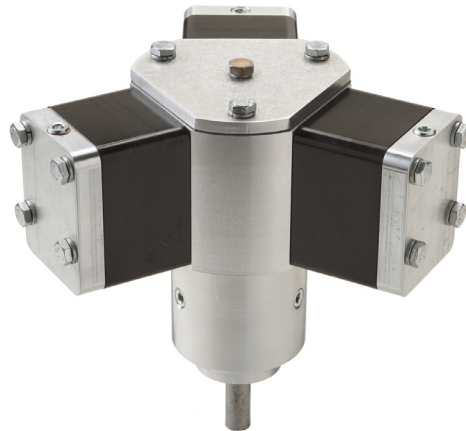
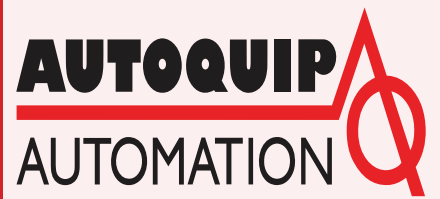


# Pneumatic Air Motor

#3077-AM20-000



***Compressed air costing too much?  
The Autoquip Air Motor reduces air motor consumption up to 15 times  
more than other brands***

Autoquip offers a line of different sized air motors to match your speed and torque application requirements

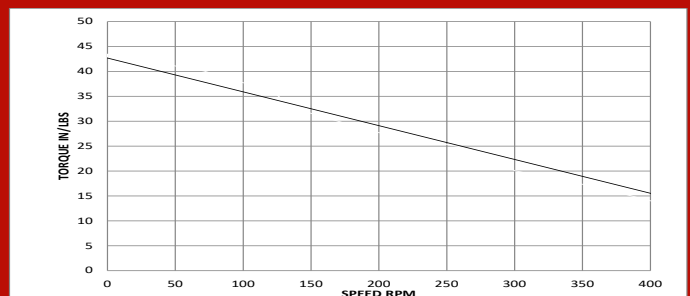
- Autoquip manufactures a standard #3 size air motor and for special applications other sizes are available (see reverse side)
- Highly efficient piston design consumes less air
- Aluminum, bronze, steel and plastic components
- Smoother and quiet operation
- Closed loop speed control with optional regulator
- Lube free design eliminates the need for oilers
- Durable cam design provides long life
- Tank conversion kits available for most agitation applications (see reverse side)

**Air Consumption vs. Speed**

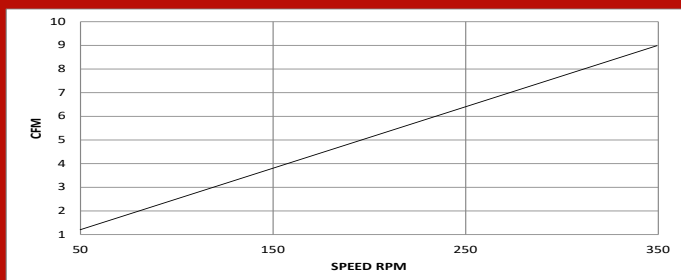


**@ 50 psi size 3 motor**

**Torque vs. Speed**



**@ 50 psi size 3 motor**



**@ 80 psi size 7 motor**



**@ 80 psi size 7 motor**

## Air Motor Technical Specifications

### Environmental / Physical

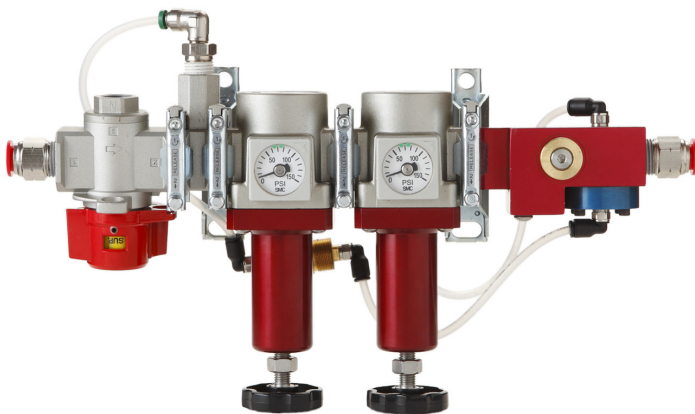
Temperature Range:	14°F to 176°F
Height:	8.25"
Diameter:	8.0"
Weight:	8.4 lbs <sup>o</sup>

### Mechanical

Speed Control:	Variable by Control Pressure Input
Maximum Input Pressure:	90 PSI (6.9 bar)
Torque Output:	31.15 in-lbs @ 50 psi @ 150 RPM 20.23 in-lbs @ 50 psi @ 300 RPM
Output Shaft:	1/2" O.D.
Pneumatic Connection Air Input:	3/8" O.D. Tube

## ACCESSORIES

Autoquip also offers a 3076-AFC3-000 Air Flow Control for closed loop control that provides more consistent RPM's despite the level of fluid in your mix tank.



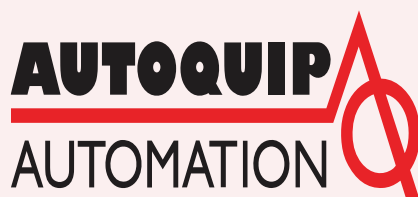
## Ordering Info

3077-AM20-000	Size 3 Air Motor
3077-AM21-000	Repair Kit for Size 3 Motor
3077-01-00	Size 1 Air Motor
3077-01-01A	Repair Kit for Size 1 Motor
3077-07-00	Size 7 Air Motor
3077-07-01A	Repair Kit for Size 7 Motor

## Air Motor Accessories

- 3077-BP02-000 fits Binks 2 Gal Pressure Pot
- 3077-BP05-000 fits Binks 5 Gal Pressure Pot
- 3077-BP10-000 fits Binks 10 Gal Pressure Pot
- 3077-BP15-000 fits Binks 15 Gal Pressure Pot
- 3077-GP05-000 fits Graco 5 Gal Pressure Tank Agitator System
- 3077-GP10-000 fits Graco 10 Gal Pressure Tank Agitator System
- 3077-GP15-000 fits Graco 15 Gal Pressure Tank Agitator System
- 3077-2B55-000 fits 55 Gal Lid w/2" Bung
- 3077-AE55-000 fits 55 Gal Lid
- 3077-BK55-000 fits Binks 55 Gal Open Drum
- 3077-IB55-000 fits 55 Gal in Barrel
- 3404-EA-00 Electric Agitator Assembly w/ Controller
- 3404-EA-01 Electric Agitator Assembly
- 5077-20-00D Bottom Magnetic Agitator Assembly
- 3077-AQ05-000 fits AQ 5 Gal Mix Tank Agitator System
- 3077-AQ10-000 fits AQ 10 Gal Mix Tank Agitator System
- 3077-AQ15-000 fits AQ 15 Gal Mix Tank Agitator System
- 3077-AQ20-000 fits AQ20 Gal Mix Tank Agitator System
- 3077-AQ30-000 fits AQ30 Gal Mix Tank Agitator System
- 3077-AQ60-000 fits AQ60 Gal Mix Tank Agitator System
- 3077-AQ80-000 fits AQ80 Gal Mix Tank Agitator System

\*Add Shaft Length and Blade for Proper Tank Size



[www.aqautomation.com](http://www.aqautomation.com)

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