

TECHNICAL INFORMATION - HSC HICOM



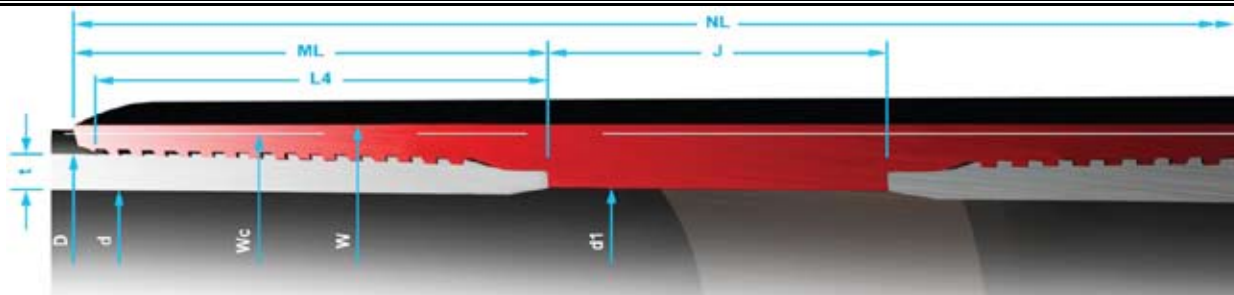
CASING

SIZE: 5 1/2"

NOMINAL WEIGHT: 23.00 lb/ft

WALL THICKNESS: 0.415"

THREADS PER INCH: 5



PIPE BODY	OUTSIDE DIA. (in)	D	5.500	INSIDE DIA. (in)	d	4.670	DRIFT DIA. (in)		4.545	PLAIN END WT (lb/ft)		22.54
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					11160	11160	12380	12940	14540	16070	18390
	INTERNAL YIELD PRESSURE (psi)					10560	10560	11880	12540	14530	16510	19810
	BODY YIELD STRENGTH (kips)					530	530	597	630	729	829	994
	ULTIMATE STRENGTH (kips)					663	630	663	696	829	895	1061
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					6.63	6.63	6.63	6.63	6.63	6.63	6.63
	MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0										
REGULAR		MINIMUM (ft.lb)		6740	6740	7080	7250	7770	8280	9140		
		OPTIMUM (ft.lb)		7490	7490	7870	8060	8630	9200	10160		
		MAXIMUM (ft.lb)		8240	8240	8660	8870	9490	10120	11180		
		BODY YIELD TORQUE (ft.lb)		60380	60380	67930	71700	83030	94350	113220		
SPECIAL CLEARANCE		MINIMUM (ft.lb)		6070	6070	6380	6530	6990	7450	8230		
		OPTIMUM (ft.lb)		6740	6740	7090	7260	7770	8280	9140		
		MAXIMUM (ft.lb)		7410	7410	7800	7990	8550	9110	10050		
CONNECTION	COLLAPSE RESISTANCE (psi)					11160	11160	12380	12940	14540	16070	18390
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100
	INTERNAL YIELD PRESSURE (psi)					10560	10560	11880	12540	14530	16510	19810
	MAXIMUM BENDING ANGLE (° PER 100ft)					79	79	88	93	108	123	147
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					6.76	6.76	6.76	6.76	6.76	6.76	6.76
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					367	367	412	435	504	573	687
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					198	198	223	236	273	310	372
						PARTING LOAD (kips)						
	REGULAR COUPLING O.D.					596	572	610	641	759	828	984
	SPECIAL CLEARANCE COUPLING O.D.					441	419	441	463	551	595	706
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (in³)	
	REGULAR COUPLING			W	6.181	4.770	20.95		102		2444	
	SPECIAL CLEARANCE COUPLING			Wc	5.959	4.770	15.28		70		2424	
	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							