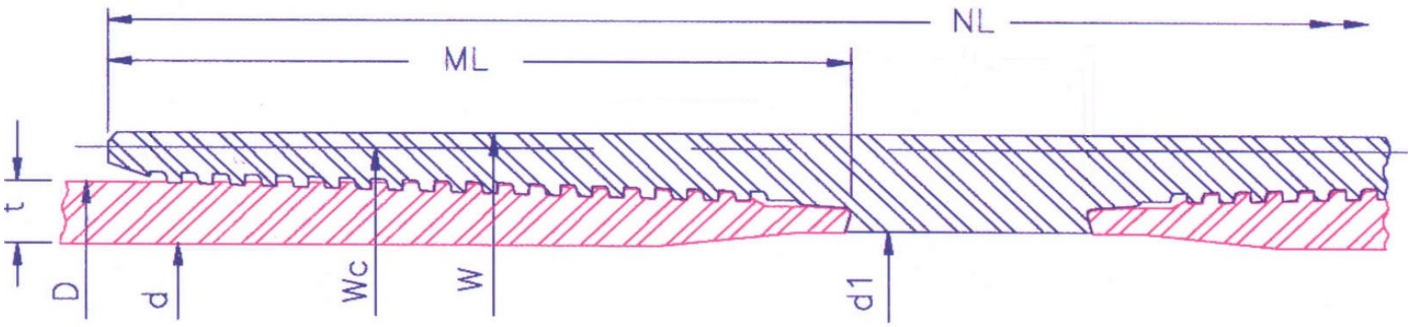
TECHNICAL INFORMATION

CASING

SIZE:	**177.80mm (7")**
NOMINAL WEIGHT:	**38.69 kg/m (26.00 lb/ft)**
WALL THICKNESS:	**9.19mm (0.362")**
THREADS PER INCH:	**5**



PIPE BODY	OUTSIDE DIA. (mm) D 177.8		INSIDE DIA. (mm) d 159.41			DRIFT DIA. (mm) 156.24			PLAIN END WT (kg/m) 38.19			
	GRADE		55	N80	80	90	95	C110	110	C125	125	140	150
	COLLAPSE RESISTANCE (MPa)		29.8	37.3	37.3	39.6	40.6	43	43	44.5	44.5	46.1	47.4
	INTERNAL YIELD PRESSURE (MPa)		34.3	49.9	49.9	56.2	59.3	68.6	68.6	78	78	87.4	93.6
	BODY YIELD STRENGTH (kN)		1847	2686	2686	3022	3190	3694	3694	4198	4198	4701	5037
	ULTIMATE STRENGTH (kN)		3190	3358	3190	3358	3526	3862	4198	4365	4533	5037	5373
	YIELD TORQUE (N.m)		85500	124360	124360	139910	147680	171000	171000	194310	194310	217630	233180
MAKE UP	RECOMMENDED MAKEUP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0												
	REGULAR (N.m)	MINIMUM	8830	10130	10130	10620	10620	11470	11470	12410	12410	12880	13350
		OPTIMUM	9800	11250	11250	11800	11800	12740	12740	13760	13760	14240	14710
		MAXIMUM	10780	12380	12380	12980	12980	14020	14020	15120	15120	15590	16070
	SPECIAL CLEARANCE (N.m)	MINIMUM	8830	10130	10130	10620	10620	11470	11470	12410	12410	12880	13350
		OPTIMUM	9800	11250	11250	11800	11800	12740	12740	13760	13760	14240	14710
		MAXIMUM	10780	12380	12380	12980	12980	14020	14020	15120	15120	15590	16070
CONNECTION	COLLAPSE RESISTANCE (MPa)		29.8	37.3	37.3	39.6	40.6	43	43	44.5	44.5	46.1	47.4
	INTERNAL YIELD PRESSURE (MPa)		34.3	49.9	49.9	56.2	59.3	68.6	68.6	78	78	87.4	93.6
	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		2631	2965	2852	3054	3211	3569	3795	4041	4154	4625	4939
	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	162.23	14.86	120	0.04599
	Wc	187.71	162.23	9.40	75	0.04530
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				