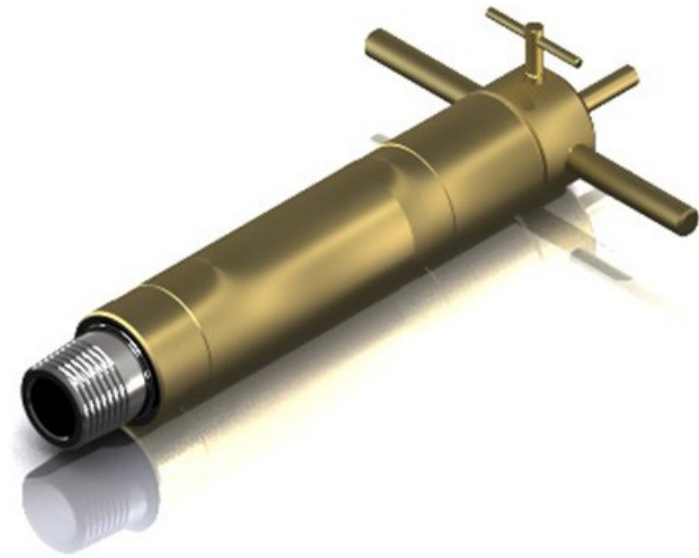# INSIDE BLOW OUT PREVENTION VALVES

Hi-Kalibre Inside Blow Out Prevention (IBOP) valves are a dart type IBOP used to control or prevent back flow or blow out when the Drill Stem Safety Valve (DSSV) is disconnected from the drill pipe. These valves feature a unique one piece body incorporating our patented upper seat and lock ring design. The one piece body provides strength with the minimum possible stack height, while eliminating cumbersome torque body connections. In turn this makes our valves completely field serviceable.

DESIGN FEATURES INCLUDE:

- One piece body incorporating our patented upper seat and split ring

- Field serviceable valve, as valve assembly or disassembly does not require making or breaking a high torque connection

- Durable urethane low pressure seal backed by high pressure metal to metal seal, spring energized to ensure positive sealing in any condition

- Complete range of tools for relieving pressure during decommissioning

- NACE trim

- Available in a wide variety of sizes and end connections

- Reliable, field proven, serviceable design

Series	Top/Bottom Connection	OD (")	Length (")	Pressure (psig)	1 or 2 Piece	Alternate End Connection/Configuration
DART-IBOP-2375	2-3/8" IF NC26 BOX 2-3/8" IF NC26 PIN	3.38	19.50	5,000	2	
IBOP-PAC-SERIES	2-7/8" PAC BOX 2-7/8" PAC PIN	3.13	20.00	5,000	1	
DART-IBOP-H90	3-1/2" XH PIN 2-7/8" SLH90 PIN	4.00	22.00	5,000	2	2-7/8" IF NC31, 2-7/8" AOH
IBOP-35XH-SERIES	3-1/2" XH BOX 3-1/2" XH PIN	4.75	20.00	10,000	1	HT38
IBOP-35IF-SERIES	3-1/2" IF NC38 BOX 3-1/2" IF NC38 PIN	5.00	20.00	10,000	1	TT38, XT38
IBOP-4FH-SERIES	4" FH NC40 BOX 4" FH NC40 PIN	5.25	19.50	10,000	1	3-1/2" H90, XT39
IBOP-45XH-SERIES	4-1/2" XH NC46 BOX 4-1/2" IF NC50 PIN	6.50	20.50	10,000	1	NC50, XT46 (6.25" OD), 4-1/2" FH
IBOP-45IF-SERIES	4-1/2" IF NC50 BOX 4-1/2" IF NC50 PIN	6.50	20.50	10,000	1	NC46, XT46 (6.25" OD), 4-1/2" FH
IBOP-XT57-SERIES	XT57 BOX XT57 PIN	7.25	27.00	15,000	1	HT55

***Contact Hi-Kalibre Equipment for custom inside blow out prevention valve sizes or configurations