

DRILL PIPE

SIZE:	2.875" OD 10.40# 0.362" Wall EU
GRADE:	S-135
RANGE:	II
CONNECTIONS:	NC31

PIPE BODY:

	Nominal 100% RBW	Nominal 95% RBW	Ultra Class 90% RBW	Premium 80% RBW
OD (in)	2,875	2,839	2,803	2.730
Wall Thickness (in)	0,362	0,344	0,326	0,29
Nominal ID:	2,151	2,151	2,151	2.151
Tensile Strenght (lbs)	385,820	363,889	342.236	299.763
Torsional Strenght (in)	20,798	19.547	18.321	15.945
Burst Capacity (psi)	29747	32297	30.597	27.197
Collapse Capacity (psi)	29716	28746	27.739	25.602

TUBULAR ASSEMBLY

Adjusted Weigh (in):	11,89	Fluid Displacement (gal/ft):	0,18
Approximate Length (ft):	31,5	Fluid Displacement (bbls/ft):	0,0043
			41,8604651
Box TJ Length (in):	12	Fluid Capacity w/IPC (gal/ft):	0,18
Pin TJ Length (in):	10	Fluid Capacity w/IPC (bbls):	0,0042
Upset Type :	EU	Fluid Capacity w/IPC (gal/ft):	0,18
Max Upset OD (in):	3,188	Fluid Capacity w/IPC (bbls/ft):	0,0043
Drift Size (in):	1,875		

Notes: Body properties are calculated based on uniform OD and wall thickness. Burst capacity for Nominal (100% RBW) based on 87.5% RBW per API.

Note: These are OEM values that may vary with actual values due to mill tolerances, IPC tolerances, OEM rounding, and other factors. Pipe is purchased at a guaranteed 95% RBW. IPC is applied to a nominal thickness of 0.009". Pipe will have an ID of 2.705", which is smaller than pipe purchased at 87.5%.

CONNECTIONS: API NC31

TOOL JOINT OD (in):	4,125
TOOL JOINT ID (in):	2,000
MYS (ksi):	120
Maximum MUT (ft/lbs):	7.900
Tension at Shoulder Separation @Max MUT (lbs)	Tensile Limited
Tension at Connection Yield @Max MUT (lbs)	401.100
Minimum MUT (ft/lbs):	6.600
Tension at Shoulder Separation @MinMUT (lbs)	468.400
Tension at Connection Yield @Min MUT (lbs)	483.800
Tool Joint Torsional Strenght (ft/lbs):	13.200
Tool Joint Tensile Strenght (ft/lbs):	483.800

Note: MUT values are based on a friction factor of 1.0. There is no published pressure rating for this connection

ELEVATOR SHOULDER

Smooth Edge Height (in):	N/A
Smooth Edge OD (in):	N/A
SE Elevator Shoulder Capacity (lbs):	N/A
Nominal TJ OD Elevator Shoulder Capacity (lbs):	540.300
Nominal TJ OD (in):	4,125
Assume Elevator Bore (in)	3,281

Note: Elevator capacity based on assumed elevator bore, no wear factor, and contact stress of 110, 100 psi. An increased elevator shoulder OD increases elevator capacity without affecting make-up torque.

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