

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **355.60 mm**

NOMINAL WEIGHT: **157.75 kg/m**

WALL THICKNESS: **19.05 mm**

THREADS PER INCH: **5**



P I P E B O D Y	OUTSIDE DIA. (mm)	D	355.60	INSIDE DIA. (mm)	d	317.50	DRIFT DIA. (mm)	312.72	PLAIN END WT (kg/m)		157.94
	GRADE				N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (MPa)				40.5	40.5	43.2	44.3	47.4	49.6	51.5
	INTERNAL YIELD PRESSURE (MPa)				51.7	51.7	58.2	61.4	71.1	80.8	97.0
	BODY YIELD STRENGTH (kN)				11112	11112	12500	13193	15275	17357	20831
	ULTIMATE STRENGTH (kN)				13887	13193	13887	14581	17357	18749	22219
NOMINAL CROSS-SECTIONAL AREA (mm ²)				20142	20142	20142	20142	20142	20142	20142	
M A K E U P	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0										
	REGULAR		MINIMUM (Nm)		43740	43740	44970	45600	47470	49320	52430
			OPTIMUM (Nm)		48590	48590	49980	50670	52740	54800	58260
			MAXIMUM (Nm)		53450	53450	54980	55740	58020	60280	64090
			BODY YIELD TORQUE (Nm)		1024790	1024790	1152910	1216960	1409100	1601250	1921510
	SPECIAL CLEARANCE		MINIMUM (Nm)		39350	39350	40470	41040	42720	44390	47200
			OPTIMUM (Nm)		43730	43730	44970	45600	47470	49320	52440
			MAXIMUM (Nm)		48100	48100	49470	50150	52210	54260	57690
	C O N N E C T I O N	COLLAPSE RESISTANCE (MPa)				40.5	40.5	43.2	44.3	47.4	49.6
COMPRESSION RESISTANCE (%)				100	100	100	100	100	100	100	
TENSILE EFFICIENCY (%)				100	100	100	100	100	100	100	
INTERNAL YIELD PRESSURE (MPa)				51.7	51.7	58.2	61.4	71.1	80.8	97.0	
MAXIMUM BENDING ANGLE (° PER 30m)				29	29	32	34	40	45	54	
BOX CRITICAL CROSS-SECTIONAL AREA (mm ²)				20545	20545	20545	20545	20545	20545	20545	
MAXIMUM LOAD OF REG. COUPLING FACE (kN)				8603	8603	9679	10218	11828	13443	16129	
MAXIMUM LOAD OF S.C. COUPLING FACE (kN)				5058	5058	5694	6010	6957	7904	9488	
				PARTING LOAD (kN)							
REGULAR COUPLING O.D.				11227	10960	11961	12593	14768	16401	19577	
SPECIAL CLEARANCE COUPLING O.D.				9239	8776	9239	9702	11548	12473	14781	
		OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m ³)			
REGULAR COUPLING		W	386.97	320.04	56.71		102		0.1900		
SPECIAL CLEARANCE COUPLING		Wc	376.22	320.04	40.46		70		0.1879		
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											