

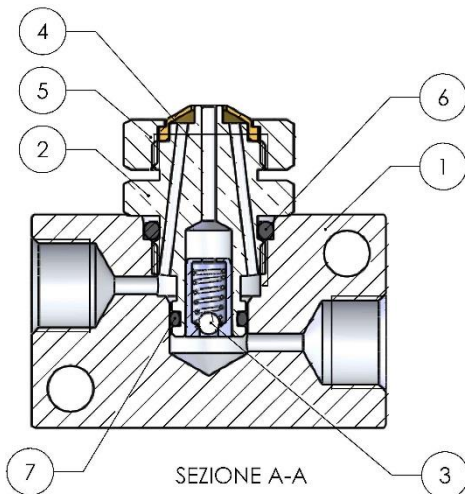
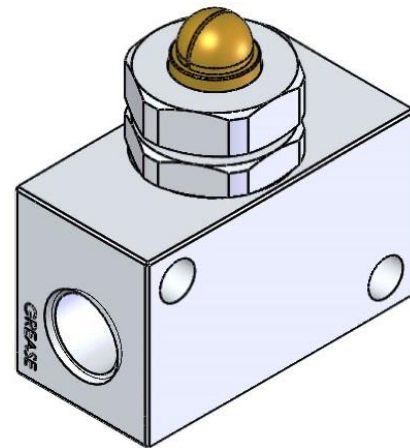
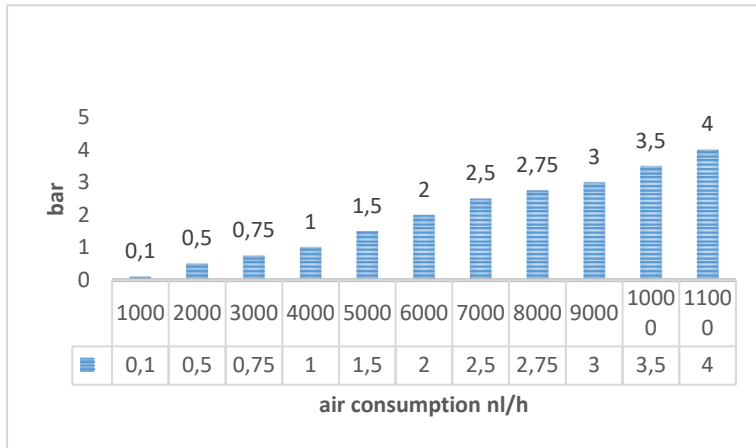


## DESCRIPTION

Valve for internal mixing, suitable for gear pinion applications where it is required the distribution of the grease on parts in contact. The peculiar shape of the mixing nozzle directs the lubricant only on parts in contact, avoiding - in this way - lubricant dispersion and reducing the consumption. Typical applications are, for example, the oil or grease lubrication of slides surfaces, chains and steel cables.

They are available in two configurations, with cone spray and blade spray with two different positions of the inputs of air hoses and lubricant

## AIR CONSUMPTION



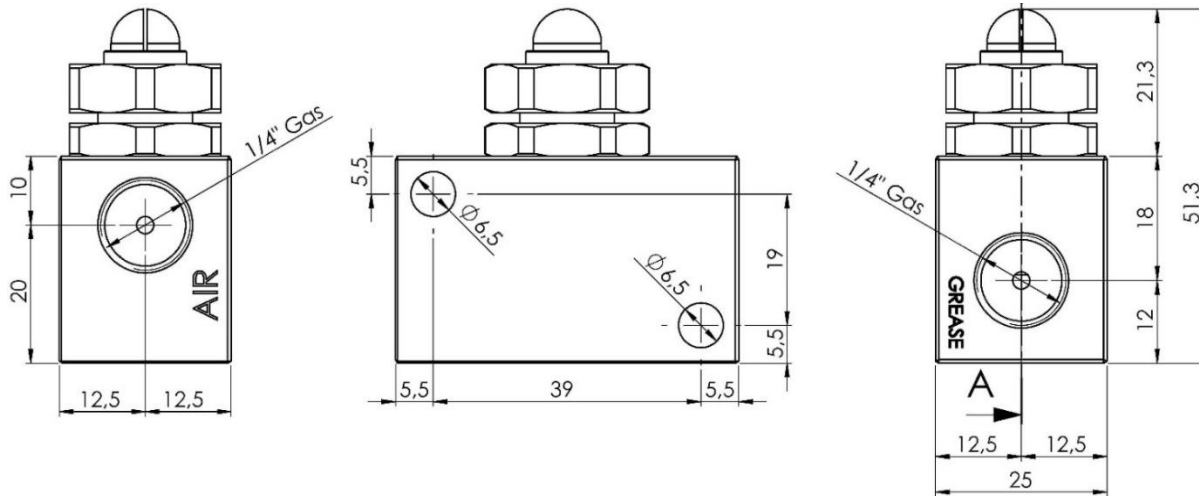
Item	Description	Item	Description
1.	Block	5.	Nut
2.	Nozzle	6.	o. ring
3.	Check valve	7.	o. ring
4.	Nozzle cup	8.	Ball

