

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **139.70 mm**

NOMINAL WEIGHT: **39.88 kg/m**

WALL THICKNESS: **12.70 mm**

THREADS PER INCH: **5**



P I P E B O D Y	OUTSIDE DIA. (mm)	D	139.70	INSIDE DIA. (mm)	d	114.30	DRIFT DIA. (mm)	111.12	PLAIN END WT (kg/m)	39.73	
	GRADE				N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (MPa)				91.1	91.1	102.6	108.2	125.3	142.4	170.9
	INTERNAL YIELD PRESSURE (MPa)				87.7	87.7	98.7	104.2	120.7	137.1	164.5
	BODY YIELD STRENGTH (kN)				2793	2793	3145	3318	3843	4368	5240
	ULTIMATE STRENGTH (kN)				3492	3318	3492	3670	4368	4715	5591
NOMINAL CROSS-SECTIONAL AREA (mm ²)				5067	5067	5067	5067	5067	5067	5067	
RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
M A K E U P	REGULAR		MINIMUM (Nm)		11190	11190	11690	11940	12700	13460	14700
			OPTIMUM (Nm)		12430	12430	12990	13270	14110	14950	16340
			MAXIMUM (Nm)		13680	13680	14290	14600	15520	16450	17980
			BODY YIELD TORQUE (Nm)		94080	94080	105850	111720	129360	147000	176410
	SPECIAL CLEARANCE		MINIMUM (Nm)		10070	10070	10530	10750	11430	12110	13230
			OPTIMUM (Nm)		11200	11200	11700	11940	12700	13450	14710
MAXIMUM (Nm)			12320	12320	12870	13140	13980	14790	16190		
C O N N E C T I O N	COLLAPSE RESISTANCE (MPa)				91.1	91.1	102.6	108.2	125.3	142.4	170.9
	COMPRESSION RESISTANCE (%)				100	100	100	100	100	100	100
	TENSILE EFFICIENCY (%)				100	100	100	100	100	100	100
	INTERNAL YIELD PRESSURE (MPa)				87.7	87.7	98.7	104.2	120.7	137.1	164.5
	MAXIMUM BENDING ANGLE (° PER 30m)				80	80	90	95	110	125	150
	BOX CRITICAL CROSS-SECTIONAL AREA (mm ²)				5171	5171	5171	5171	5171	5171	5171
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)				2073	2073	2335	2464	2851	3243	3892
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)				1188	1188	1334	1410	1632	1855	2224
					PARTING LOAD (kN)						
	REGULAR COUPLING O.D.				3140	3011	3212	3376	3999	4364	5187
	SPECIAL CLEARANCE COUPLING O.D.				2326	2206	2326	2442	2905	3140	3719
				OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m ³)	
	REGULAR COUPLING			W	160.25	116.84	11.37		102		0.0475
	SPECIAL CLEARANCE COUPLING			Wc	153.67	116.84	8.31		70		0.0471
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							