

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **298.45 mm**

NOMINAL WEIGHT: **80.36 kg/m**

WALL THICKNESS: **11.05 mm**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (mm)	D	298.45	INSIDE DIA. (mm)	d	276.35	DRIFT DIA. (mm)				272.39	PLAIN END WT (kg/m)		78.23
	GRADE					N80	L80	C90	C95	P110	Q125	150		
	COLLAPSE RESISTANCE (MPa)					16.8	16.8	17.4	17.6	17.7	17.7	17.7		
	INTERNAL YIELD PRESSURE (MPa)					35.7	35.7	40.2	42.4	49.1	55.8	67.0		
	BODY YIELD STRENGTH (kN)					5502	5502	6192	6534	7566	8598	10315		
	ULTIMATE STRENGTH (kN)					6877	6534	6877	7224	8598	9288	11005		
	NOMINAL CROSS-SECTIONAL AREA (mm ²)					9976	9976	9976	9976	9976	9976	9976		
MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0													
	REGULAR		MINIMUM (Nm)			14620	14620	15330	15690	16770	17840	19630		
			OPTIMUM (Nm)			16240	16240	17040	17440	18630	19820	21820		
			MAXIMUM (Nm)			17870	17870	18750	19180	20490	21800	24000		
			BODY YIELD TORQUE (Nm)			440270	440270	495310	522830	605390	687930	825520		
	SPECIAL CLEARANCE		MINIMUM (Nm)			13150	13150	13800	14110	15090	16050	17670		
			OPTIMUM (Nm)			14620	14620	15330	15690	16770	17840	19630		
			MAXIMUM (Nm)			16080	16080	16870	17260	18450	19630	21600		
	CONNECTION	COLLAPSE RESISTANCE (MPa)					16.8	16.8	17.4	17.6	17.7	17.7	17.7	
COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100			
TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100			
INTERNAL YIELD PRESSURE (MPa)					35.7	35.7	40.2	42.4	49.1	55.8	67.0			
MAXIMUM BENDING ANGLE (° PER 30m)					33	33	37	39	46	52	62			
BOX CRITICAL CROSS-SECTIONAL AREA (mm ²)					10180	10180	10180	10180	10180	10180	10180			
MAXIMUM LOAD OF REG. COUPLING FACE (kN)					3332	3332	3750	3959	4582	5209	6250			
MAXIMUM LOAD OF S.C. COUPLING FACE (kN)					1579	1579	1775	1873	2171	2464	2958			
					PARTING LOAD (kN)									
REGULAR COUPLING O.D.					5725	5560	6032	6348	7460	8247	9831			
SPECIAL CLEARANCE COUPLING O.D.					4577	4350	4577	4809	5720	6179	7326			
			OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m ³)					
REGULAR COUPLING			W	315.65	278.89	26.83		102		0.0938				
SPECIAL CLEARANCE COUPLING			Wc	309.14	278.89	18.78		70		0.0928				
LENGTH OF COUPLING (mm)			NL	321.56	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 (mm)			ML	135.38										