

## 4 VG

GEAR RATIO

**9.5:1 & 15.8:1**

POWER

**0.78 kW (1.05 HP)**

MOTOR WEIGHT

**12.6 kgs**



## GEAR TYPE AIR MOTOR

*Teryair gear type air motors are versatile workhorses that can be used in a diverse range of applications. In many applications, the inherent features of air motors make them more suitable over electric or hydraulic options. They run cool, can be stalled, can handle variable loads and all Teryair gear type air motors you can use them for mixing, lifting and pulling applications in explosive zones. Speed and torque can be variable by simple modulation of input air pressure and air volume. Compact size compared to electrical motors*



### Approvals and Certifications

All Teryair Gear Type Air Motor are CE marked and manufactured under an ISO 9001:2015 Quality system - SGS.



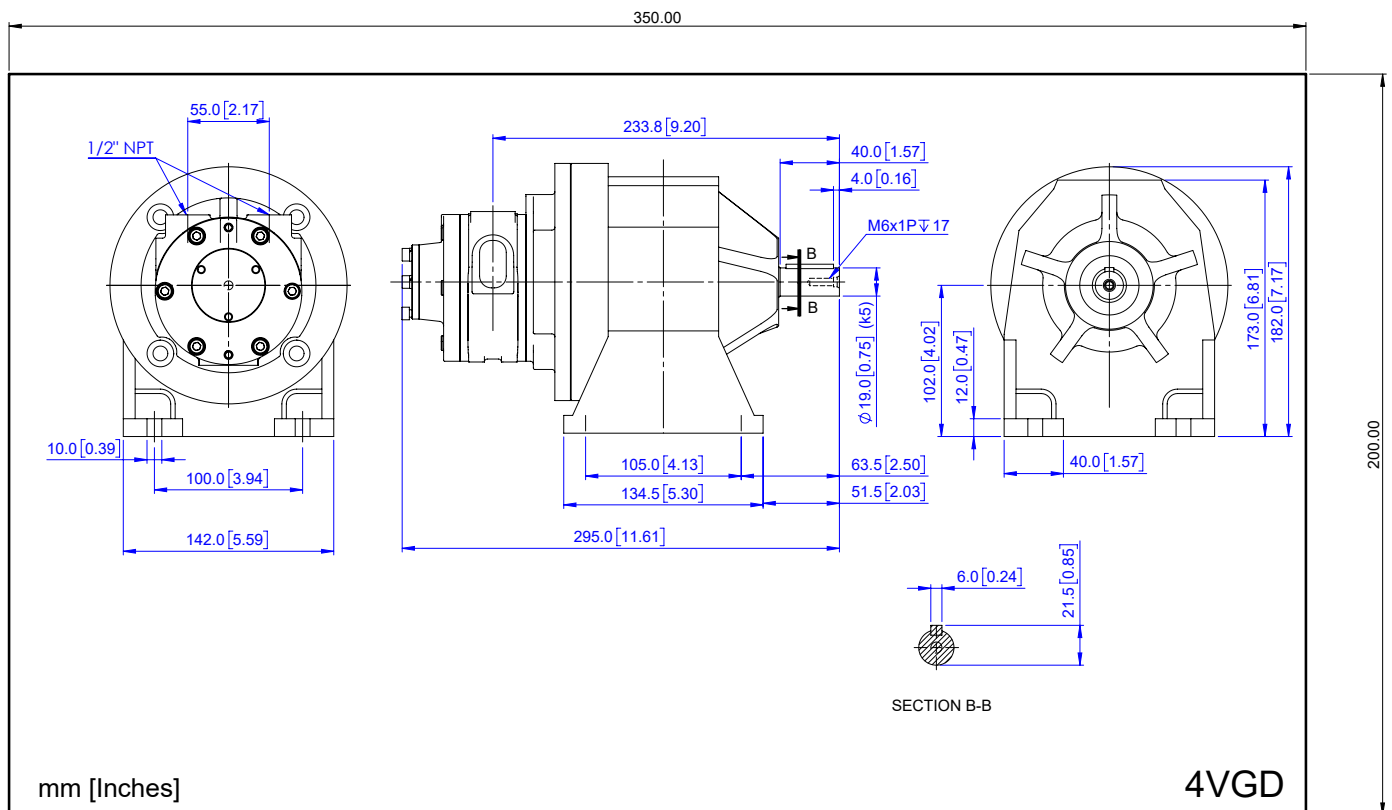
### Added Features

Cool Running  
Variable Speeds  
Load to Stall  
Instantly Reversible  
available as Lube free  
available with SS construction  
available with SS + Lube Free

## Technical Data 4VG

Teryair Part No	4VGDALEX (9.5:1)	4VGDALEX (15.8:1)
Gear Ratio	9.5:1 GEAR RATIO	15.8:1 GEAR RATIO
Power	0.78 kW (1.05 hp)	0.78 kW (1.05 hp)
Torque	41 N.m (363 lb-in)	63.8 N.m (565 lb-in)
Air Consumption	83.8 m <sup>3</sup> /hr (49.3 CFM)	86.65 m <sup>3</sup> /hr (51 CFM)
Motor Weight	12.6 Kg	12.6 Kg
Operating Pressure	7 bar (100 PSI)	7 bar (100 PSI)
Max Allowable speed	300 RPM	200 RPM

## Dimensional Data 4 VG



## Air Motor Nomenclature

X	XX	X	X	X	X
Size	Motor Type	Mounting	Lubricated or Lube-Free	Material of Construction	Threading on Inlet and Outlet
1		L - Face Type			
2	VM - Vane Type	S- Foot Type	A- Lubricated	L - SG Iron	R- NPT
4	PM - Piston Type	T - Hub			
6	VG - Vane Geared	D - IEC Flange Type	O - Lube Free	S - SS316	G - BSPT
8	PG - Piston Geared				
16		N - NEMA Flange Type			