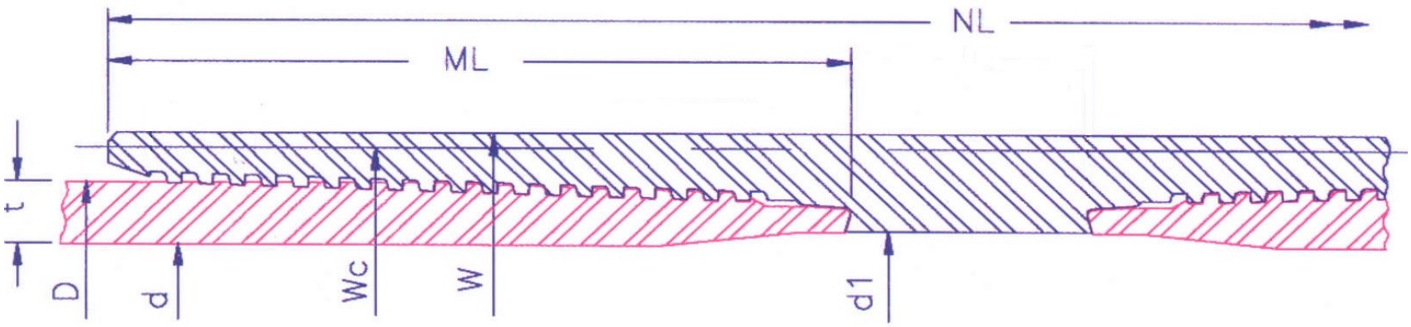
TECHNICAL INFORMATION

CASING

SIZE:	**177.80mm (7")**
NOMINAL WEIGHT:	**34.23 kg/m (23.00 lb/ft)**
WALL THICKNESS:	**8.05mm (0.317")**
THREADS PER INCH:	**5**



PIPE BODY	OUTSIDE DIA. (mm)	D	177.8	INSIDE DIA. (mm)		d	161.7	DRIFT DIA. (mm)		158.52	PLAIN END WT (kg/m)		33.68
	GRADE			55	N80	80	90	95	C110	110	C125	125	140	150
	COLLAPSE RESISTANCE (MPa)			22.5	26.4	26.4	27.7	28.5	30.6	30.6	32	32	32.8	32.9
	INTERNAL YIELD PRESSURE (MPa)			30.1	43.7	43.7	49.2	51.9	60.1	60.1	68.3	68.3	76.5	82
	BODY YIELD STRENGTH (kN)			1628	2368	2368	2664	2812	3257	3257	3701	3701	4145	4441
	ULTIMATE STRENGTH (kN)			2812	2961	2812	2961	3109	3405	3701	3849	3997	4441	4737
	YIELD TORQUE (N.m)			76350	111050	111050	124930	131870	152690	152690	173520	173520	194340	208220
MAKE UP	RECOMMENDED MAKEUP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0													
	REGULAR (N.m)	MINIMUM		7590	8570	8570	9270	9270	9720	9720	10130	10130	11050	11470
		OPTIMUM		8430	9520	9520	10290	10290	10790	10790	11250	11250	12270	12740
		MAXIMUM		9270	10470	10470	11310	11310	11860	11860	12380	12380	13490	14020
	SPECIAL CLEARANCE (N.m)	MINIMUM		7590	8570	8570	9270	9270	9720	9720	10130	10130	11050	11470
		OPTIMUM		8430	9520	9520	10290	10290	10790	10790	11250	11250	12270	12740
		MAXIMUM		9270	10470	10470	11310	11310	11860	11860	12380	12380	13490	14020
CONNECTION	COLLAPSE RESISTANCE (MPa)			22.5	26.4	26.4	27.7	28.5	30.6	30.6	32	32	32.8	32.9
	INTERNAL YIELD PRESSURE (MPa)			30.1	43.7	43.7	49.2	51.9	60.1	60.1	68.3	68.3	76.5	82
	MAXIMUM LOAD OF COUPLING FACE (kN)	REGULAR		1384	2013	2013	2264	2390	2767	2767	3145	3145	3522	3774
		S.C.		541	787	787	885	934	1082	1082	1229	1229	1377	1475
				PARTING LOAD (kN)										
	REGULAR COUPLING			2320	2614	2515	2692	2831	3147	3346	3562	3662	4077	4354
	S.C. COUPLING			2264	2383	2264	2383	2503	2741	2979	3098	3218	3575	3814

		OUTSIDE DIA. (mm)	INSIDE DIA. (mm)	WEIGHT (kg)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (m^3)
COUPLING OUTSIDE DIAMETER	W	195.10	163.25	14.76	136	0.04075
	Wc	187.71	163.25	9.30	85	0.04006
COUPLING LENGTH (mm)	NL	313.46	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	132.79				