

CASING SPECIFICATION

Casing		BW		NW		HW		HWT		PWT	
Outer diameter OD	mm (in)	73.03	(2.88)	88.90	(3.50)	114.30	(4.50)	114.30	(4.50)	139.70	(5.50)
Inner diameter ID - box shoulder	mm (in)	60.33	(2.38)	76.20	(3.00)	101.60	(4.00)	101.60	(4.00)	127.00	(5.00)
Wall thickness	mm (in)	6.35	(0.25)	6.35	(0.25)	6.35	(0.25)	6.35	(0.25)	6.35	(0.25)
Pin end length	mm (in)	63.50	(2.50)	69.85	(2.75)	76.20	(3.00)	63.50	(2.50)	63.50	(2.50)
Thread pitch	mm (in)	6.35	(0.25)	6.35	(0.25)	6.35	(0.25)	10.16	(0.40)	10.16	(0.40)
Weight	kg/m (lb/ft)	11.71	(7.87)	12.96	(8.71)	16.95	(11.39)	16.95	(11.39)	20.94	(14.07)
Casing content volume	L/m (gal/ft)	4.19	(0.34)	4.56	(0.37)	8.11	(0.65)	8.11	(0.65)	12.67	(1.02)
Hole volume	L/m (gal/ft)	4.45	(0.36)	6.62	(0.53)	10.84	(0.87)	10.84	(0.87)	16.18	(1.30)
Casing/hole annulus volume	L/m (gal/ft)	0.27	(0.02)	0.41	(0.03)	0.58	(0.05)	0.58	(0.05)	0.85	(0.07)
Min yield strength	MPa (psi)	524.00	(76000.00)	524.00	(76000.00)	524.00	(76000.00)	524.00	(76000.00)	524.00	(76000.00)
Min tensile strength	MPa (psi)	599.84	(87000.00)	599.84	(87000.00)	599.84	(87000.00)	599.84	(87000.00)	599.84	(87000.00)
Displacement volume	L/m (gal/ft)	1.33	(0.11)	1.65	(0.13)	2.15	(0.17)	2.15	(0.17)	2.66	(0.21)
Burst pressure - box shoulder	MPa (psi)	30.30	(4394.78)	24.24	(3515.00)	19.56	(2837.33)	14.98	(2172.33)	12.25	(1777.36)
Burst pressure - midbody	MPa (psi)	79.74	(11565.22)	65.50	(9500.00)	50.94	(7388.89)	50.94	(7388.89)	41.68	(6045.45)
Collapse pressure - midbody	MPa (psi)	72.81	(10559.55)	60.82	(8821.43)	48.11	(6978.40)	48.11	(6978.40)	39.79	(5770.66)

Standard geometric data is based on published industry values as described under the International Standard for ISO 10097-2. Some of the recorded values are calculated by the Di-Corp Engineering Department. The care and handling, as well as drilling conditions, practices and equipment used, will also play a significant role in the ultimate capacity and performance.