

INNOVATION

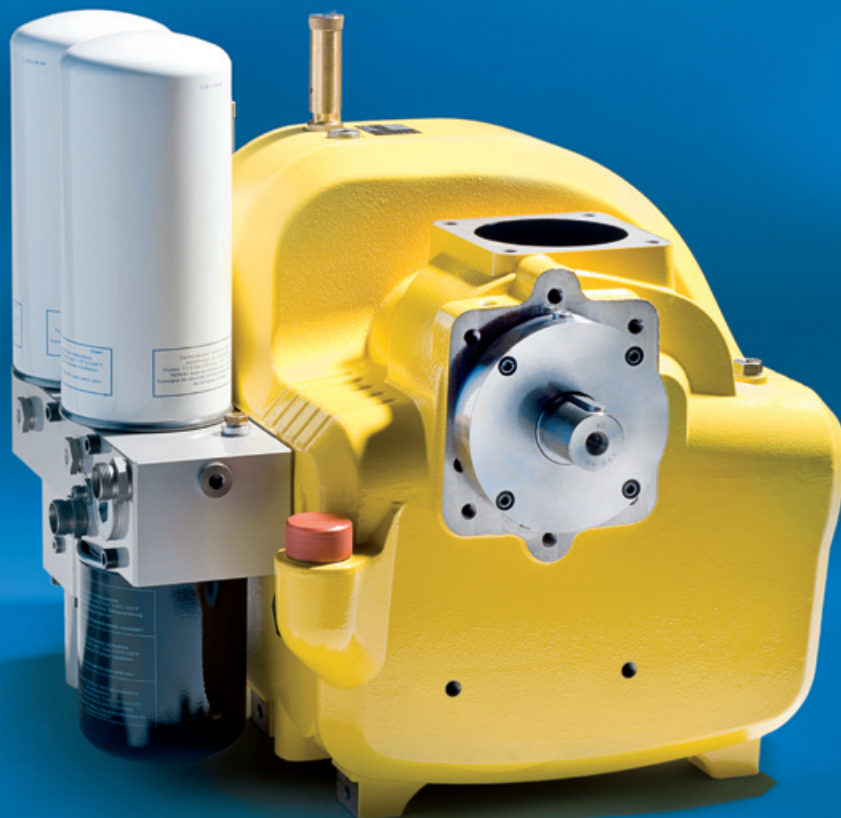
QUALITY

RELIABILTY

WORLDWIDE

EVO[®]-Gas and EVO[®]-NK-Gas

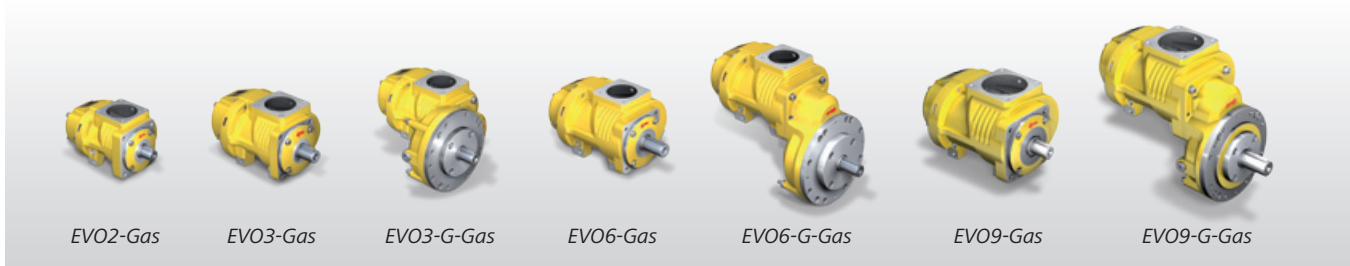
Oil injected screw gas ends and compact units



EVO®-Gas – Screw gas ends

ROTORCOMP® rotary screw gas ends are especially suited for gas compressor applications. The new EVO® wear-free

ROLLING PROFILE® with improved efficiency and the generously dimensioned subassemblies guarantee a high life cycle.



