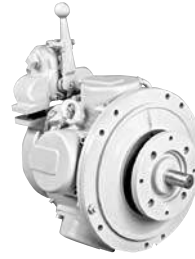


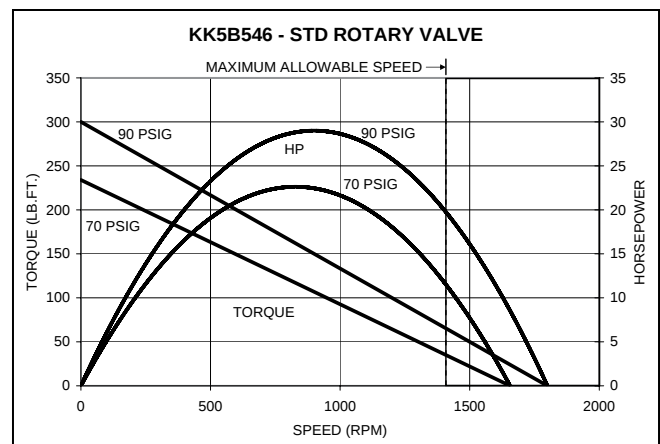
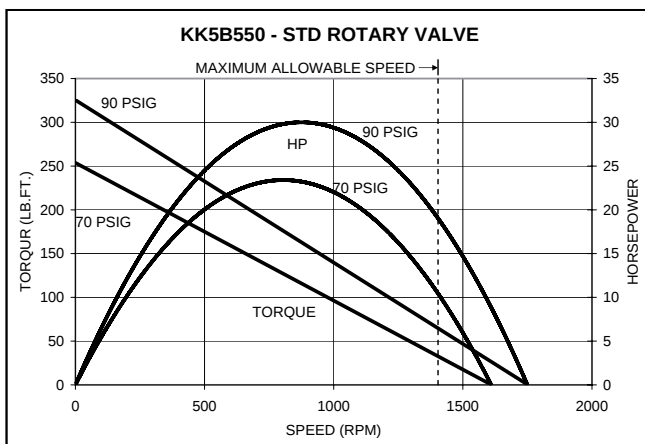
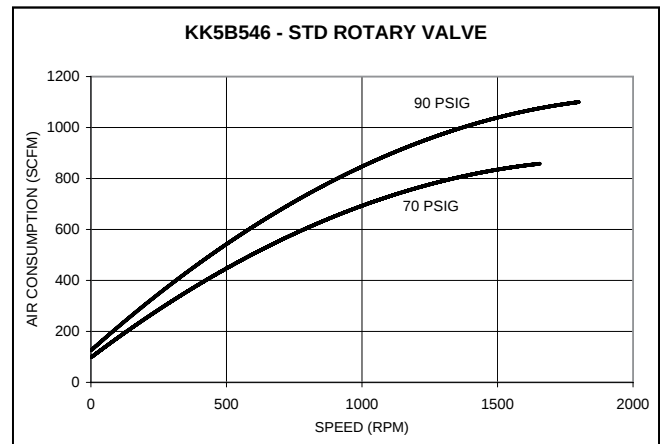
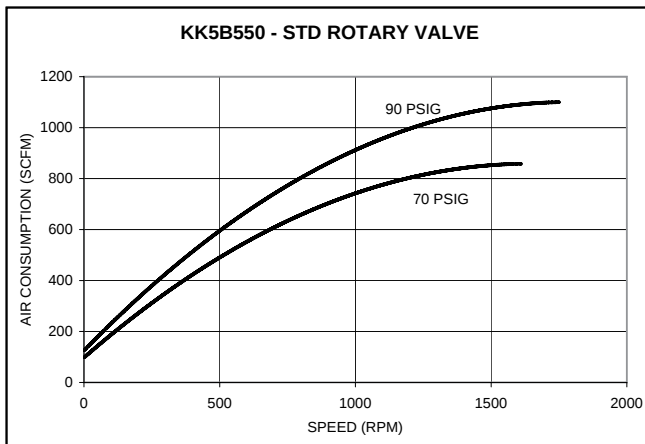
KK5B Piston Air Motors

