

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **301.62 mm**

NOMINAL WEIGHT: **106.85 kg/m**

WALL THICKNESS: **14.78 mm**

THREADS PER INCH: **5**



P I P E B O D Y	OUTSIDE DIA. (mm)	D	301.62	INSIDE DIA. (mm)	d	272.06	DRIFT DIA. (mm)	268.10	PLAIN END WT (kg/m)			104.45
	GRADE				N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (MPa)				32.8	32.8	34.4	35.1	36.5	38.7	41.4	
	INTERNAL YIELD PRESSURE (MPa)				47.3	47.3	53.2	56.2	65.1	73.9	88.7	
	BODY YIELD STRENGTH (kN)				7348	7348	8265	8727	10102	11481	13776	
	ULTIMATE STRENGTH (kN)				9186	8727	9186	9644	11481	12402	14697	
NOMINAL CROSS-SECTIONAL AREA (mm ²)				13321	13321	13321	13321	13321	13321	13321	13321	
M A K E U P	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR		MINIMUM (Nm)		24680	24680	25600	26060	27460	28850	31180	
			OPTIMUM (Nm)		27410	27410	28450	28960	30510	32050	34640	
			MAXIMUM (Nm)		30150	30150	31290	31860	33560	35250	38100	
			BODY YIELD TORQUE (Nm)		580150	580150	652660	688930	797710	906490	1087770	
	SPECIAL CLEARANCE		MINIMUM (Nm)		22190	22190	23040	23460	24700	25960	28050	
			OPTIMUM (Nm)		24660	24660	25600	26060	27460	28850	31170	
			MAXIMUM (Nm)		27130	27130	28160	28660	30210	31740	34290	
	C O N N E C T I O N	COLLAPSE RESISTANCE (MPa)				32.8	32.8	34.4	35.1	36.5	38.7	41.4
COMPRESSION RESISTANCE (%)				100	100	100	100	100	100	100		
TENSILE EFFICIENCY (%)				100	100	100	100	100	100	100		
INTERNAL YIELD PRESSURE (MPa)				47.3	47.3	53.2	56.2	65.1	73.9	88.7		
MAXIMUM BENDING ANGLE (° PER 30m)				34	34	38	40	46	53	63		
BOX CRITICAL CROSS-SECTIONAL AREA (mm ²)				13588	13588	13588	13588	13588	13588	13588		
MAXIMUM LOAD OF REG. COUPLING FACE (kN)				5182	5182	5832	6156	7126	8100	9719		
MAXIMUM LOAD OF S.C. COUPLING FACE (kN)				2838	2838	3189	3367	3901	4435	5320		
				PARTING LOAD (kN)								
REGULAR COUPLING O.D.				7633	7415	8042	8469	9955	11005	13118		
SPECIAL CLEARANCE COUPLING O.D.				6107	5800	6107	6410	7633	8243	9768		
			OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m ³)			
REGULAR COUPLING			W	325.35	274.60	36.80		102		0.1255		
SPECIAL CLEARANCE COUPLING			Wc	316.89	274.60	26.05		70		0.1241		
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												