

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **244.48 mm**

NOMINAL WEIGHT: **53.57 kg/m**

WALL THICKNESS: **8.94 mm**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (mm)	D	244.48	INSIDE DIA. (mm)	d	226.59	DRIFT DIA. (mm)				222.63	PLAIN END WT (kg/m)		51.88
	GRADE				N80	L80	C90	C95	P110	Q125	150			
	COLLAPSE RESISTANCE (MPa)				16.3	16.3	16.8	17.0	17.1	17.1	17.1			
	INTERNAL YIELD PRESSURE (MPa)				35.3	35.3	39.7	41.9	48.5	55.2	66.2			
	BODY YIELD STRENGTH (kN)				3648	3648	4106	4333	5018	5703	6841			
	ULTIMATE STRENGTH (kN)				4559	4333	4559	4791	5703	6156	7300			
	NOMINAL CROSS-SECTIONAL AREA (mm ²)				6616	6616	6616	6616	6616	6616	6616			
MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0													
	REGULAR		MINIMUM (Nm)		7460	7460	7760	7920	8370	8840	9600			
			OPTIMUM (Nm)		8280	8280	8620	8800	9300	9820	10670			
			MAXIMUM (Nm)		9110	9110	9490	9680	10240	10790	11740			
			BODY YIELD TORQUE (Nm)		239380	239380	269310	284270	329150	374040	448840			
	SPECIAL CLEARANCE		MINIMUM (Nm)		6710	6710	6980	7130	7540	7960	8640			
			OPTIMUM (Nm)		7460	7460	7760	7920	8380	8840	9600			
			MAXIMUM (Nm)		8200	8200	8530	8700	9220	9720	10560			
	CONNECTION	COLLAPSE RESISTANCE (MPa)				16.3	16.3	16.8	17.0	17.1	17.1	17.1		
COMPRESSION RESISTANCE (%)				100	100	100	100	100	100	100				
TENSILE EFFICIENCY (%)				100	100	100	100	100	100	100				
INTERNAL YIELD PRESSURE (MPa)				35.3	35.3	39.7	41.9	48.5	55.2	66.2				
MAXIMUM BENDING ANGLE (° PER 30m)				40	40	46	48	56	63	76				
BOX CRITICAL CROSS-SECTIONAL AREA (mm ²)				6748	6748	6748	6748	6748	6748	6748				
MAXIMUM LOAD OF REG. COUPLING FACE (kN)				1984	1984	2233	2358	2731	3100	3723				
MAXIMUM LOAD OF S.C. COUPLING FACE (kN)				818	818	921	974	1125	1281	1539				
				PARTING LOAD (kN)										
REGULAR COUPLING O.D.				3901	3772	4066	4279	5040	5547	6606				
SPECIAL CLEARANCE COUPLING O.D.				3029	2878	3029	3180	3790	4092	4849				
			OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m ³)					
REGULAR COUPLING			W	258.27	229.13	16.71		102		0.0621				
SPECIAL CLEARANCE COUPLING			Wc	252.98	229.13	11.69		70		0.0614				
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										