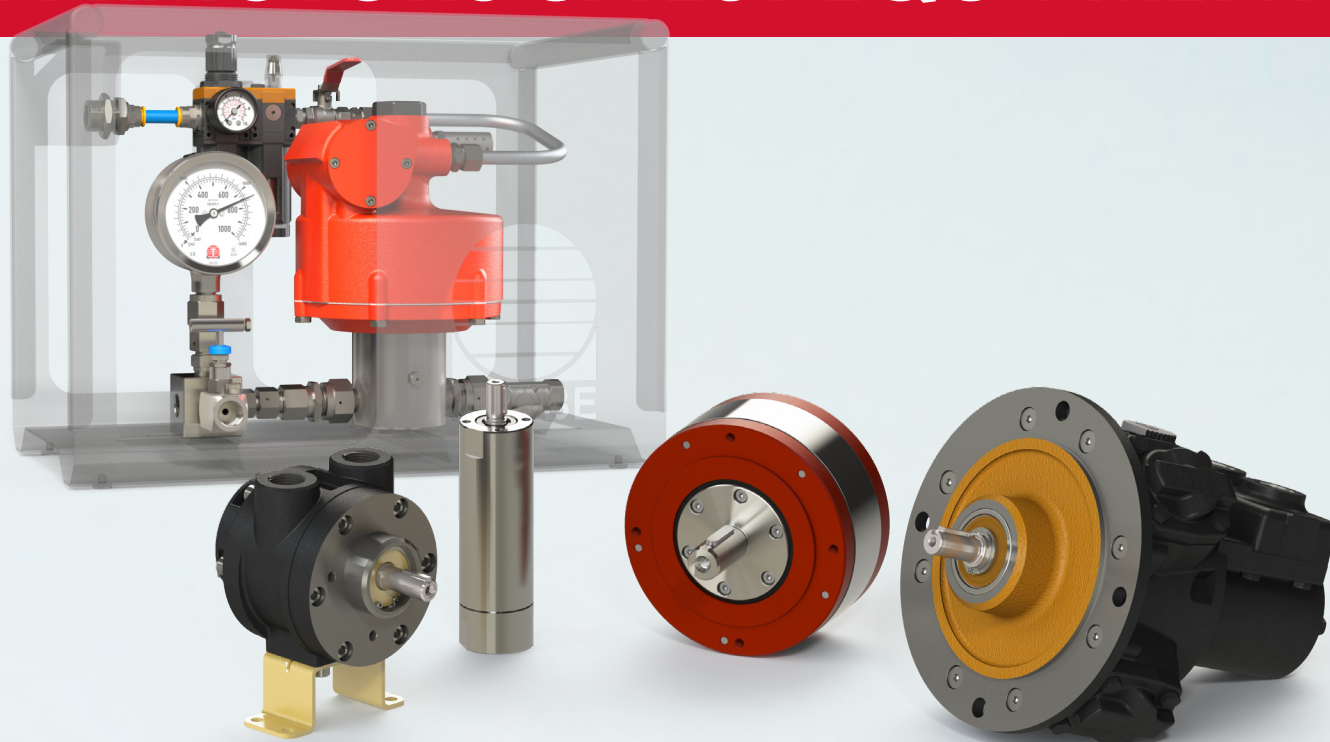




GLOBE

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AIRMOTORS & TEST EQUIPMENT



Manufacturer

GLOBE a manufacturer. A big part of our product range is produced in-house. This way we guarantee quality and speed in delivery.



Worldwide distributor network

We use a worldwide distributor network to sell our products. As specialists we keep close contact with our customers and distributors. A positive business atmosphere, excellent service and quality are very important for us.



Engineering department

Because we have our own engineering department, we can offer customization options. This makes our products suitable for your wishes and requirements.



www.globe-benelux.nl



GLOBE AIRMOTORS B.V.

