

TECHNICAL SPECIFICATIONS
8-1/4" OD NMCS DP. (Non-Mag. Flex Collar) 6-5/8" Reg. Conn's.
New
Premium

80% Remaining Body Wall

DESCRIPTION

Type

Non-Magnetic

Range

2

Conventional=welded T-J. / Integral=Monoblock

Integral

TUBE DATA

Material grade		P-530 / Amagnit-501			
Internal plastic coating		N/A			
Tube body OD x ID	inch	6,625	2,813	5,863	2,813
Wall thickness, nominal	inch	1,906		1,525	
Cross Sectional Area	inch ²	28,259		20,781	
Polar Sectional Modulus	inch ³	55,239		37,468	
Tensile yield pipe	lbf	2 825 000		2 078 000	
	kN	12 566		9 243	
Torsional yield pipe	lbf-ft	265 600		180 100	
	kNm	360,1		244,2	
80% Torsional Yield	lbf-ft	212 480		144 080	
	kNm	288,1		195,3	

CONNECTIONS DATA

Connection type		6-5/8" Reg. (API)			
Stress Relief Grooves		SRG / BB			
Material grade		P-530 / Amagnit-501			
Hardbanding		Inconel-625 / CastoMag-45513			
OD x ID	inch	8,250	2,813	7,750	2,813
B.S.R.	x : 1	2,93		2,30	
Tensile yield tooljoint	lbf	1 822 800		1 822 800	
	kN	8 108		8 108	
Torsional yield tooljoint	lbf-ft	87 300		85 800	
	kNm	118,4		116,3	
Make up torque (Max.)	lbf-ft	54 400		53 400	
	kNm	73,8		72,4	

OPERATIONAL DATA

Tool-joint/Drill-pipe torsional ratio		0,33		0,48	
Drift diameter	inch		2,688		
Type of elevator shoulder			18°		
Burst pressure	psi	50 350		46 030	
	Mpa	347		317	
Collapse pressure	psi	40 990		38 490	
	MPa	283		265	
Adjusted weight	lbs/ft		116,2		
	kg/mtr		172,9		
Approx weight each joint	lbs		3 602		
	kg		1 634		
Capacity	gal/ft		0,324		
	ltr/mtr		4,02		
Open end displacement	gal/ft		1,78		
	ltr/mtr		22,11		
Closed end displacement	gal/ft		2,10		
	ltr/mtr		26,13		
Built In Length (shoulder to shoulder)	ft		31,0		
	mtr.		9,45		

Calculated using nominal OD & ID. Safety & Dope friction factor used: 1.0

Values herein is meant as guidelines only. Odfjell will not be held liable for any damage or injuries !

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