

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **339.72 mm**

NOMINAL WEIGHT: **120.09 kg/m**

WALL THICKNESS: **14.73 mm**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (mm)	D	339.72	INSIDE DIA. (mm)	d	310.26	DRIFT DIA. (mm)				306.30	PLAIN END WT (kg/m)		117.95
	GRADE				N80	L80	C90	C95	P110	Q125	150			150
	COLLAPSE RESISTANCE (MPa)				23.8	23.8	25.3	26.0	27.6	28.5	28.8			
	INTERNAL YIELD PRESSURE (MPa)				41.9	41.9	47.1	49.7	57.6	65.4	78.5			
	BODY YIELD STRENGTH (kN)				8296	8296	9332	9853	11410	12962	15555			
	ULTIMATE STRENGTH (kN)				10369	9853	10369	10889	12962	13999	16592			
	NOMINAL CROSS-SECTIONAL AREA (mm ²)				15041	15041	15041	15041	15041	15041	15041			
MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0													
	REGULAR		MINIMUM (Nm)		28960	28960	30030	30560	32170	33790	36470			
			OPTIMUM (Nm)		32170	32170	33370	33960	35750	37540	40530			
			MAXIMUM (Nm)		35390	35390	36700	37370	39330	41300	44580			
			BODY YIELD TORQUE (Nm)		746130	746130	839400	886030	1025930	1165830	1399000			
	SPECIAL CLEARANCE		MINIMUM (Nm)		26060	26060	27040	27520	28960	30410	32820			
			OPTIMUM (Nm)		28960	28960	30030	30570	32170	33790	36470			
			MAXIMUM (Nm)		31860	31860	33030	33620	35390	37160	40120			
	CONNECTION	COLLAPSE RESISTANCE (MPa)				23.8	23.8	25.3	26.0	27.6	28.5	28.8		
COMPRESSION RESISTANCE (%)				100	100	100	100	100	100	100				
TENSILE EFFICIENCY (%)				100	100	100	100	100	100	100				
INTERNAL YIELD PRESSURE (MPa)				41.9	41.9	47.1	49.7	57.6	65.4	78.5				
MAXIMUM BENDING ANGLE (° PER 30m)				30	30	33	35	41	46	55				
BOX CRITICAL CROSS-SECTIONAL AREA (mm ²)				15338	15338	15338	15338	15338	15338	15338				
MAXIMUM LOAD OF REG. COUPLING FACE (kN)				5858	5858	6588	6957	8056	9154	10983				
MAXIMUM LOAD OF S.C. COUPLING FACE (kN)				3216	3216	3616	3821	4422	5026	6032				
				PARTING LOAD (kN)										
REGULAR COUPLING O.D.				8456	8238	8977	9452	11089	12299	14675				
SPECIAL CLEARANCE COUPLING O.D.				6899	6557	6899	7246	8625	9315	11040				
			OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m ³)					
REGULAR COUPLING			W	363.60	312.80	41.54		102		0.1417				
SPECIAL CLEARANCE COUPLING			Wc	355.09	312.80	29.43		70		0.1402				
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										