Advantages of air motors

Applications

- Hoists
- Winches
- Mixing
- Ventilators
- Packaging Machinery
- Aftercoolers
- Hose Reels
- Conveyor Belts
- Pump Drives

Advantages

- Non shock startup
- Instantly reversible
- Compact & lightweight
- Variable speed & torque
- Can be stalled under load
- Resistant in harsh conditions
- Runs on compressed air, natural or sweet gas
- Intrinsically safe & explosion proof
- ATEX Certification possible for applications in hazardous environments.

Our products



Vane Motor



Vane Motor with brake and gearbox

All our vane motors are available with gearbox.

Performances at 7 BAR / 100 PSI

Vane Motor | VA or INOX

Type	max. RPM	Max. power		Min. Start Torque	
		H.P.	kW	... lbs.	Nm
V1	6000	0.70	0.52	6.8 in.	0,8
V2	4000	1.18	0.88	20 in.	2,3
V4	4000	2.80	2.09	3.6 ft.	4,9
V6	3000	5.20	3,88	6.3 ft.	8,5
V8	3000	7.55	5,63	12.6 ft.	17,1
V10	2400	13.70	10,22	27.5 ft.	37,3
V12	1800	18.8	14,02	54 ft.	73,2

Vane Motor | Non Lubricated (NL)

Type	max. RPM	Max. power		Min. Start Torque	
		H.P.	kW	... lbs.	Nm
V1-NL	4500	0.54	0.40	6.1 in.	0,7
V2-NL	3000	0.97	0.72	18 in.	2,0
V4-NL	3000	2.13	1.59	3.2 ft.	4,4
V6-NL	2225	3.66	2.73	5.7 ft.	7,7
V8-NL	2225	5.59	4.17	11.3 ft.	15,4
V10-NL	1600	9.72	7.25	24.8 ft.	33,6
V12-NL	1350	12.71	9.48	47.8 ft.	64,8

Brakes | Vane Motor

Type	For vane motor type	Holding torque; min; max		Release pressure	
		lbs. ft.	Nm	PSI	Bar
BN Brake	V2; V4; V6; V8; V10; V12	13.3 - 442	14 - 600	50	3.4

www.globe-airmotors.com

Performances at 7 BAR / 100 PSI

Compact Vane Motor

Type	RPM	Max. power		Max. Start Torque	
		H.P.	kW	Ft.lbs	Nm
2M	200 - 19.000	0.36	0.27	8.9	12
5M	200 - 14.000	0.9	0.67	31.7	43
9M	440	1.3	1	51.6	70

The GLOBE compact vane air motors are pneumatic motors with one or more in integrated planetary gearboxes. Because of this design many different speeds and torques are possible. The micro pneumatic motors are commonly used in machine building or in places with very limited spaces.

Performances at 8 BAR / 100 PSI

Piston Motor

Type	max. RPM	Max. power		Start Torque	
		H.P.	kW	Ft.lbs	Nm
RM110	2400	2.4	1.7	6.6	9
RM210	2400	5.4	4.0	19.9	27
RM310	2400	10.2	7.5	34.6	47
RM410	2000	19	14	73.7	100
RM510	1500	30	22	173	235
RM610	2000	32	23	177	240

The GLOBE Piston motors

The motors are designed to develop greater power than other air motors of equivalent size. GLOBE piston air motors are being used in the most heavy and extreme conditions that require lots of power.

These motors are available with pneumatic brakes and proportional control valves for very accurate speed control. Combine your piston motor with a gearbox for higher torques and lower speeds.

