

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **298.45 mm**

NOMINAL WEIGHT: **105.66 kg/m**

WALL THICKNESS: **14.78 mm**

THREADS PER INCH: **5**



P I P E B O D Y	OUTSIDE DIA. (mm)	D	298.45	INSIDE DIA. (mm)	d	268.88	DRIFT DIA. (mm)				264.92	PLAIN END WT (kg/m)		103.31
	GRADE					N80	L80	C90	C95	P110	Q125	150		
	COLLAPSE RESISTANCE (MPa)					33.6	33.6	35.4	36.1	37.7	39.7	42.5		
	INTERNAL YIELD PRESSURE (MPa)					47.8	47.8	53.8	56.8	65.7	74.7	89.6		
	BODY YIELD STRENGTH (kN)					7268	7268	8176	8630	9991	11352	13625		
	ULTIMATE STRENGTH (kN)					9083	8630	9083	9537	11352	12264	14532		
NOMINAL CROSS-SECTIONAL AREA (mm ²)					13174	13174	13174	13174	13174	13174	13174			
M A K E U P	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0													
	REGULAR		MINIMUM (Nm)		24040	24040	24950	25410	26780	28150	30440			
			OPTIMUM (Nm)		26710	26710	27730	28230	29750	31280	33810			
			MAXIMUM (Nm)		29380	29380	30510	31050	32720	34410	37190			
			BODY YIELD TORQUE (Nm)		567100	567100	637980	673430	779760	886090	1063310			
	SPECIAL CLEARANCE		MINIMUM (Nm)		21640	21640	22450	22870	24110	25330	27390			
			OPTIMUM (Nm)		24040	24040	24950	25410	26780	28150	30420			
			MAXIMUM (Nm)		26440	26440	27440	27940	29450	30970	33460			
	C O N N E C T I O N	COLLAPSE RESISTANCE (MPa)					33.6	33.6	35.4	36.1	37.7	39.7	42.5	
COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100			
TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100			
INTERNAL YIELD PRESSURE (MPa)					47.8	47.8	53.8	56.8	65.7	74.7	89.6			
MAXIMUM BENDING ANGLE (° PER 30m)					34	34	38	40	47	53	64			
BOX CRITICAL CROSS-SECTIONAL AREA (mm ²)					13437	13437	13437	13437	13437	13437	13437			
MAXIMUM LOAD OF REG. COUPLING FACE (kN)					5124	5124	5765	6085	7046	8007	9608			
MAXIMUM LOAD OF S.C. COUPLING FACE (kN)					2807	2807	3158	3336	3861	4386	5267			
					PARTING LOAD (kN)									
REGULAR COUPLING O.D.					7562	7344	7962	8380	9853	10889	12980			
SPECIAL CLEARANCE COUPLING O.D.					6045	5743	6045	6343	7553	8158	9670			
			OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30° JOINT MUD DISPLACEMENT (m ³)					
REGULAR COUPLING			W	322.15	271.42	36.39		102		0.1241				
SPECIAL CLEARANCE COUPLING			Wc	313.72	271.42	25.77		70		0.1228				
LENGTH OF COUPLING (mm)			NL	321.56										
MAKE UP LOSS (mm)			ML	135.38										
The above information is for reference only. The information is subject to change or modification without notice. Please contact HSC for the latest information														