

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **6 5/8"**

NOMINAL WEIGHT: **20.00 lb/ft**

WALL THICKNESS: **0.288"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	6.625	INSIDE DIA. (in)	d	6.049	DRIFT DIA. (in)	5.924	PLAIN END WT (lb/ft)	19.49		
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					3470	3470	3690	3790	4020	4170	4220
	INTERNAL YIELD PRESSURE (psi)					6090	6090	6850	7230	8370	9510	11410
	BODY YIELD STRENGTH (kips)					459	459	516	545	631	717	860
	ULTIMATE STRENGTH (kips)					573	545	573	602	717	774	917
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					5.734	5.734	5.734	5.734	5.734	5.734	5.734

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR	MINIMUM (ft.lb)				4500	4500	4780	4920	5350	5760	6460
		OPTIMUM (ft.lb)				5000	5000	5310	5470	5940	6400	7180
		MAXIMUM (ft.lb)				5500	5500	5840	6020	6530	7040	7900
	BODY YIELD TORQUE (ft.lb)				67020	67020	75400	79590	92160	104720	125670	
	SPECIAL CLEARANCE	MINIMUM (ft.lb)				4050	4050	4300	4430	4810	5180	5810
		OPTIMUM (ft.lb)				4500	4500	4780	4920	5340	5760	6460
		MAXIMUM (ft.lb)				4950	4950	5260	5410	5870	6340	7110

CONNECTION	COLLAPSE RESISTANCE (psi)					3470	3470	3690	3790	4020	4170	4220	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)					6090	6090	6850	7230	8370	9510	11410	
	MAXIMUM BENDING ANGLE (° PER 100ft)					61	61	68	72	83	95	114	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					5.848	5.848	5.848	5.848	5.848	5.848	5.848	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					260	260	293	309	358	406	488	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					114	114	129	136	157	179	214	
	PARTING LOAD (kips)												
	REGULAR COUPLING O.D.					509	489	523	550	650	711	845	
	SPECIAL CLEARANCE COUPLING O.D.					382	362	382	401	477	515	610	
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (in³)				
	REGULAR COUPLING				W	7.110	6.149	17.74	102	2111			
	SPECIAL CLEARANCE COUPLING				Wc	6.944	6.149	12.83	70	2094			
	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								