

Blue Logic Ø60 Valvestab System



Combining hot stab and ball valve technologies in one quick-connector. Connect and disconnect with no fluid spill or water ingress.

Key Features

ENVIRONMENTALLY FRIENDLY

No spill of fluid to sea. No water ingress in hydraulic lines. Full pressure in lines both connected and disconnected

DESIGN & QUALIFICATION

Stab and receptacle with ball valves operated by ROV handle. Valve operation feasible when stab is fully mated, all valves operated simultaneously.

SUBSEA SIMPLICITY

As the receptacle contains up to 3 isolation valves, ROV panels can be designed without additional valves. As result; less piping, fittings and welding, reduced cost and complexity.

FLEXIBLE AND EASY OPERATED

Simply insert stab and rotate ROV handle on receptacle to operate valves in receptacle and stab in one operation.

WEAK LINK

A weak link feature is available for the receptacle for emergency disconnect. When the stab is inserted and valves opened, the stab is physically locked to the receptacle. By implementing the weak link, the stab can be disconnected even if the valves are in an open position in an emergency situation.

HIGH FLOW LOW PRESSURE DROP

Available in versions ranging from 1 thru 3 ports, up to 5 000 Psi working pressure.

Once connected , the system has full bore through stab and receptacle for maximum flow capacity.

Specifications

Design Standard	API 6A , ISO 10423 , NE-EN 13445
Stab Diameter	Ø60 mm
Depth Rating	3000 m
Operating Temperature	-4 to +60°C
Max Flow	Up to 400 l/min
Pressure Drop, Typical	15 bar @300 l/min
Material, Body*	S165M, for intervention / short time operations.
Material, Seals**	HPU
Fluid Compatibility***	Mineral based control fluids Synthetic control fluids

Specific Product Data	Ø60 SP VStab BA1389	Ø60 DP VStab BA8490	Ø60 TP VStab BA1135
Hydraulic bore	Ø19 mm	Ø13 mm	1 x Ø10, 2 x Ø14 mm
Weight VStab, air/water	5,5 / 4,7 kg	8,3 / 7,1 kg	9,3 / 8,0 kg
Weight Receptacle, air/water	10,1 / 8,8 kg	14,6 / 12,7 kg	8,8 / 6,8 kg
Working pressure****	345 Bar / 5 000 psi	345 Bar / 5 000 psi	250 bar / 3 600 psi
Hydraulic interface	1 x 3/4" NPT	2 x 3/4" BSP	2 x 3/4" BSP, 1 x 1/2" BSP

*Other materials available upon request

**Material to suit special medium available upon request

***For special fluids, contact Blue Logic

****Other pressure ratings available upon request