

# TECHNICAL INFORMATION - HSC HICOM

# CASING



SIZE: **168.28 mm**

NOMINAL WEIGHT: **41.67 kg/m**

WALL THICKNESS: **10.59 mm**

THREADS PER INCH: **5**



P I P E  B O D Y	OUTSIDE DIA. (mm)	D	168.28	INSIDE DIA. (mm)	d	147.09	DRIFT DIA. (mm)	143.92	PLAIN END WT (kg/m)		41.15	
	GRADE				N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (MPa)				56.3	56.3	61.2	63.6	70.1	75.8	83.6	
	INTERNAL YIELD PRESSURE (MPa)				60.8	60.8	68.4	72.1	83.5	94.9	113.9	
	BODY YIELD STRENGTH (kN)				2896	2896	3256	3438	3981	4524	5427	
	ULTIMATE STRENGTH (kN)				3616	3438	3616	3799	4524	4884	5787	
NOMINAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )				5247	5247	5247	5247	5247	5247	5247	5247	
<b>RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0</b>												
M A K E  U P	REGULAR			MINIMUM (Nm)	11280	11280	11850	12130	12990	13830	15240	
				OPTIMUM (Nm)	12530	12530	13160	13480	14430	15360	16930	
				MAXIMUM (Nm)	13780	13780	14480	14820	15860	16890	18630	
	BODY YIELD TORQUE (Nm)			124000	124000	139500	147260	170510	193760	232510		
	SPECIAL CLEARANCE			MINIMUM (Nm)	10160	10160	10670	10930	11670	12450	13720	
				OPTIMUM (Nm)	11280	11280	11850	12130	12980	13830	15240	
MAXIMUM (Nm)				12410	12410	13030	13350	14280	15210	16760		
C O N N E C T I O N	COLLAPSE RESISTANCE (MPa)				56.3	56.3	61.2	63.6	70.1	75.8	83.6	
	COMPRESSION RESISTANCE (%)				100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)				100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (MPa)				60.8	60.8	68.4	72.1	83.5	94.9	113.9	
	MAXIMUM BENDING ANGLE (° PER 30m)				62	62	70	74	86	97	117	
	BOX CRITICAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )				5353	5353	5353	5353	5353	5353	5353	
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)				2024	2024	2277	2402	2780	3163	3794	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)				1103	1103	1241	1308	1512	1721	2064	
					<b>PARTING LOAD (kN)</b>							
	REGULAR COUPLING O.D.				3207	3083	3301	3470	4101	4484	5333	
	SPECIAL CLEARANCE COUPLING O.D.				2406	2286	2406	2527	3007	3247	3848	
				OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)	JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m <sup>3</sup> )			
	REGULAR COUPLING			W	186.08	149.63	11.67	102		0.0491		
	SPECIAL CLEARANCE COUPLING			Wc	180.24	149.63	8.50	70		0.0487		
LENGTH OF COUPLING (mm)			NL	240.28		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	94.74								