

Equipment No's: Ref. Enclosed page

Spec. No.: HWDP-6.625-02

TECHNICAL SPECIFICATIONS

6-5/8" OD, 4" ID Heavy-Weight Drill Pipe, 6-5/8" Reg. Conn's

New

Limited Service

Premium

80% Remaining Body Wall

DESCRIPTION

Type AISI-4145H, 74.06#
 Range 2
 Conventional=welded T-J. / Integral=Monoblock Integral

TUBE DATA

Material grade		AISI-4145H (110 ksi)			
Internal plastic coating		TC-2000			
Tube body OD x ID	inch	6,625	4,000	6,100	4,000
Wall thickness, nominal	inch	1,313		1,050	
Cross Sectional Area	inch ²	21,905		16,658	
Polar Sectional Modulus	inch ³	49,506		36,327	
Tensile yield pipe	lbf	2 409 600		1 832 400	
	kN	10 718		8 151	
Torsional yield pipe	lbf-ft	261 860		192 150	
	kNm	355,0		260,5	
80% Torsional Yield	lbf-ft	209 488		153 720	
	kNm	284,0		208,4	

CONNECTIONS DATA

Connection type		6-5/8" Reg.			
Stress Relief Grooves		SRG / BB			
Material grade		AISI-4145H (110 ksi)			
Hardbanding		TCS-Titanium			
OD x ID	inch	8,000	4,000	7,750	4,000
B.S.R.	x : 1	3,71		3,27	
Tensile yield tooljoint	lbf	1 123 900		1 123 900	
	kN	4 999		4 999	
Torsional yield tooljoint	lbf-ft	53 400		52 900	
	kNm	72,4		71,7	
Make up torque (Max.)	lbf-ft	35 000		34 700	
	kNm	47,5		47,0	

OPERATIONAL DATA

Tool-joint/Drill-pipe torsional ratio		0,20		0,28	
Drift diameter	inch		3,875		
Type of elevator shoulder			18°		
Burst pressure	psi	38 140		34 870	
	Mpa	263		240	
Collapse pressure	psi	34 950		31 350	
	MPa	241		216	
Adjusted weight	lbs/ft		86,0		
	kg/mtr		128,0		
Approx weight each joint	lbs		2 666		
	kg		1 209		
Capacity	gal/ft		0,656		
	ltr/mtr		8,15		
Open end displacement	gal/ft		1,33		
	ltr/mtr		16,52		
Closed end displacement	gal/ft		1,99		
	ltr/mtr		24,66		
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 !

<http://www.ows.no/Legal-Notice>

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ODFJELL WELL SERVICES

A PART OF ODFJELL DRILLING
String number:

Joints:

Individual serial numbers:

OWS-HWDP-6589

30

OWS-85 to OWS-114

OWS-HWDP-65811

30

OWS-145 to OWS-174

OWS-HWDP-65812

75

OWS-175 to OWS-249

OWS-HWDP-65814

30

OWS-270 to OWS-299

OWS-HWDP-6.625-02

15

OWS-300 to OWS-314