

TECHNICAL INFORMATION - HSC HICOM

CASING



SIZE: **193.68 mm**

NOMINAL WEIGHT: **63.69 kg/m**

WALL THICKNESS: **14.27 mm**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (mm)	D	193.68	INSIDE DIA. (mm)	d	165.13	DRIFT DIA. (mm)				161.95	PLAIN END WT (kg/m)		63.08
	GRADE				N80	L80	C90	C95	P110	Q125	150			
	COLLAPSE RESISTANCE (MPa)				74.5	74.5	82.0	85.6	96.0	105.8	120.7			
	INTERNAL YIELD PRESSURE (MPa)				71.1	71.1	80.0	84.5	97.8	111.2	133.4			
	BODY YIELD STRENGTH (kN)				4439	4439	4991	5271	6103	6935	8323			
	ULTIMATE STRENGTH (kN)				5547	5271	5547	5823	6935	7486	8874			
	NOMINAL CROSS-SECTIONAL AREA (mm ²)				8045	8045	8045	8045	8045	8045	8045			

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0								
	REGULAR	MINIMUM (Nm)	13400	13400	13880	14130	14860	15590	16810
		OPTIMUM (Nm)	14890	14890	15430	15700	16510	17330	18680
	MAXIMUM (Nm)	16380	16380	16970	17270	18170	19060	20550	
	BODY YIELD TORQUE (Nm)	214230	214230	241010	254390	294570	334720	401670	
SPECIAL CLEARANCE	MINIMUM (Nm)	12050	12050	12500	12720	13370	14030	15130	
	OPTIMUM (Nm)	13400	13400	13880	14130	14860	15590	16810	
	MAXIMUM (Nm)	14740	14740	15270	15540	16350	17150	18490	

CONNECTION	COLLAPSE RESISTANCE (MPa)				74.5	74.5	82.0	85.6	96.0	105.8	120.7
	COMPRESSION RESISTANCE (%)				100	100	100	100	100	100	100
	TENSILE EFFICIENCY (%)				100	100	100	100	100	100	100
	INTERNAL YIELD PRESSURE (MPa)				71.1	71.1	80.0	84.5	97.8	111.2	133.4
	MAXIMUM BENDING ANGLE (° PER 30m)				56	56	62	66	76	87	104
	BOX CRITICAL CROSS-SECTIONAL AREA (mm ²)				8204	8204	8204	8204	8204	8204	8204
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)				3350	3350	3768	3977	4604	5231	6281
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)				1939	1939	2180	2300	2664	3029	3634
	PARTING LOAD (kN)										
	REGULAR COUPLING O.D.				4862	4684	5022	5280	6236	6832	8127
SPECIAL CLEARANCE COUPLING O.D.				3692	3505	3692	3874	4613	4982	5907	
			OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)	JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m ³)			
REGULAR COUPLING			W	217.09	167.67	19.17	102		0.0755		
SPECIAL CLEARANCE COUPLING			Wc	209.42	167.67	13.92	70		0.0748		
LENGTH OF COUPLING (mm)			NL	260.60	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	104.90							