

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **244.48 mm**

NOMINAL WEIGHT: **69.94 kg/m**

WALL THICKNESS: **11.99 mm**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (mm)	D	244.48	INSIDE DIA. (mm)	d	220.50	DRIFT DIA. (mm)				216.54	PLAIN END WT (kg/m)		68.66
	GRADE				N80	L80	C90	C95	P110	Q125	150			
	COLLAPSE RESISTANCE (MPa)				32.8	32.8	34.5	35.1	36.5	38.8	41.4			
	INTERNAL YIELD PRESSURE (MPa)				47.3	47.3	53.3	56.2	65.1	74.0	88.8			
	BODY YIELD STRENGTH (kN)				4831	4831	5436	5734	6641	7549	9057			
	ULTIMATE STRENGTH (kN)				6036	5734	6036	6339	7549	8149	9662			
	NOMINAL CROSS-SECTIONAL AREA (mm ²)				8756	8756	8756	8756	8756	8756	8756			

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0								
	REGULAR	MINIMUM (Nm)	13950	13950	14550	14830	15710	16600	18070
		OPTIMUM (Nm)	15500	15500	16160	16490	17460	18440	20080
	MAXIMUM (Nm)	17040	17040	17770	18140	19210	20280	22090	
	BODY YIELD TORQUE (Nm)	309070	309070	347700	367020	424970	482920	579500	
SPECIAL CLEARANCE	MINIMUM (Nm)	12550	12550	13080	13350	14140	14940	16270	
	OPTIMUM (Nm)	13950	13950	14530	14830	15710	16600	18070	
	MAXIMUM (Nm)	15350	15350	15990	16310	17290	18250	19880	

CONNECTION	COLLAPSE RESISTANCE (MPa)				32.8	32.8	34.5	35.1	36.5	38.8	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	53.3	56.2	65.1	74.0	88.8
	MAXIMUM BENDING ANGLE (° PER 30m)				42	42	47	49	57	65	78
	BOX CRITICAL CROSS-SECTIONAL AREA (mm ²)				8935	8935	8935	8935	8935	8935	8935
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)				3185	3185	3585	3785	4381	4978	5974
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)				1646	1646	1855	1957	2264	2576	3087
	PARTING LOAD (kN)										
	REGULAR COUPLING O.D.				5164	4991	5382	5663	6672	7340	8741
SPECIAL CLEARANCE COUPLING O.D.				4017	3817	4017	4217	5022	5422	6428	
			OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)	JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m ³)			
REGULAR COUPLING			W	263.60	223.04	22.76	102		0.0823		
SPECIAL CLEARANCE COUPLING			Wc	256.74	223.04	16.14	70		0.0815		
LENGTH OF COUPLING (mm)			NL	301.24	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	125.22							