

DUAL ISOLATION VALVE



TOOL APPLICATIONS

Dual Isolation Valve, commonly referred to as a Kelly cock valve is used to isolate well pressure during Coiled Tubing BHA deployment operations.

The Dual Isolation Valve is configured directly above a deployment bar and beneath a deployment connector in a lower BHA section. Using the BOP pipe rams to secure and seal across the deployment bar, in the "Closed" position, the Dual Isolation Valve provides a double barrier whilst connecting the upper section of the BHA.

Once the BHA has been assembled and integrity tested, the Dual Isolation Valve can be locked into the "Open" position ready for the riser to be stabbed on, ready for operations to commence.

FEATURES AND BENEFITS

- Dual sealing ball valves provide double mechanical barrier
- Ball Valves operated using allen key
- Bi-directional seal assemblies hold pressure from above & below
- Ball-Check type bleed ports for safe equalisation
- Available in a range of sizes to suit industry standard Coiled Tubing BHA's
- Locking Sleeve with easily identifiable Open & Closed Positions
- Connection options to suit customer requirements
- Simple, robust design ensuring ease of operation for the end user
- Hexagonal flats for safe make-up & break-out
- Corrosion resistant materials

SPECIFICATIONS

Technical Variable		Units	Size		
			1 11/16"	2 1/8"	2 7/8"
Max OD		in	1.687	2.125	2.875
Min ID		in	0.600	0.787	1.060
Connection	Top	Box	1" AMMT	1 1/2" AMMT	2 3/8" PAC DSI
	Bottom	Pin	1" AMMT	1 1/2" AMMT	2 3/8" PAC DSI
Make Up Length		in	17.98	19.18	20.56
Working Pressure		psi	5,000	5,000	5,000
Service			H ₂ S	H ₂ S	H ₂ S
Strength	SWL	lbs	40,315	57,270	120,780
	Yield	lbs	44,795	63,640	134,200
	UTS	lbs	57,594	81,820	172,500
	Torsional	ft.lbs	426	748	2,290
Make Up Torque		ft.lbs	437	830	2,100