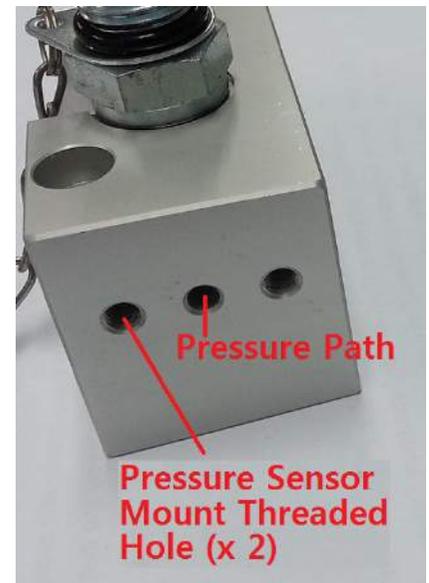
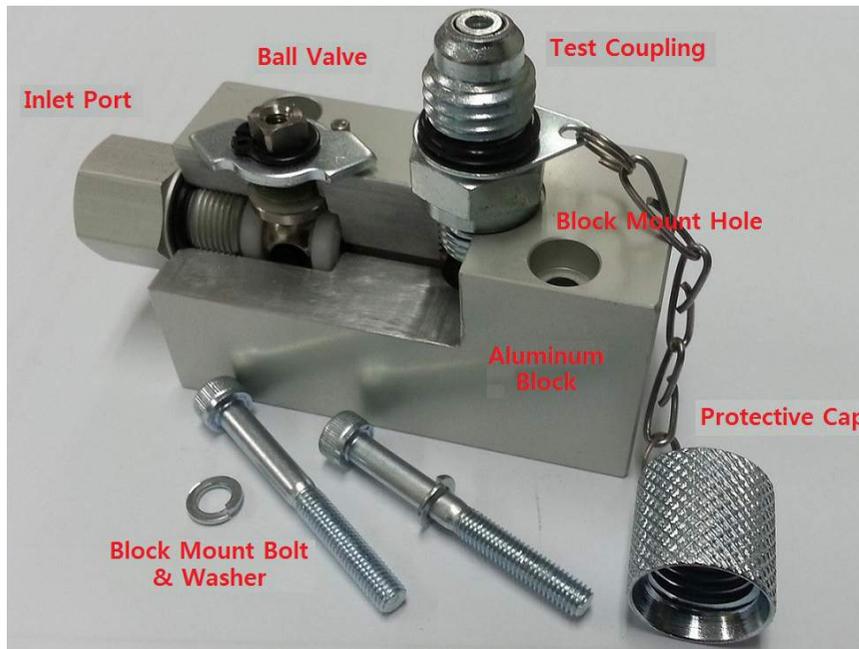


VTA Series Test Valve Block

VTA Series test valve block is designed to service with pressure sensor and pressure gauge on. The valve block is also known as “Diagnostic Valve Block” in the market.



Construction of Test Valve Block



- Aluminum Block with block mount holes
- Block Mount Bolt and Washer: M5 x 45L (ISO4762)
- Inlet Port: 1/4 in. BSPP Female
- Ball Valve on Inlet Port: Stainless ball with POM seats
- Test coupling with a protective cap: White Zinc Plated Steel
- Pressure Gauge can be mounted where Test coupling is mounted as shown in the picture next.
- Outlet is for mounting the pressure sensor.



Picture Shown:

Pressure gauge and Pressure sensor mounted on a test valve block.

VTA Seies Test Valve Block

Technical Information

- Operating Pressure: 0.8 to 100 bar
- Overpressure: 150 bar
- Burst pressure: 250 bar
- Operating temperature: - 20 to 120 OC
- Media temperature: - 20 to 120 OC
- Applicable media: lube, oil, water and air.

