



**BLUE LOGIC**

### 001 ENVIRONMENTAL FRIENDLY

No spill of fluid.  
No water ingress in hydraulic lines.  
Full pressure in lines in connected and disconnected mode.

## Ø55/Ø57 VALVESTAB SYSTEM

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

### 005 HIGH FLOW – LOW PRESSURE DROP

Available in 6-port version capable of up to 10 000 Psi working pressure.  
Ø6 mm full bore through

### 007 KEY SYSTEM

Colour-coded key system available to ensure that only male stab with correct key can be inserted, thus removing risk for mixing different fluid systems, pressure ratings etc. Universal key that fits all systems available.

The key system also includes a lever arm to ease the final stage of mating sequence in addition to serve as a stab-lock.



### 002 INTEGRATED VALVES

Integrated valves in both stab and receptacle. All valves operated in one go by rotating handle on receptacle when fully mated.

### 003 SUBSEA SIMPLICITY

As the receptacle contains 6 isolation valves, subsea ROV panels can be designed without additional valves. As result; less piping and fittings reducing both complexity and cost.  
Low-cost alternative to Multi Quick Connector (MOC) systems.

### 004 VENTILATED BETWEEN PORTS

Each port of the stab is separated by a ventilated section to avoid pressure from entering another line in case of seal-failure.

### 006 WEAK LINK

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

### 008 EASY OPERATION

ROV or diver operated. Visual confirmation of closed and open position.  
Low mating force due to tapered diameter, Ø55 – Ø57. No seal-induced friction until the stab is half-way inserted.

# Blue Logic Ø55/Ø57 VALVESTAB SYSTEM

## Technical Data

Article No.	BA7469
Design standard	API 6A , ISO 10423 , NE-EN 13445
Stab diameter	Ø55/Ø57 mm
Depth rating	3000m
Operating temperature	-4 to +60°C
Max flow	Up to 45l/min
Pressure drop, typical	30 bar @45 l/min
Material, body <sup>1</sup>	Super Duplex for intervention / short term operations.
Material, seals <sup>2</sup>	HPU
Fluid compatibility <sup>3</sup>	Mineral based control fluids Synthetic control fluids
Hydraulic bore	Ø6 mm
Weight VStab, air/water	9,2 / 7,9kg
Weight Receptacle, air/water	20,6 / 17,9kg
Working pressure <sup>4</sup>	690bar / 10 000psi
Hydraulic interface <sup>5</sup>	6 x 3/8" BSP

1: Other materials available upon request

2: Material to suit special medium available upon request

3: For special fluids, contact Blue Logic

4: Other pressure ratings available upon request

5: 3/8" MP interface available upon request



BA7469 Ø55/Ø57 Vstab



BA8232 Ø55/Ø57 Protection Vstab



BA7466 Ø55/Ø57 Vstab Receptacle



BA8367 Ø55/Ø57 Receptacle with Lock and Key System



BA8230 Ø55/Ø57 Vstab Parking Receptacle



BA9213 Lock Mechanism