

Equipment No's: Ref. Enclosed page

Spec. No.: DP-5.5-06

TECHNICAL SPECIFICATIONS

5-1/2" OD Drill Pipe, S-135, 5-1/2" FH. VAM EIS Conn's.
New
Premium

80% Remaining Body Wall

DESCRIPTION

 Type IEU, 21.90 #
 Range 3
 Conventional=welded T-J. / Integral=Monoblock Conventional

TUBE DATA

Material grade		S-135
Internal plastic coating		TK-34P
Tube body OD x ID	inch	5,500 4,778 5,355 4,778
Wall thickness, nominal	inch	0,361 0,289
Cross Sectional Area	inch ²	5,828 4,592
Polar Sectional Modulus	inch ³	14,062 11,042
Tensile yield pipe	lbf	786 800 619 900
	kN	3 500 2 757
Torsional yield pipe	lbf-ft	91 280 71 680
	kNm	123,8 97,2
80% Torsional Yield	lbf-ft	73 024 57 344
	kNm	99,0 77,7

CONNECTIONS DATA

Connection type		5-1/2" FH. VAM EIS
Material grade		120 ksi
Hardbanding		Arnco-300XT
OD x ID	inch	7,250 3,750 6,859 3,750
B.S.R.	x : 1	2,46 1,94
Tensile yield tooljoint	lbf	1 427 100 1 216 200
	kN	6 348 5 410
Torsional yield tooljoint	lbf-ft	91 010 80 680
	kNm	123,4 109,4
Make up torque (Max.)	lbf-ft	51 900 46 000
	kNm	70,4 62,4

OPERATIONAL DATA

Tool-joint/Drill-pipe torsional ratio		1,00 1,27
Drift diameter	inch	3,625
Type of elevator shoulder		18°
Burst pressure	psi	15 500 14 200
	Mpa	107 98
Collapse pressure	psi	12 700 7 500
	MPa	88 52
Adjusted weight	lbs/ft	23,6
	kg/mtr	35,1
Approx weight each joint	lbs	1 062
	kg	482
Capacity	gal/ft	0,915
	ltr/mtr	11,36
Open end displacement	gal/ft	0,36
	ltr/mtr	4,47
Closed end displacement	gal/ft	1,28
	ltr/mtr	15,83
Built In Length (shoulder to shoulder)	ft	45,0
	mtr.	13,7

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-5122-EIS	404	OWS-9222 to OWS-9625