NOZZLE DISTANCE	FORM AREA SPRAY	DIMENSION	NOZZLE DISTANCE	FORM AREA SPRAY	DIMENSION
NOZZLE POSITIONED TO 100MM		INDICATIVE DIMENSION L.100mm H 40mm	NOZZLE POSITIONED TO 100MM		INDICATIVE DIMENSION Ø 80mm
NOZZLE POSITIONED TO 200MM		INDICATIVE DIMENSION L.180mm H 50mm	NOZZLE POSITIONED TO 200MM		INDICATIVE DIMENSION Ø 160mm

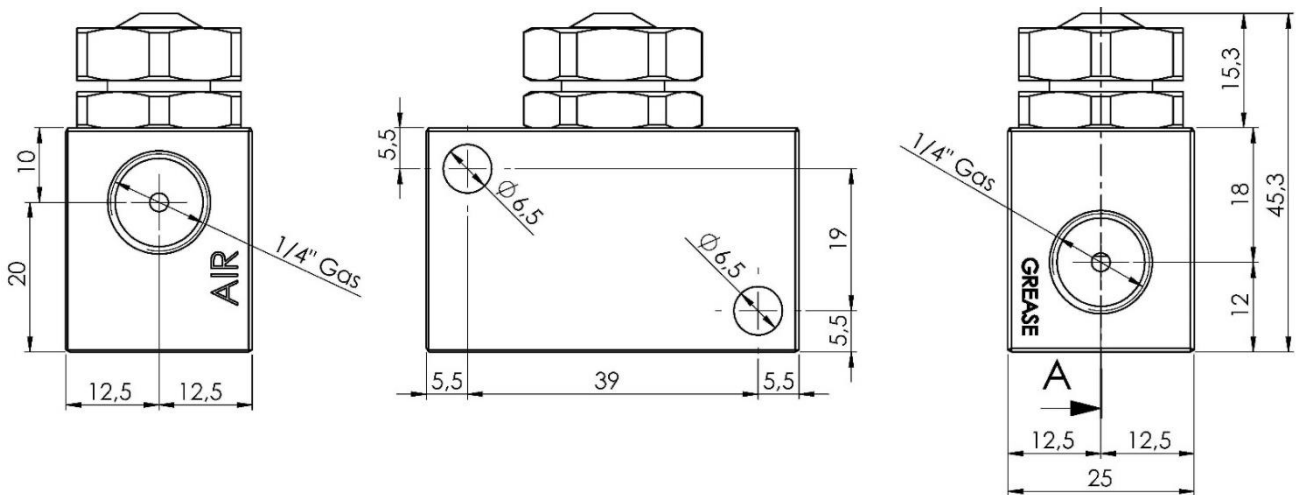
CODE	TYPE	SPRAY FORM	CODE	TYPE	SPRAY FORM
14.200.0	VSG- CONE	Cone	14.200.2	VSG-BLADE	Blade
14.200.1	VSG-LATERAL CONE	Cone	14.200.3	VSG- LATERAL BLADE	Blade



