

TECHNICAL SPECIFICATIONS

Equipment No's: Ref. Enclosed page

Spec. No.: HWDP-6.625-02

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

Premium

DESCRIPTION

Type
Range
Conventional=welded T-J. / Integral=Monoblock

80% remaining Body Wall

AISI-4145H, 74.06#

2

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	

CONNECTION 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 Maximum	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 !

<i>String number:</i>	<i>Joints:</i>	<i>Individual serial numbers:</i>
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