXIMUM (ft.lb)				7020	7020	7410	7610	8220	8810	9800
	BODY YIELD TORQUE (ft.lb)				75330	75330	84750	89460	103580	117710	141250	
	SPECIAL CLEARANCE	MINIMUM (ft.lb)				5180	5180	5460	5610	6050	6490	7220
		OPTIMUM (ft.lb)				5750	5750	6070	6230	6720	7210	8020
		MAXIMUM (ft.lb)				6320	6320	6680	6850	7390	7930	8820

CONNECTION	COLLAPSE RESISTANCE (psi)					4940	4940	5210	5320	5560	5830	6250	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)					6970	6970	7850	8280	9590	10900	13080	
	MAXIMUM BENDING ANGLE (° PER 100ft)					61	61	69	73	85	96	115	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					6.657	6.657	6.657	6.657	6.657	6.657	6.657	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					324	324	365	385	446	507	608	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					158	158	178	187	217	247	296	
	PARTING LOAD (kips)												
	REGULAR COUPLING O.D.					579	556	595	626	740	809	962	
	SPECIAL CLEARANCE COUPLING O.D.					434	412	434	455	542	585	694	
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (in³)				
	REGULAR COUPLING				W	7.182	6.065	20.37	102	2404			
	SPECIAL CLEARANCE COUPLING				Wc	6.994	6.065	14.76	70	2384			
LENGTH OF COUPLING (in)				NL	9.460	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 (in)				ML	3.730								

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