Specifications



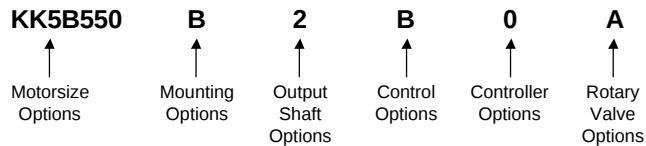
Model	Max. Power		Speed at Max. Power	Free Speed▲	Starting Torque		Stall Torque		Air Consumption at Max. Power		Weight	
	hp	kw	rpm	rpm	lb.-ft.	Nm	lb.-ft.	Nm	scfm	m³/m	lb.	kg
Reversible												
KK5B546	29	21.6	900	1800	183	248	300	407	795	22.5	—	—
KK5B550	30	22.3	880	1750	202	274	325	441	850	24.1	—	—

▲ ALL models must be operated with sufficient load to prevent speed from exceeding maximum allowable speed shown on performance curve. Performance figures are at 90 psig (620 kPa) air pressure.



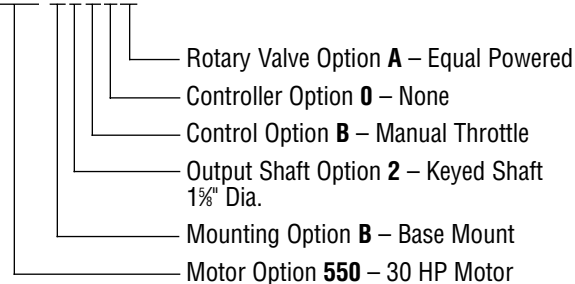
KK5B Piston Air Motors

Model Number Symbolization



Example

KK5B550-B2B0A



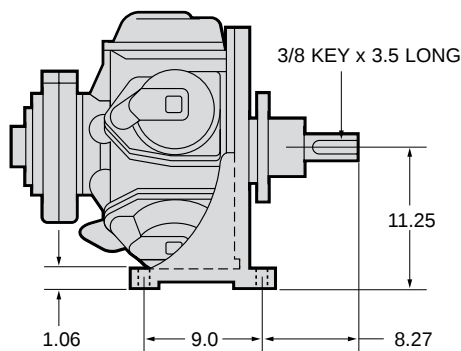
Option	Code	Description	Weight		Part Number
			lb.	kg	
Motor Options	546	29 Horsepower Motor	251	113	KK5B546
	550	30 Horsepower Motor	251	113	KK5B550
Mounting Options	A	Flange Mount, STD with SAE C 2 & 4 Bolt Mount	45	20	Standard
	B	Base Mount, Stationary Mounting			K5B - Foot
Output Shaft Options	0	*SAE C, STD with SAE C 14 Tooth Female Spline Input	13	6	Standard
	1	**NEMA 213TC and 215TC, Keyed Shaft 1 $\frac{1}{8}$ " dia.			K5B - NEMA - 213
	2	***Keyed Shaft 1 $\frac{1}{8}$ " dia.			K5B - Shaft - 1.625
Control Options	A	None	19	9	Standard
	B	Manual Throttle, Control Mounted Directly on Motor			K5B - Manual
	C	Pilot Air Control, Required for Remote Controller Options			K5B - Pilot
Controller Options	0	None	9	4	Standard
	1	Pendant Control, STD 2 Button Pendant			MLK-K269C
	2	Panel Control, Required for Remote Stationery Mounted Control			UWD - A686
Rotary Valve Options	A	Equal Powered			Standard
	B	Biased Powered CCW			POA
	C	Biased Powered CW			POA

