

# TECHNICAL INFORMATION - HSC HICOM

# CASING

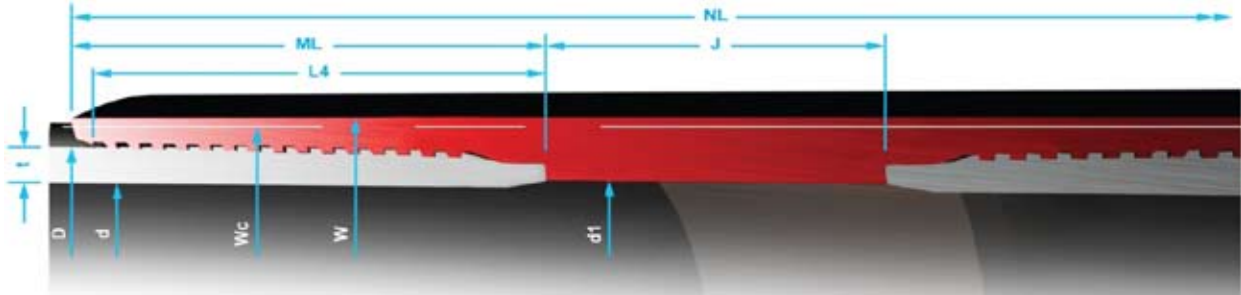


SIZE: **298.45 mm**

NOMINAL WEIGHT: **89.29 kg/m**

WALL THICKNESS: **12.42 mm**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (mm)	D	298.45	INSIDE DIA. (mm)	d	273.61	DRIFT DIA. (mm)				269.65	PLAIN END WT (kg/m)		87.52
	GRADE				N80	L80	C90	C95	P110	Q125	150			
	COLLAPSE RESISTANCE (MPa)				21.9	21.9	23.2	23.6	24.8	25.4	25.4			
	INTERNAL YIELD PRESSURE (MPa)				40.2	40.2	45.2	47.7	55.2	62.8	75.3			
	BODY YIELD STRENGTH (kN)				6156	6156	6926	7308	8465	9617	11543			
	ULTIMATE STRENGTH (kN)				7695	7308	7695	8078	9617	10387	12313			
	NOMINAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )				11161	11161	11161	11161	11161	11161	11161			

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0								
	REGULAR	MINIMUM (Nm)	18070	18070	18860	19250	20450	21630	23600
		OPTIMUM (Nm)	20080	20080	20960	21390	22710	24030	26220
	MAXIMUM (Nm)	22090	22090	23060	23540	24990	26420	28840	
	BODY YIELD TORQUE (Nm)	488080	488080	549090	579600	671100	762620	915150	
SPECIAL CLEARANCE	MINIMUM (Nm)	16270	16270	16970	17340	18400	19470	21250	
	OPTIMUM (Nm)	18070	18070	18860	19270	20450	21630	23600	
	MAXIMUM (Nm)	19880	19880	20740	21190	22490	23790	25960	

CONNECTION	COLLAPSE RESISTANCE (MPa)				21.9	21.9	23.2	23.6	24.8	25.4	25.4
	COMPRESSION RESISTANCE (%)				100	100	100	100	100	100	100
	TENSILE EFFICIENCY (%)				100	100	100	100	100	100	100
	INTERNAL YIELD PRESSURE (MPa)				40.2	40.2	45.2	47.7	55.2	62.8	75.3
	MAXIMUM BENDING ANGLE (° PER 30m)				34	34	38	40	46	52	63
	BOX CRITICAL CROSS-SECTIONAL AREA (mm <sup>2</sup> )				11381	11381	11381	11381	11381	11381	11381
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)				3995	3995	4493	4742	5489	6241	7486
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)				2033	2033	2286	2415	2798	3176	3812
	<b>PARTING LOAD (kN)</b>										
	REGULAR COUPLING O.D.				6405	6223	6748	7099	8349	9226	11000
SPECIAL CLEARANCE COUPLING O.D.				5120	4866	5120	5378	6401	6913	8194	
			OUTSIDE DIA. (mm)	INSIDE DIA. (d1) (mm)	WEIGHT (kg)	JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m <sup>3</sup> )			
REGULAR COUPLING			W	318.06	276.15	30.35	102		0.1050		
SPECIAL CLEARANCE COUPLING			Wc	310.85	276.15	21.37	70		0.1039		
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							