Technical data

Type	Gear ratio		Max. shaft power		vi	Capacity in air at 7 barg / 100 psig		Speed range rpm		Net weight	
	from	to	kW	hp		m³/h	mcf/d	from	to	kg	lbs
EVO2-Gas	–	–	11	15	4.1	102	86	1,500	9,900	15	33
EVO3-Gas	–	–	18.5	25	4.1	195	165	1,500	9,600	21	46
EVO3-G-Gas	1.80	3.24	18.5	25	4.1	195	165	1,500	9,600	34	75
EVO6-Gas	–	–	37	50	4.1	360	305	1,500	7,100	45	99
EVO6-G-Gas	2.38	3.71	37	50	4.1	360	305	1,500	7,100	70	154
EVO9-Gas	–	–	55	75	4.1	528	447	1,500	6,300	68	150
EVO9-G-Gas	1.61	3.71	55	75	4.1	528	447	1,500	6,300	93	205

Further features

All ROTORCOMP® gas ends and modules contain outstanding important features:

- › Temperature- and gas resistant roller bearings.
- › Low friction and pressure proof compound lip shaft seals, suited for extreme temperatures and working conditions.
- › Alternative mechanical shaft seal systems.
- › All connections and washers with Teflon seals.
- › No yellow metal is used in the gas end construction.

ROTORCOMP®-SIZING GAS software

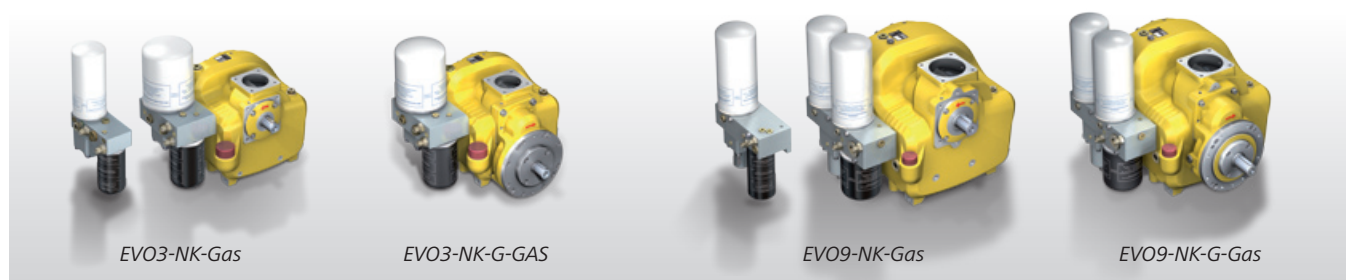
With the SIZING GAS software you compose the required gas mixture, calculate the performance data and choose the best performing ROTORCOMP® unit.



EVO®-NK-Gas – Screw compact units

Our new EVO®-NK gas compact units provide optimum operating reliability, efficiency and a unique modularity well adapted to your applications.

You benefit from small space requirements, low engineering costs, simplified service and maintenance and after all reduced logistics.



Technical data

Type	Gear ratio		Max. shaft power		vi	Capacity in air at 7 barg / 100 psig		Speed range rpm		Net weight	
	from	to	kW	hp		m ³ /h	mcf/d	from	to	kg	lbs
EVO3-NK-Gas	–	–	18.5	25	4.1	168	142	1,500	9,600	54	119
EVO3-NK-G-GAS	1.80	3.24	18.5	25	4.1	168	142	1,500	9,600	67	148
EVO9-NK-Gas	–	–	55	75	4.1	504	427	1,500	6,300	199	439
EVO9-NK-G-Gas	1.61	3.71	55	75	4.1	504	427	1,500	6,300	224	494

Further features

The outset components are included in each EVO®-Gas compact unit:

- › Rotary screw gas end
- › Thermostat regulator for oil
- › Oil pre-separator and receiver tank
- › Minimum pressure valve
- › Oil final separator cartridge / box
- › Oil level sight glass
- › Oil filter cartridge / box
- › Various shaft seal systems

Types from EVO3-NK-Gas on are available with gear box.

Areas of application

ROTORCOMP® gas ends and compact units are well-proven in many applications:

- › Vapour recovery
- › Natural gas gathering
- › Biogas compression
- › Mine gas compression
- › Coal bed methane compression
- › Microturbine boosting
- › Fuel gas boosting
- › In H2 reformer stations for fuel gas cells
- › In CNG dispenser stations as first stage

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