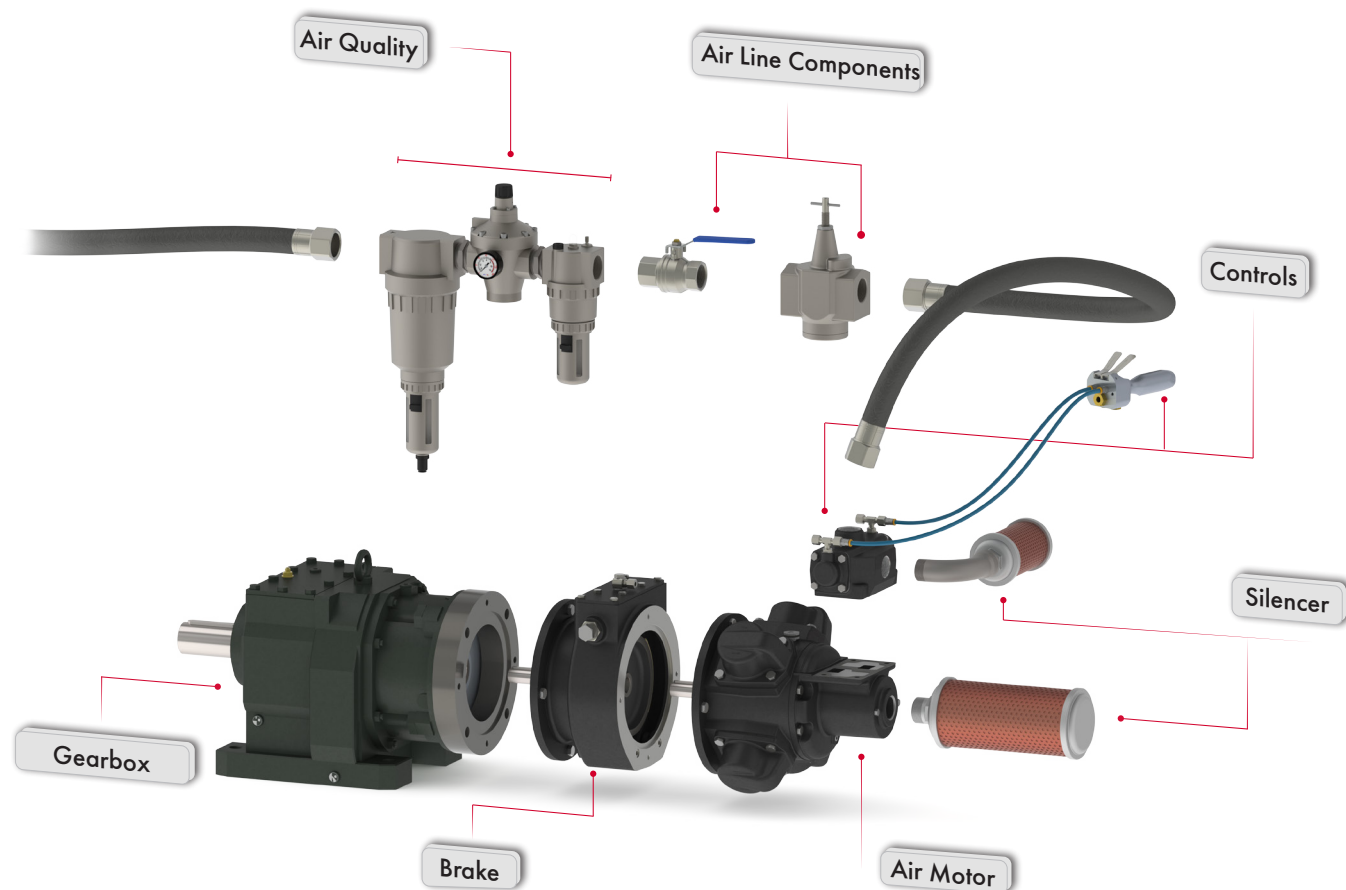
Performances at 8 BAR / 100 PSI

Compact Piston Motor

Type	max. RPM	Max. power		Start Torque	
		H.P.	kW	...lbs	Nm
RM004	60 - 800	0.09	0.07	30 in.	3.4
RM006	50 - 650	0.21	0.16	5 ft.	7
RM012	50 - 450	0.21	0.16	10.7 ft.	14.5
RM024	50 - 450	0.51	0.38	23.6 ft.	32

This small air motor is unique because of their low speed combined with high torque, without the use of a gearbox. These pneumatic motors can be used in applications where air motors are normally not used, like dosing machines, mixers and positioning machines.

