

Equipment No's: Ref. Enclosed page

Spec. No.: HWDP-5.875-01

TECHNICAL SPECIFICATIONS

5-7/8" OD Heavy-Weight Drill Pipe, XT-57 Conn's.

New

Premium

80% Remaining Body Wall

DESCRIPTION

Type HW-95, 49.17#
 Range 2
 Conventional=welded T-J. / Integral=Monoblock Conventional

TUBE DATA

Material grade		4130M7 (95 ksi)			
Internal plastic coating		TK-34P			
Tube body OD x ID	inch	5,875	4,000	5,500	4,000
Wall thickness, nominal	inch	0,938		0,750	
Cross Sectional Area	inch ²	14,542		11,192	
Polar Sectional Modulus	inch ³	31,260		23,528	
Tensile yield pipe	lbf	1 381 500		1 063 200	
	kN	6 145		4 729	
Torsional yield pipe	lbf-ft	142 800		107 480	
	kNm	193,6		145,7	
80% Torsional Yield	lbf-ft	114 240		85 984	
	kNm	154,9		116,6	

CONNECTIONS DATA

Connection type		XT-57			
Stress Relief Grooves		NA			
Material grade		4130M7 (120 ksi)			
Hardbanding		Arnco-300XT			
OD x ID	inch	7,000	4,000	6,724	4,000
B.S.R.	x : 1	1,60		1,23	
Tensile yield tooljoint	lbf	1 394 900		1 252 600	
	kN	6 205		5 572	
Torsional yield tooljoint	lbf-ft	106 200		89 000	
	kNm	144,0		120,7	
Make up torque (Max.)	lbf-ft	63 700		53 400	
	kNm	86,4		72,4	

OPERATIONAL DATA

Tool-joint/Drill-pipe torsional ratio		0,74		0,99
Drift diameter	inch		3,875	
Type of elevator shoulder			18°	
Burst pressure	psi	26 530		24 260
	Mpa	183		167
Collapse pressure	psi	25 480		22 380
	MPa	176		154
Adjusted weight	lbs/ft		55,14	
	kg/mtr		82,1	
Approx weight each joint	lbs		1 709	
	kg		775	
Capacity	gal/ft		0,656	
	ltr/mtr		8,15	
Open end displacement	gal/ft		0,84	
	ltr/mtr		10,43	
Closed end displacement	gal/ft		1,50	
	ltr/mtr		18,58	
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-5781

47

43414-28/30-40/42-46 & 37335

OWS-HWDP-5782

42

43692 to 43733 + 43235

OWS-HWDP-5783

80

OWS-1 to OWS-80

OWS-HWDP-5785

36

OWS-081 to OWS-116

OWS-HWDP-5786

36

OWS-117 to OWS-152

OWS-HWDP-5788

60

OWS-87780N to OWS-87841N
OWS-98462N to OWS-98503N