

AIR GEARMOTORS

For applications where precise and variable turning power and speed is a requirement. Examples are bolt tensioning equipment or rock drilling rigs, precise lifting, lowering, traversing or turning. Unlike electric gearmotors, no chance of burn-out nor heat buildup with TONSON Air Motors. Direction of rotation is instantly reversible.

Precise Turning Power, High Torque Capacity



V1-FG3.5

V1-FG15

V1-FG43

F

Foot

AIR GEARMOTORS
(Planetary Reducer)

BRAKES

For applications where positive braking is a requirement, a range of caliper brakes is offered. These are designed to withstand full stall torque of the air motor. The brake consists of two spring applied shoes pressed against a central hub. The shoes are released by applying air pressure to the cylinder/piston assembly. The brake torque can be varied by adjustment of two spring adjusters but it is normally set so that a pilot pressure of 4 bar (60 PSI) will fully release it.



V6-LB
(Foot, Brake)



V6-FB
(Flange, Brake)



V8-FRCV
(Flange, Brake, Remote Control Valve)

How to Order

V6 - FB G10 RCV

Motor	Mounting		Brake Option		Reducer Option				Valve Option	
V1	F	Face / Hub	Blank	NoBrake	Blank	No Reducer			Blank	No Valve
VA1	L	Foot	B	Brake	G3	1/3	G30	1/30	HCV	Hand Control Valve
V2	B	Butterfly			G5	1/5	G40	1/40	RCV	Remote Control Valve
V4	N	NEMA			G10	1/10	G60	1/60		
V6	I	IEC			G15	1/15	G80	1/80		
V8					G20	1/20	G100	1/100		
V16										