

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **355.60 mm**

NOMINAL WEIGHT: **178.58 kg/m**

WALL THICKNESS: **21.59 mm**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (mm)	D	355.60	INSIDE DIA. (mm)	d	312.42	DRIFT DIA. (mm)	307.64	PLAIN END WT (kg/m)		177.66	
	GRADE				N80		L80	C90	C95	P110	Q125	150
COLLAPSE RESISTANCE (MPa)				52.5		52.5	57.0	59.0	64.7	69.6	75.9	
INTERNAL YIELD PRESSURE (MPa)				58.6		58.6	65.9	69.6	80.6	91.6	109.9	
BODY YIELD STRENGTH (kN)				12495		12495	14056	14839	17183	19523	23429	
ULTIMATE STRENGTH (kN)				15622		14839	15622	16401	19523	21089	24990	
NOMINAL CROSS-SECTIONAL AREA (mm ²)				22655		22655	22655	22655	22655	22655	22655	
MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR		MINIMUM (Nm)		51020	51020	52280	52900	54820	56700	59870	
			OPTIMUM (Nm)		56690	56690	58100	58790	60900	63000	66530	
			MAXIMUM (Nm)		62350	62350	63910	64670	66990	69310	73190	
			BODY YIELD TORQUE (Nm)		1136450	1136450	1278500	1349530	1562610	1775700	2130830	
	SPECIAL CLEARANCE		MINIMUM (Nm)		45920	45920	47050	47630	49340	51050	53880	
			OPTIMUM (Nm)		51020	51020	52280	52920	54820	56710	59870	
			MAXIMUM (Nm)		56120	56120	57510	58210	60290	62380	65870	
	CONNECTION	COLLAPSE RESISTANCE (MPa)				52.5		52.5	57.0	59.0	64.7	69.6
COMPRESSION RESISTANCE (%)				100		100	100	100	100	100	100	
TENSILE EFFICIENCY (%)				100		100	100	100	100	100	100	
INTERNAL YIELD PRESSURE (MPa)				58.6		58.6	65.9	69.6	80.6	91.6	109.9	
MAXIMUM BENDING ANGLE (° PER 30m)				29		29	33	35	40	46	55	
BOX CRITICAL CROSS-SECTIONAL AREA (mm ²)				23106		23106	23106	23106	23106	23106	23106	
MAXIMUM LOAD OF REG. COUPLING FACE (kN)				10013		10013	11263	11890	13767	15644	18771	
MAXIMUM LOAD OF S.C. COUPLING FACE (kN)				6023		6023	6775	7148	8278	9408	11290	
				PARTING LOAD (kN)								
REGULAR COUPLING O.D.				12629		12326	13451	14168	16610	18447	22019	
SPECIAL CLEARANCE COUPLING O.D.				10382		9866	10382	10903	12980	14016	16614	
			OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m ³)			
REGULAR COUPLING			W	391.16	314.96	64.27		102		0.2138		
SPECIAL CLEARANCE COUPLING			Wc	379.17	314.96	45.99		70		0.2114		
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								