Applications

- Marine propulsion & power generation engine
- Hydraulic Machines
- Process technology
- Water treatment
- Automotive industry
- Test benches
- Food industry
- Autoclaves

Photos Shown

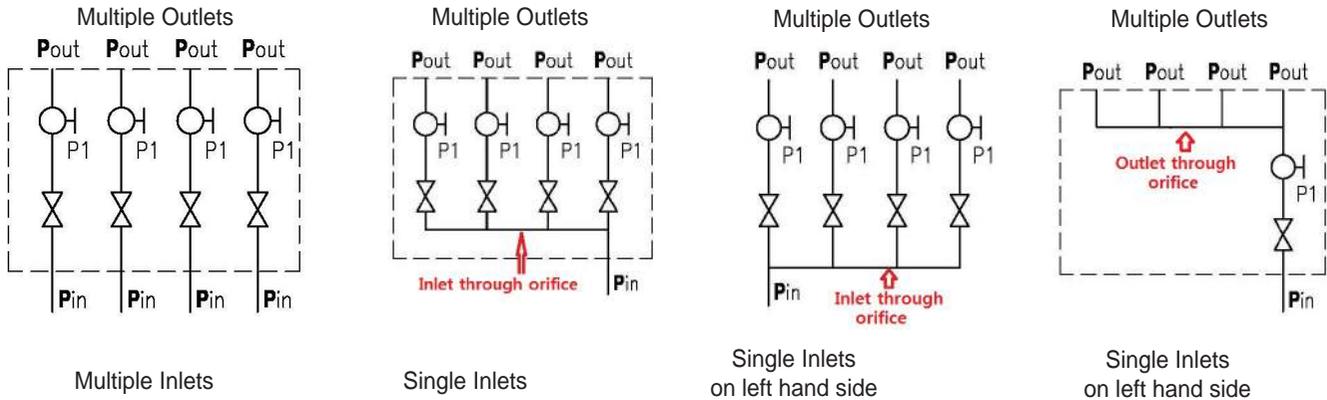
A pressure gauge and pressure sensors are mounted on the test block valves providing service in a power-generation diesel engine.



Ordering Information

Example **VTA 11- C 40- A6**
 (1) (2) (3) (4) (5)

No. (1) **VTA:** The designator of HSME's Test Valve Block
 No. (2) Numbers of inlet & output port in various flow paths



One inlet connects to on outlet port			One inlet connects to multiple outlets			One inlet port connects to multiple outlets			One inlet port connects to multiple outlets		
Number of		Port Designator	Inlet through orifice		Port Designator	Inlet through orifice		Port Designator	Inlet through orifice		Port Designator
Inlet	Outlet		Inlet	Outlet		Inlet	Outlet		Inlet	Outlet	
1	1	11	1	2	12	1	2	L12	1	2	12A
2	2	22	1	3	13	1	3	L13	1	3	13A
3	3	33	1	4	14	1	4	L14	1	4	14A
4	4	44	1	5	15	1	5	L15	1	5	15A
5	5	55									

● Custom port arrangement is available on request.

No. (3): Choice of test coupling of Plug

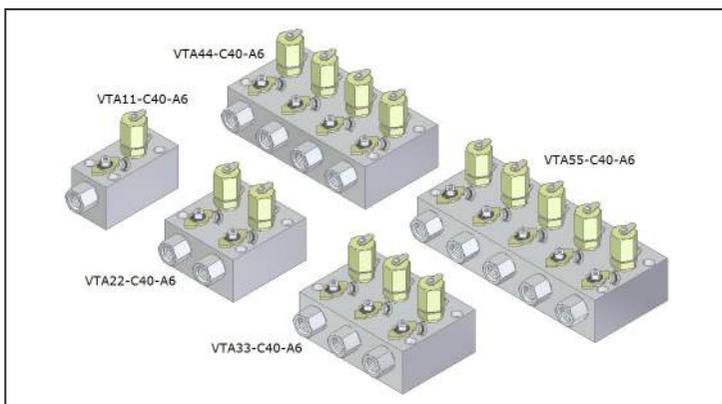
- **C:** Standard Test coupling
- **P:** Optional Plug 1/4 in. BSPP

No. (4): Designator of pitch distance

- **38:** Pitch 38mm
- **40:** Pitch 40mm

No. (5): Body material designator

- **A6:** Aluminum alloy A6061BD
- **CNP:** White zinc plated carbon steel
- **BCP:** Chrome plated brass C3604BD



Ball Valve Actuation Handle

To actuate the ball valve on the block, the optional plate handle may be required. The handle is made of yellow zinc plated carbon steel and the length is 95mm. Handle Ordering Number: **9VLH-S795-C**