Options



Gearboxes



Type	For air motor type	Mounting
Worm	Vane air motor	Foot, Flange & Angle Gear
Coaxial	Vane & piston air motor	Foot & Flange
Planetary	Vane & piston air motor	Foot, Flange & Angle Gear

The GLOBE gearboxes

Our gearboxes are mounted directly onto our air motors, enabling you with more torque at lower speeds and more precision. We can supply all our air motors with a gearbox suitable for every application. Also available in Stainless Steel or with ATEX Certificate.

Silencers



Type	For air motor type	Port size
High flow silencer	All	1/4" till 2"
Stainless Steel (INOX)	All	1/8" till 1"

FRL Units (Air Quality)



Type	For air motor type	Port size
FRL	All	3/8" till 2"
Portable FRL	All	1/4" till 2"

Controls



Type	For air motor type	Port size
RCV	All	1/4" till 2"
HCV	All	1/4" till 2"
Pendant controller	All	2, 4 & 6 signals
Lever controller	All	2 signals

Service Kits



Type	For air motor type
-	All



GLOBE TEST EQUIPMENT B.V.

Specialist in everything high pressure

Applications of our systems

Pressure testing of:

- Hoses
- Valves
- Piping
- Gas cylinders
- Aircraft components
- Isostatic presses
- Injecting liquids

Advantages

- No energy consumption when end pressure is reached
- Pre-set test pressure
- ATEX certification optional (explosion proof)
- Robust
- Mobile
- Reliable
- All systems are plug & play, and ready to use.

Our products



High pressure systems for liquids

Custom builds possible with all our systems

High pressure test systems | Liquid

We supply air and electrically driven test systems for performing hydrostatic tests. Our air driven high pressure systems (APU) have a pressure range up to 65.000 PSI (4480 bar). Our elektronically driven systems (EPU) have a pressure range up to 36.500 PSI (2515 bar). These systems are complete, plug & play, easy to use and are supplied with the desired connections and couplings.



Booster systems for gasses

Custom builds possible with all our systems

Gas booster systems | Gasses

The GLOBE gas boosters are used in applications when the required pressure is greater than the common supply cylinder pressure. You can use our gas booster systems to boost pressure from 25 psi (1.7 bar) up to 25.000 psi (1724 bar), depending on the system selected. Available in single acting & double acting versions with different ratios. You will receive your system with the desired connections and couplings.

Suitable for: compressed air, nitrogen, noble gases, oxygen, hydrogen, CO2 and various gas mixtures

www.globe-testequipment.com

High pressure pumps | Air driven



Type	Outlet pressure		Outlet per cycle		Flow at 0 pressure	
	PSI	Bar	cu.in.	ml	cu.in./min	l/min
UNICUB	380 - 14.250	26 - 982	0,044 - 1,680	0,7 - 27,5	24 - 850	0,4 - 13,9
MK-7	390 - 35.000	27 - 2410	0,104 - 9,720	1,7 - 159,3	35 - 2260	0,6 - 37

High pressure components | Valves, fittings, tubing & tooling



HiP High Pressure Equipment x GLOBE Test Equipment

Thanks to our cooperation with HiP High Pressure Equipment, we have an extensive product line of high pressure valves, fittings and tubing. Suitable for high pressure up to 10.000 bar (150.000 psi). Thanks to years of experience, the product line meets the unique requirements of high pressure applications. Our high pressure specialist can put together the right equipment for you.

Low pressure

≥ 1034 bar
(15.000 PSI)

Medium pressure

≥ 1380 bar
(20.000 PSI)

High pressure

≥ 4137 bar
(60.000 PSI)

Ultra high pressure

≥ 10.345 bar
(150.000 PSI)

High pressure components | Pressure gauges, hoses, transmitters & recorders



As a specialist for everything high pressure, we can also supply you with high pressure components. When you need a replacement, or simply don't need a complete system but a separate product, we got you covered. We have a complete range of pressure transmitters, hoses and (certified) pressure gauges.

- » pressure gauges
- » hoses
- » transmitters
- » recorders

Want to know more?

Contact your local GLOBE distributor:

www.globe-testequipment.com