

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **273.05 mm**

NOMINAL WEIGHT: **82.59 kg/m**

WALL THICKNESS: **12.57 mm**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (mm)	D	273.05	INSIDE DIA. (mm)	d	247.90	DRIFT DIA. (mm)				243.94	PLAIN END WT (kg/m)		80.67
	GRADE						N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (MPa)						27.7	27.7	28.7	29.5	31.8	33.4	34.6	
	INTERNAL YIELD PRESSURE (MPa)						44.5	44.5	50.0	52.8	61.1	69.5	83.3	
	BODY YIELD STRENGTH (kN)						5676	5676	6383	6739	7802	8865	10640	
	ULTIMATE STRENGTH (kN)						7095	6739	7095	7446	8865	9577	11352	
	NOMINAL CROSS-SECTIONAL AREA (mm ²)						10289	10289	10289	10289	10289	10289	10289	

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0								
	REGULAR	MINIMUM (Nm)		16360	16360	17030	17350	18330	19320
OPTIMUM (Nm)		18180	18180	18910	19280	20360	21460	23290	
MAXIMUM (Nm)		20000	20000	20810	21200	22400	23600	25620	
	BODY YIELD TORQUE (Nm)		408020	408020	459030	484530	561020	637530	765050
SPECIAL CLEARANCE	MINIMUM (Nm)		14720	14720	15320	15610	16500	17380	18860
	OPTIMUM (Nm)		16360	16360	17020	17340	18330	19320	20960
	MAXIMUM (Nm)		18010	18010	18710	19080	20160	21260	23060

CONNECTION	COLLAPSE RESISTANCE (MPa)		27.7	27.7	28.7	29.5	31.8	33.4	34.6	
	COMPRESSION RESISTANCE (%)		100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)		100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (MPa)		44.5	44.5	50.0	52.8	61.1	69.5	83.3	
	MAXIMUM BENDING ANGLE (° PER 30m)		37	37	42	44	51	58	69	
	BOX CRITICAL CROSS-SECTIONAL AREA (mm ²)		10495	10495	10495	10495	10495	10495	10495	
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)		3696	3696	4159	4390	5084	5778	6935	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)		1890	1890	2126	2246	2598	2954	3545	
	PARTING LOAD (kN)									
	REGULAR COUPLING O.D.		5983	5796	6268	6597	7762	8563	10200	
SPECIAL CLEARANCE COUPLING O.D.		4720	4484	4720	4955	5903	6374	7553		
		OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m ³)		
REGULAR COUPLING		W	292.79	250.44	28.01		102	0.0968		
SPECIAL CLEARANCE COUPLING		Wc	285.55	250.44	19.72		70	0.0958		
LENGTH OF COUPLING (mm)		NL	321.56	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	135.38							