

## TECHNICAL SPECIFICATIONS

Equipment No's: Ref. Enclosed page

Spec. No.: DP-6.625-03

### 6-5/8" OD Drill Pipe, S-135, 6-5/8" FH. Conn's.

**New**

**Premium**

80% remaining Body Wall

**DESCRIPTION**

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

IEU, 27.70 #  
2  
Conventional

#### TUBE DATA

Material grade		S-135			
Internal plastic coating		None			
Tube body OD x ID	inch	6,625	5,901	6,480	5,901
Wall thickness, nominal	inch	0,362		0,290	
Cross Sectional Area	inch <sup>2</sup>	7,123		5,632	
Polar Sectional Modulus	inch <sup>3</sup>	21,156		16,691	
Tensile yield pipe	lbf <i>kN</i>	961 600 <i>4 277</i>		760 400 <i>3 382</i>	
Torsional yield pipe	lbf-ft <i>kNm</i>	137 300 <i>186,2</i>		108 300 <i>146,8</i>	
80% Torsional Yield	lbf-ft <i>kNm</i>	109 840 <i>148,9</i>		86 640 <i>117,5</i>	

#### CONNECTION DATA

Connection type		6-5/8" FH.			
Material grade		120 ksi			
Hardbanding		None			
OD x ID	inch	8,500	4,250	8,375	4,250
B.S.R.	x : 1	2,30		2,16	
Tensile yield tooljoint	lbf <i>kN</i>	2 077 000 <i>9 239</i>		2 077 000 <i>9 239</i>	
Torsional yield tooljoint	lbf-ft <i>kNm</i>	109 000 <i>147,8</i>		108 800 <i>147,5</i>	
Make up torque (Max.)	lbf-ft <i>kNm</i>	65 000 <i>88,1</i>		65 000 <i>88,1</i>	

#### OPERATIONAL DATA

Tool joint/Drill pipe torsional ratio	=> 0.80	0,79	1,01		
Drift diameter	inch	4,125			
Type of elevator shoulder:		18°			
Burst pressure	psi <i>Mpa</i>	12 900 <i>89</i>		11 800 <i>81</i>	
Collapse pressure	psi <i>MPa</i>	7 800 <i>54</i>		3 400 <i>23</i>	
Adjusted weight	lbs/ft <i>kg/mtr</i>	34,7 <i>51,6</i>			
Approx weight each joint	lbs <i>kg</i>	1 093 <i>496</i>			
Capacity	gal/ft <i>ltr/mtr</i>	1,34 <i>16,64</i>			
Open end displacement	gal/ft <i>ltr/mtr</i>	0,53 <i>6,58</i>			
Closed end displacement	gal/ft <i>ltr/mtr</i>	1,87 <i>23,22</i>			
Built In Length (shoulder to shoulder)	ft <i>mtr</i>	31,5 <i>9,6</i>			

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-DP-6583	21	P-530 to P-550