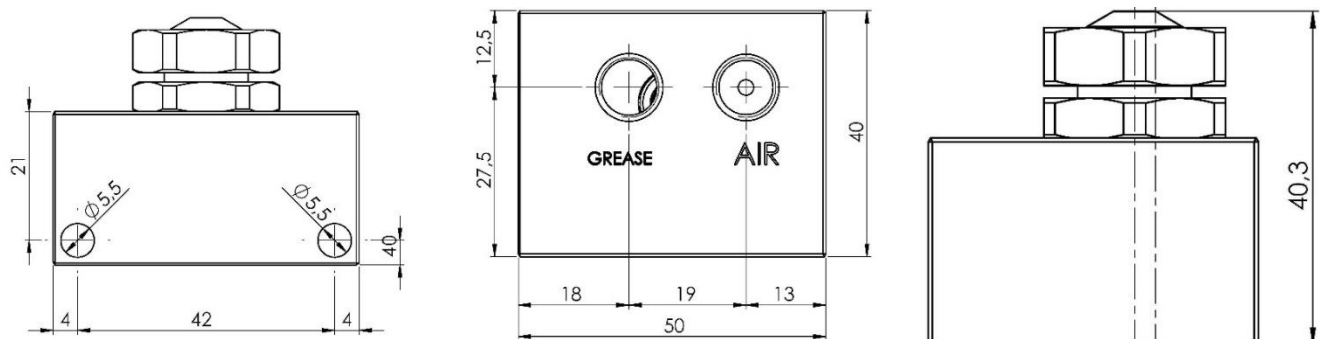
## BLADE FORM



## CONE FORM

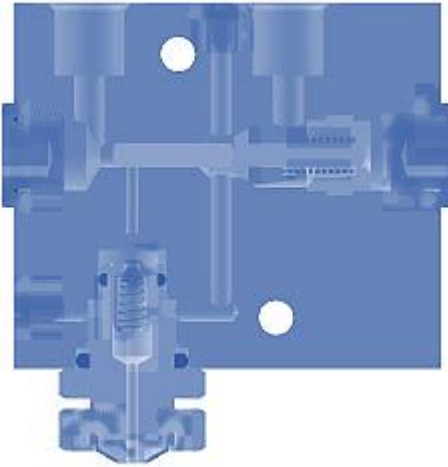


## LATERAL INLET





## AUTOMATIC SPRAY VALVE

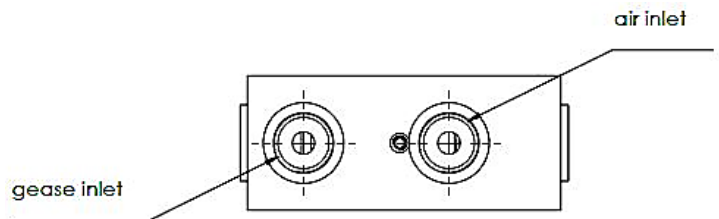


The spray valve is suitable for delivering lubricant by means of an air spray to a lubrication point. Typical applications might include open gears or rack lubrication. The air spray is automatically activated when lubricant is injected into the lubricant inlet port and de-activated when the flow stops. It is important to have a sufficient and rapid lubricant flow in order to open the air flow correctly.

### OPERATION:

When lubricant is fed into the lubricant port, the pilot piston is displaced allowing lubricant to flow into the central port in the spray nozzle. The pilot piston, continues to move opening the air valve, therefore allowing air to flow into the nozzle. When the lubricant no longer is being delivered into the lubrication port, the spring returns the pilot piston and air valve to its original position thereby closing the air flow. The standard spray valve is not suitable for very low flow rates. In such circumstances lubricant will flow out of the nozzle without the air spray being activated. This is due to the fact that the lubricant discharge port is opened before the air port by the pilot piston.

NOZZLE DISTANCE	FORM AREA SPRAY	DIMENSION
<b>NOZZLE POSITIONED TO 100MM</b>		INDICATIVE DIMENSION Ø 80mm
<b>NOZZLE POSITIONED TO 200MM</b>		INDICATIVE DIMENSION Ø 160mm



CODE 14.201.0

### DIMENSION

