

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **13 5/8"**

NOMINAL WEIGHT: **88.20 lb/ft**

WALL THICKNESS: **0.625"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	13.625	INSIDE DIA. (in)	d	12.375	DRIFT DIA. (in)				12.187	PLAIN END WT (lb/ft)		86.77
	GRADE					N80	L80	C90	C95	P110	Q125	150		
	COLLAPSE RESISTANCE (psi)					3980	3980	4130	4250	4570	4800	4970		
	INTERNAL YIELD PRESSURE (psi)					6420	6420	7230	7630	8830	10030	12040		
	BODY YIELD STRENGTH (kips)					2042	2042	2297	2425	2808	3191	3829		
	ULTIMATE STRENGTH (kips)					2553	2425	2553	2680	3191	3446	4084		
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					25.525	25.525	25.525	25.525	25.525	25.525	25.525		

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0												
	REGULAR		MINIMUM (ft.lb)		24510	24510	25370	25800	27090	28380	30520		
			OPTIMUM (ft.lb)		27230	27230	28190	28670	30100	31530	33910		
			MAXIMUM (ft.lb)		29950	29950	31010	31540	33110	34680	37300		
			BODY YIELD TORQUE (ft.lb)		610720	610720	687060	725230	839740	954250	1145110		
	SPECIAL CLEARANCE		MINIMUM (ft.lb)		22060	22060	22830	23220	24380	25540	27470		
			OPTIMUM (ft.lb)		24510	24510	25370	25800	27090	28380	30520		
			MAXIMUM (ft.lb)		26960	26960	27910	28380	29800	31220	33570		

CONNECTION	COLLAPSE RESISTANCE (psi)					3980	3980	4130	4250	4570	4800	4970
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100
	INTERNAL YIELD PRESSURE (psi)					6420	6420	7230	7630	8830	10030	12040
	MAXIMUM BENDING ANGLE (° PER 100ft)					30	30	33	35	41	46	56
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					26.041	26.041	26.041	26.041	26.041	26.041	26.041
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					1487	1487	1673	1766	2045	2323	2788
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					834	834	939	991	1147	1304	1565
						PARTING LOAD (kips)						
	REGULAR COUPLING O.D.					2074	2023	2205	2322	2723	3022	3606
	SPECIAL CLEARANCE COUPLING O.D.					1697	1612	1697	1782	2121	2291	2715
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (in³)			
	REGULAR COUPLING				W	14.645	12.475	100.92	102	9471		
	SPECIAL CLEARANCE COUPLING				Wc	14.285	12.475	71.58	70	9367		
	LENGTH OF COUPLING (in)				NL	12.660	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	5.330							

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