

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **177.80 mm**

NOMINAL WEIGHT: **47.62 kg/m**

WALL THICKNESS: **11.51 mm**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (mm)	D	177.80	INSIDE DIA. (mm)	d	154.79	DRIFT DIA. (mm)		151.61	PLAIN END WT (kg/m)		47.13
	GRADE				N80		L80	C90	C95	P110	Q125	150
COLLAPSE RESISTANCE (MPa)				59.4		59.4	64.7	67.2	74.3	80.8	89.8	
INTERNAL YIELD PRESSURE (MPa)				62.5		62.5	70.3	74.2	85.9	97.6	117.1	
BODY YIELD STRENGTH (kN)				3314		3314	3732	3937	4559	5182	6219	
ULTIMATE STRENGTH (kN)				4146		3937	4146	4350	5182	5596	6632	
NOMINAL CROSS-SECTIONAL AREA (mm ²)				6011		6011	6011	6011	6011	6011	6011	

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR	MINIMUM (Nm)		14110	14110	14830	15190	16260	17330	19090		
OPTIMUM (Nm)		15690	15690	16490	16880	18060	19250	21220				
MAXIMUM (Nm)		17260	17260	18140	18570	19860	21180	23350				
BODY YIELD TORQUE (Nm)		149570	149570	168270	177630	205680	233720	280460				
SPECIAL CLEARANCE	MINIMUM (Nm)		12700	12700	13350	13670	14630	15590	17190			
	OPTIMUM (Nm)		14110	14110	14830	15190	16260	17330	19100			
	MAXIMUM (Nm)		15520	15520	16310	16700	17880	19060	21020			

CONNECTION	COLLAPSE RESISTANCE (MPa)		59.4	59.4	64.7	67.2	74.3	80.8	89.8			
	COMPRESSION RESISTANCE (%)		100	100	100	100	100	100	100			
	TENSILE EFFICIENCY (%)		100	100	100	100	100	100	100			
	INTERNAL YIELD PRESSURE (MPa)		62.5	62.5	70.3	74.2	85.9	97.6	117.1			
	MAXIMUM BENDING ANGLE (° PER 30m)		59	59	67	70	81	93	111			
	BOX CRITICAL CROSS-SECTIONAL AREA (mm ²)		6128	6128	6128	6128	6128	6128	6128			
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)		2398	2398	2696	2847	3296	3745	4497			
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)		1343	1343	1512	1597	1850	2100	2522			
	PARTING LOAD (kN)											
	REGULAR COUPLING O.D.		3661	3519	3768	3963	4684	5124	6094			
SPECIAL CLEARANCE COUPLING O.D.		2758	2620	2758	2896	3447	3723	4408				
		OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m ³)				
REGULAR COUPLING		W	197.18	157.33	13.42		102		0.0563			
SPECIAL CLEARANCE COUPLING		Wc	190.88	157.33	9.80		70		0.0558			
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									