

## Inert Gas System IGS 16-25 and IGS 40-65



IGS

This accessory, which is controlled via solenoid valves, permits the controlled admission of special gases into the TRIVAC BCS.

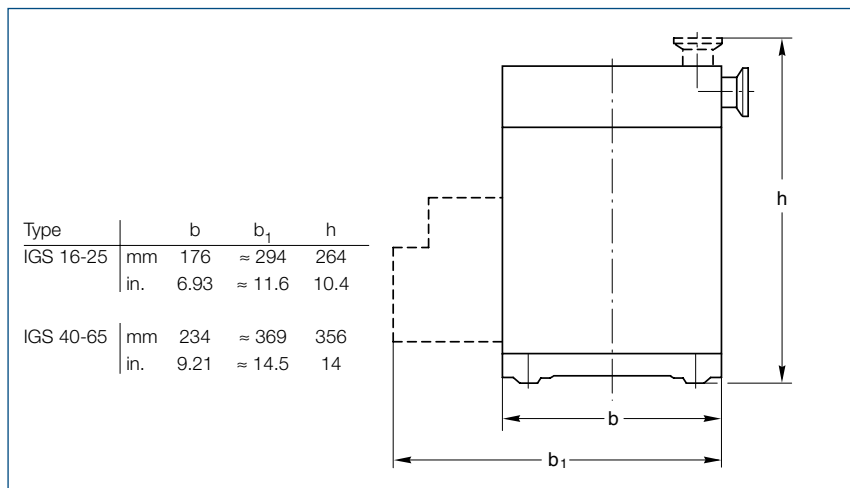
The IGS is part of the TRIVAC SYSTEM.

### Advantages to the User

- Ready for connection to an inert gas supply
- Solenoid valve for reduced gas ballast
- Solenoid valve for purging the oil box
- Float throughput gauge with throttling valve adjustable from 200 to 700 l x h<sup>-1</sup>
- The flowing quantity can be read directly
- System protection by a non-return valve (requires a reservoir pressure of at least 3 bar (29 psi, gauge)) – this reliably prevents the reservoir vessel from being evacuated
- Connects directly on to the TRIVAC BCS

### Typical Applications

- Reduction of the contamination levels in the lubricant
- Reduction in the dwell time of volatile substances within the pump



Dimensional drawing for the IGS (mounted on a TRIVAC BCS)

### Technical Information

The amount of inert gas ballast is restricted by a nozzle to 200 l x h<sup>-1</sup>. Larger quantities are used for purging.

### Supplied Equipment

Solenoid valves with connection cables and plugs for connection to the electric indicator system EIS, the required connecting pieces, mounting screws and cover panel.

Technical Data		IGS 16-25	IGS 40-65
Connection to pump	TRIVAC	D 16/25 BCS (-PFPE)	D 40/65 BCS (-PFPE)
Min. amount of admitted gas at a reservoir pressure of 3.0 bar (29 psig)	l x h <sup>-1</sup>	200	200
Max. amount of admitted gas at a reservoir pressure of 6.0 bar (72.5 psig)	l x h <sup>-1</sup>	1450	1450
Supply voltage for the solenoid valves	V DC	24	24
Power consumption	W	10	10
Weight	kg (lbs)	1.0 (2.2)	1.4 (3.1)
Connection thread	G (BPS)	1/8"	1/8"
Ordering Information		IGS 16-25	IGS 40-65
Inert gas system		Part No. 161 76	Part No. 161 77