

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **13 3/8"**

NOMINAL WEIGHT: **72.00 lb/ft**

WALL THICKNESS: **0.514"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	13.375	INSIDE DIA. (in)	d	12.347	DRIFT DIA. (in)	12.191	PLAIN END WT (lb/ft)	70.60		
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					2670	2670	2780	2820	2880	2880	2880
	INTERNAL YIELD PRESSURE (psi)					5380	5380	6050	6390	7400	8410	10090
	BODY YIELD STRENGTH (kips)					1661	1661	1869	1973	2284	2596	3115
	ULTIMATE STRENGTH (kips)					2077	1973	2077	2181	2596	2804	3323
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					20.768	20.768	20.768	20.768	20.768	20.768	20.768

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR	MINIMUM (ft.lb)				17540	17540	18280	18640	19750	20840	22670
		OPTIMUM (ft.lb)				19490	19490	20310	20710	21940	23160	25190
		MAXIMUM (ft.lb)				21440	21440	22340	22780	24130	25480	27710
	BODY YIELD TORQUE (ft.lb)				495060	495060	556940	587880	680700	773530	928230	
	SPECIAL CLEARANCE	MINIMUM (ft.lb)				15800	15800	16450	16780	17770	18760	20400
		OPTIMUM (ft.lb)				17550	17550	18280	18640	19740	20840	22670
		MAXIMUM (ft.lb)				19310	19310	20110	20500	21710	22920	24940

CONNECTION	COLLAPSE RESISTANCE (psi)					2670	2670	2780	2820	2880	2880	2880	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)					5380	5380	6050	6390	7400	8410	10090	
	MAXIMUM BENDING ANGLE (° PER 100ft)					30	30	33	35	41	46	56	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					21.176	21.176	21.176	21.176	21.176	21.176	21.176	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					1110	1110	1248	1318	1526	1734	2081	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					580	580	652	688	797	906	1087	
	PARTING LOAD (kips)												
	REGULAR COUPLING O.D.					1693	1650	1797	1893	2221	2463	2939	
	SPECIAL CLEARANCE COUPLING O.D.					1381	1312	1381	1450	1726	1864	2209	
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (in³)				
	REGULAR COUPLING				W	14.199	12.447	80.74	102	7697			
	SPECIAL CLEARANCE COUPLING				Wc	13.898	12.447	56.92	70	7613			
	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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