

# TECHNICAL INFORMATION

# CASING

SIZE:	177.80 mm
NOMINAL WEIGHT:	43.16 kg/m
WALL THICKNESS:	10.36 mm
THREADS PER INCH:	5



<b>P I P E  B O D Y</b>	OUTSIDE DIA.(mm)D	177.80	INSIDE DIA.(mm) d	157.07	DRIFT DIA. (mm)			153.90	PLAIN END WT (kg/m)		42.74
	GRADE		K55	N80	L80	C90	C95	P110	Q125	150	
	COLLAPSE RESISTANCE (MPa)		37.3	48.4	48.4	52.3	54.0	58.8	62.8	67.5	
	INTERNAL YIELD PRESSURE (MPa)		38.7	56.3	56.3	63.3	66.8	77.4	87.9	105.5	
	BODY YIELD STRENGTH (kN)		2067	3007	3007	3383	3571	4134	4698	5638	
	ULTIMATE STRENGTH (kN)		3571	3758	3571	3758	3946	4698	5074	6014	
	YIELD TORQUE (Nm)		94450	137390	137390	154560	163150	188910	214670	257600	

RECOMMENDED MAKEUP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0										
<b>M A K E  U P</b>	REGULAR	MINIMUM (Nm)	10130	11470	11470	12410	12410	13350	14170	15520
		OPTIMUM (Nm)	11250	12740	12740	13760	13760	14710	15660	17150
		MAXIMUM (Nm)	12380	14020	14020	15120	15120	16070	17150	18780
	SPECIAL CLEARANCE	MINIMUM (Nm)	10130	11470	11470	12410	12410	13350	14170	15520
		OPTIMUM (Nm)	11250	12740	12740	13760	13760	14710	15660	17150
		MAXIMUM (Nm)	12380	14020	14020	15120	15120	16070	17150	18780

<b>C O N N E C T I O N</b>	COLLAPSE RESISTANCE (MPa)		37.3	48.4	48.4	52.3	54.0	58.8	62.8	67.5	
	INTERNAL YIELD PRESSURE (MPa)		38.7	56.3	56.3	63.3	66.8	77.4	87.9	105.5	
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)		1384	2013	2013	2264	2390	2767	3145	3774	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)		541	787	787	885	934	1082	1229	1475	
	<b>PARTING LOAD (kN)</b>										
	REGULAR COUPLING O.D.		2945	3319	3193	3418	3594	4248	4649	5528	
	SPECIAL CLEARANCE COUPLING O.D.		2264	2383	2264	2383	2503	2979	3218	3814	
			OUTSIDE DIA.(mm)	INSIDE DIA.(mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m³)		
	REGULAR COUPLING		W	195.10	161.04	15.03		108		0.05133	
	SPECIAL CLEARANCE COUPLING		Wc	187.71	161.04	9.57		67		0.05064	
	LENGTH OF COUPLING (mm)		NL	313.46							
MAKE UP LOSS (mm)		ML	132.79								

The above information is for reference only. The information is subject to change or modification without notice. Please contact HSC for the latest information