

TECHNICAL SPECIFICATIONS

Equipment No's: Ref. Enclosed page

Spec. No.: HWDP-5.875-01

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

New

Premium

DESCRIPTION

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

80% remaining Body Wall
HW-95, 49.17#
2
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	

CONNECTION 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		1,49	
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 Maximum	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 !

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