

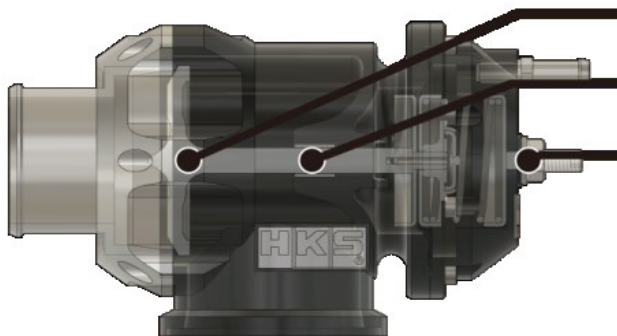


RACING SQV

The Professional's Choice

HKS original 3-chamber structure ensures the stable operation of blow-off valve regardless of the amount of pressure. Large 51mm valve performs great with high power and large displacement engines. Adjustable pre-load allows a wide range of application.

■ Main Features



■ 51mm Large Capacity Valve

• Ideal for large displacement & high power engines.

■ 3-chamber Structure & Reliefless Valve

• Reliefless valve delivers stable operation for all vehicle spec and all boost levels.

■ Adjustable Spring

• Valve's opening timing is adjustable.

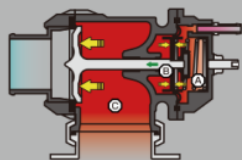
■ 3-chamber System

- * Typical blow off valves require spring load settings for each vehicle specification. If the spring load setting is too low, the boost pressure may be relieved under high boost, and the desired boost setting may not be reached. If the spring load setting is too strong, the valve may not open at low boost.
- * HKS RACING SQV utilizes a reliefless type; therefore, it delivers stable operation at all boost levels.
- * Durability tests of over 1 million operations minimizes the chances of valve stick and achieves high durability.

HKS "RACING SQV" Structure · HKS Original 3-chamber System

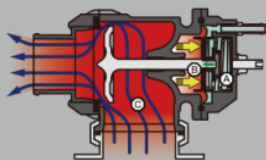
HKS' original 3-chamber structure ensures the stable operation regardless of the amount of boost pressure.

STEP 1 Accelerator ON -Valves Closed



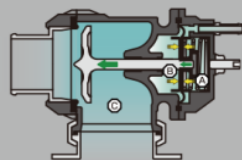
As pressure rises in chamber C, pressure is applied to a single valve. The higher the boost pressure, the more pressure is applied to the valve, preventing leaks.

STEP 2 Accelerator OFF - Valve Opens



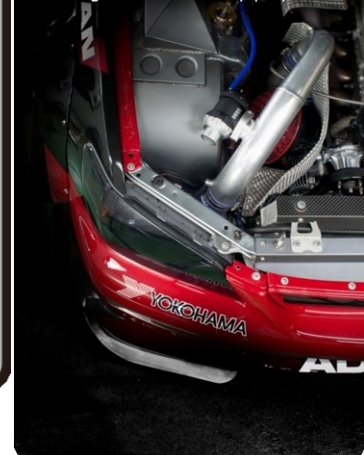
Throttle lift creates a pressure difference between chambers A&B, opening the single valve. This creates the large air volume discharge.

STEP 3 Accelerator OFF - Valve Closes Itself



The differential pressure in chamber A & B is eliminated as time elapses, and a spring reaction force closes the valve.

■ Installation Image (Flange is welded to a pipe.)



● RACING SQV

Product	Code No.	Price	Remarks
RACING SQV UNIVERSAL APPLICATION	71008-AK004		Installation flange is included. The flange must be welded to a pipe. A piping hose is not included. The size of the flange is different from the one for existing SSQV.