

# TECHNICAL INFORMATION

# CASING

SIZE:	219.08 mm
NOMINAL WEIGHT:	59.53 kg/m
WALL THICKNESS:	11.43 mm
THREADS PER INCH:	5



<b>P I P E  B O D Y</b>	OUTSIDE DIA.(mm)D	219.08	INSIDE DIA.(mm) d	196.22	DRIFT DIA. (mm)			PLAIN END WT (kg/m)		58.47
	GRADE	K55		N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (MPa)	30.3		38.1	38.1	40.5	41.5	44.1	45.7	48.4
	INTERNAL YIELD PRESSURE (MPa)	34.6		50.4	50.4	56.7	59.8	69.2	78.7	94.4
	BODY YIELD STRENGTH (kN)	2827		4113	4113	4627	4884	5655	6426	7711
	ULTIMATE STRENGTH (kN)	4884		5141	4884	5141	5398	6426	6940	8225
	YIELD TORQUE (Nm)	161130		234370	234370	263670	278310	322260	366200	439440

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)	13350	15050	15050	16410	16410	17220	18570	19520
		OPTIMUM (Nm)	14710	16680	16680	18170	18170	19120	20610	21560
		MAXIMUM (Nm)	16070	18300	18300	19930	19930	21020	22640	23590
	SPECIAL CLEARANCE	MINIMUM (Nm)	13350	15050	15050	16410	16410	17220	18570	19520
		OPTIMUM (Nm)	14710	16680	16680	18170	18170	19120	20610	21560
		MAXIMUM (Nm)	16070	18300	18300	19930	19930	21020	22640	23590

<b>C O N N E C T I O N</b>	COLLAPSE RESISTANCE (MPa)		30.3	38.1	38.1	40.5	41.5	44.1	45.7	48.4
	INTERNAL YIELD PRESSURE (MPa)		34.6	50.4	50.4	56.7	59.8	69.2	78.7	94.4
	MAXIMUM LOAD OF REG. COUPLING FACE (kN)		2905	4225	4225	4754	5018	5810	6602	7923
	MAXIMUM LOAD OF S.C. COUPLING FACE (kN)		1071	1557	1557	1752	1849	2141	2433	2920
	<b>PARTING LOAD (kN)</b>									
	REGULAR COUPLING O.D.		3878	4451	4295	4618	4857	5730	6292	7488
	SPECIAL CLEARANCE COUPLING O.D.		3587	3776	3587	3776	3965	4720	5098	6042
			OUTSIDE DIA.(mm)	INSIDE DIA.(mm)	WEIGHT (kg)		JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (m <sup>3</sup> )	
	REGULAR COUPLING		W	245.11	202.74	27.83		142		0.07108
	SPECIAL CLEARANCE COUPLING		Wc	232.21	202.74	15.33		77		0.06948
LENGTH OF COUPLING (mm)		NL	329.46							
MAKE UP LOSS (mm)		ML	140.84							

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