

Equipment No's: Ref. Enclosed page

Spec. No.: DP-6.625-03

TECHNICAL SPECIFICATIONS

6-5/8" OD Drill Pipe, S-135, 6-5/8" FH. Conn's.
New
Premium

80% Remaining Body Wall

DESCRIPTION

Type

IEU, 27.70 #

Range

2

Conventional=welded T-J. / Integral=Monoblock

Conventional

TUBE DATA

Material grade				S-135	
Internal plastic coating				None	
Tube body OD x ID	inch	6,625	5,901	6,480	5,901
Wall thickness, nominal	inch	0,362		0,290	
Cross Sectional Area	inch ²	7,123		5,632	
Polar Sectional Modulus	inch ³	21,156		16,691	
Tensile yield pipe	lbf	961 600		760 400	
	kN	4 277		3 382	
Torsional yield pipe	lbf-ft	137 300		108 300	
	kNm	186,2		146,8	
80% Torsional Yield	lbf-ft	109 840		86 640	
	kNm	148,9		117,5	

CONNECTIONS DATA

Connection type				6-5/8" FH.	
Material grade				120 ksi	
Hardbanding				None	
OD x ID	inch	8,500	4,250	8,375	4,250
B.S.R.	x : 1	2,30		2,16	
Tensile yield tooljoint	lbf	2 077 000		2 077 000	
	kN	9 239		9 239	
Torsional yield tooljoint	lbf-ft	109 000		108 800	
	kNm	147,8		147,5	
Make up torque (Max.)	lbf-ft	65 000		65 000	
	kNm	88,1		88,1	

OPERATIONAL DATA

Tool-joint/Drill-pipe torsional ratio	=> 0.80	0,79		1,01	
Drift diameter	inch		4,125		
Type of elevator shoulder			18°		
Burst pressure	psi	12 900		11 800	
	Mpa	89		81	
Collapse pressure	psi	7 800		3 400	
	MPa	54		23	
Adjusted weight	lbs/ft		34,7		
	kg/mtr		51,6		
Approx weight each joint	lbs		1 093		
	kg		496		
Capacity	gal/ft		1,34		
	ltr/mtr		16,64		
Open end displacement	gal/ft		0,53		
	ltr/mtr		6,58		
Closed end displacement	gal/ft		1,87		
	ltr/mtr		23,22		
Built In Length (shoulder to shoulder)	ft		31,5		
	mtr.		9,6		

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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<i>String number:</i>	<i>Joints:</i>	<i>Individual serial numbers:</i>
OWS-DP-6583	21	P-530 to P-550