

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **127.00 mm**

NOMINAL WEIGHT: **19.35 kg/m**

WALL THICKNESS: **6.43 mm**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (mm)	D	127.00	INSIDE DIA. (mm)	d	114.15	DRIFT DIA. (mm)	110.97	PLAIN END WT (kg/m)		19.09	
	GRADE				N80		L80	C90	C95	P110	Q125	150
COLLAPSE RESISTANCE (MPa)				35.4		35.4	37.4	38.3	40.3	41.6	44.9	
INTERNAL YIELD PRESSURE (MPa)				48.8		48.8	55.0	58.0	67.2	76.3	91.6	
BODY YIELD STRENGTH (kN)				1343		1343	1512	1592	1846	2100	2518	
ULTIMATE STRENGTH (kN)				1677		1592	1677	1761	2100	2264	2687	
NOMINAL CROSS-SECTIONAL AREA (mm ²)				2434		2434	2434	2434	2434	2434	2434	
MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR		MINIMUM (Nm)		4470	4470	4800	4940	5420	5880	6640	
			OPTIMUM (Nm)		4980	4980	5330	5490	6020	6540	7390	
			MAXIMUM (Nm)		5480	5480	5860	6050	6620	7190	8130	
			BODY YIELD TORQUE (Nm)		44500	44500	50060	52840	61170	69530	83420	
	SPECIAL CLEARANCE		MINIMUM (Nm)		4040	4040	4330	4450	4870	5300	5990	
			OPTIMUM (Nm)		4490	4490	4800	4950	5410	5880	6660	
			MAXIMUM (Nm)		4940	4940	5270	5450	5950	6470	7320	
	CONNECTION	COLLAPSE RESISTANCE (MPa)				35.4		35.4	37.4	38.3	40.3	41.6
COMPRESSION RESISTANCE (%)				100		100	100	100	100	100	100	
TENSILE EFFICIENCY (%)				100		100	100	100	100	100	100	
INTERNAL YIELD PRESSURE (MPa)				48.8		48.8	55.0	58.0	67.2	76.3	91.6	
MAXIMUM BENDING ANGLE (° PER 30m)				80		80	90	95	110	126	151	
BOX CRITICAL CROSS-SECTIONAL AREA (mm ²)				2485		2485	2485	2485	2485	2485	2485	
MAXIMUM LOAD OF REG. COUPLING FACE (kN)				672		672	756	796	921	1050	1259	
MAXIMUM LOAD OF S.C. COUPLING FACE (kN)				245		245	276	289	334	383	458	
				PARTING LOAD (kN)								
REGULAR COUPLING O.D.				1517		1455	1548	1628	1931	2104	2500	
SPECIAL CLEARANCE COUPLING O.D.				1117		1063	1117	1174	1397	1508	1788	
		OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30° JOINT MUD DISPLACEMENT (m ³)				
REGULAR COUPLING		W	137.52	115.42	5.34		102		0.0228			
SPECIAL CLEARANCE COUPLING		Wc	133.86	115.42	3.87		70		0.0226			
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									