

Equipment No's: Ref. Enclosed page

Spec. No.: DP-5.875-05

TECHNICAL SPECIFICATIONS

5-7/8" OD TWDP. "Landing String", S-135, XT-57 Conn's.
New
Premium

80% Remaining Body Wall

DESCRIPTION

 Type IEU, 34.21 #
 Range 2
 Conventional=welded T-J. / Integral=Monoblock Conventional

TUBE DATA

Material grade			S-135
Internal plastic coating			TK-34P
Tube body OD x ID	inch	5,875 4,625	5,625 4,625
Wall thickness, nominal	inch	0,625	0,500
Cross Sectional Area	inch ²	10,308	8,050
Polar Sectional Modulus	inch ³	24,523	18,974
Tensile yield pipe	lbf	1 391 600	1 086 800
	kN	6 190	4 834
Torsional yield pipe	lbf-ft	159 200	123 200
	kNm	215,8	167,0
80% Torsional Yield	lbf-ft	127 360	98 560
	kNm	172,7	133,6

CONNECTIONS DATA

Connection type			XT-57
Material grade			120 ksi
Hardbanding			Arnco-300XT
OD x ID	inch	7,000 3,750	6,767 3,750
B.S.R.	x : 1	NA	NA
Tensile yield tooljoint	lbf	1 424 700	1 300 600
	kN	6 337	5 785
Torsional yield tooljoint	lbf-ft	113 100	98 300
	kNm	153,3	133,3
Make up torque (Rec.)	lbf-ft	67 900	59 000
	kNm	92,1	80,0

OPERATIONAL DATA

Tool-joint/Drill-pipe torsional ratio	=> 0.80	0,71	0,92
Drift diameter	inch		3,625
Type of elevator shoulder			18°
Burst pressure	psi	25 130	22 980
	Mpa	173	158
Collapse pressure	psi	25 670	21 870
	MPa	177	151
Adjusted weight	lbs/ft		42,02
	kg/mtr		62,5
Approx weight each joint	lbs		1 345
	kg		610
Capacity	gal/ft		0,82
	ltr/mtr		10,18
Open end displacement	gal/ft		0,64
	ltr/mtr		7,95
Closed end displacement	gal/ft		1,46
	ltr/mtr		18,13
Built In Length (shoulder to shoulder)	ft		32,0
	mtr.		9,75

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-DPL-5782	232	OWS-500 to OWS-732