*Flange Gasket Required

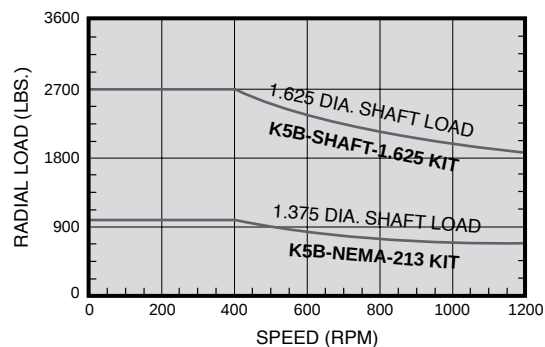
**Single Bearing Mount

***Double Bearing Mount

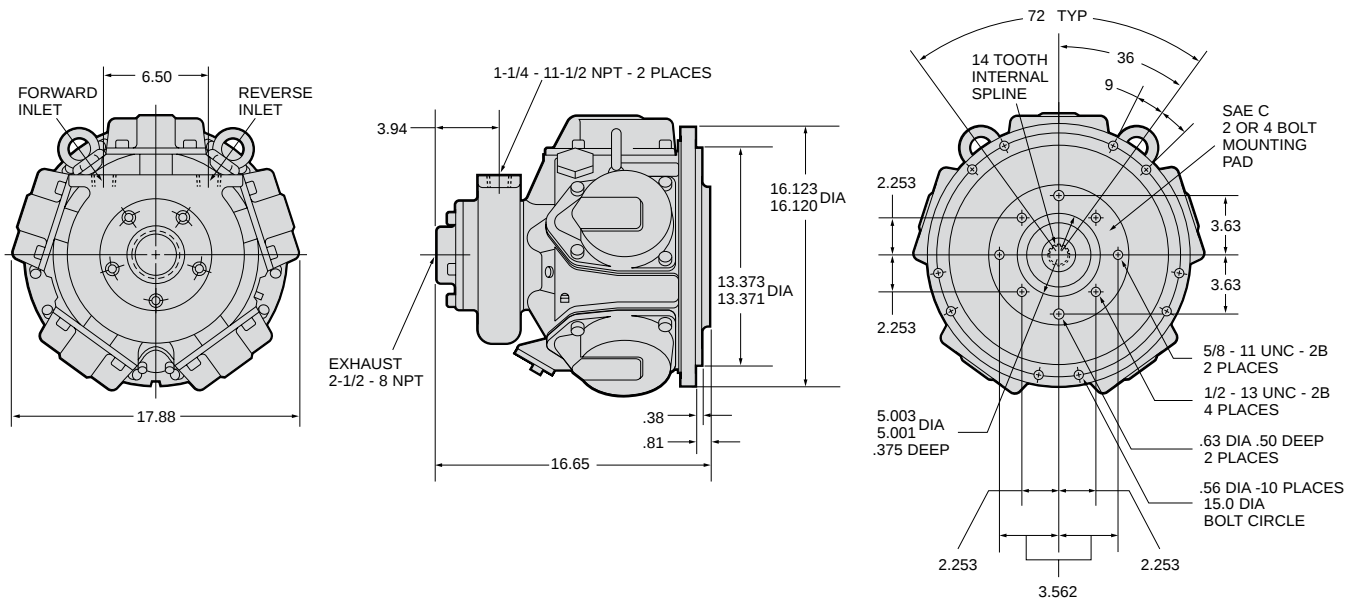
Example KK5B550 - B2A0A Arrangement



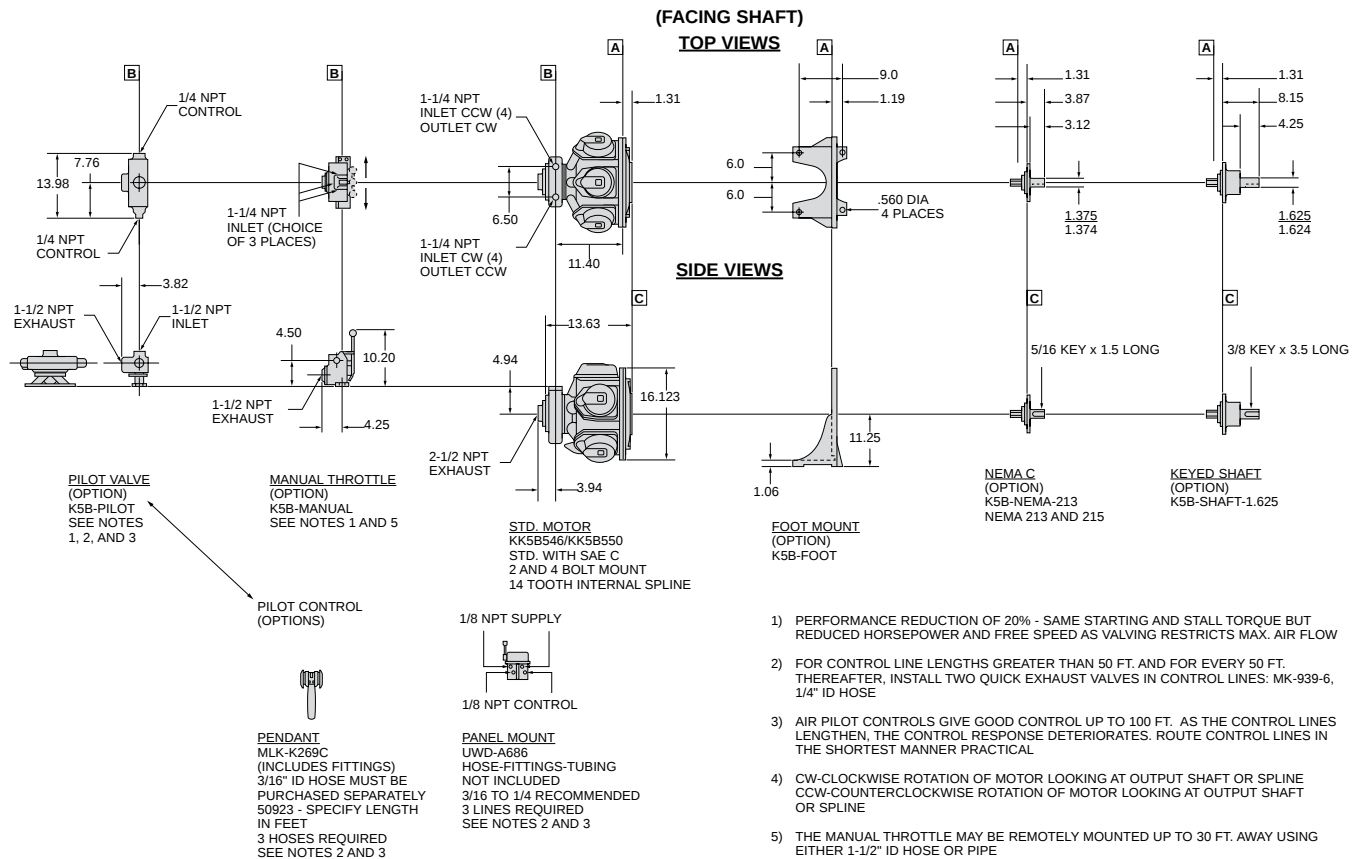
KK5B Motor



KK5B Piston Air Motor



Top and Side Views



- 1) PERFORMANCE REDUCTION OF 20% - SAME STARTING AND STALL TORQUE BUT REDUCED HORSEPOWER AND FREE SPEED AS VALVING RESTRICTS MAX. AIR FLOW
- 2) FOR CONTROL LINE LENGTHS GREATER THAN 50 FT. AND FOR EVERY 50 FT. THEREAFTER, INSTALL TWO QUICK EXHAUST VALVES IN CONTROL LINES: MK-939-6, 1/4" ID HOSE
- 3) AIR PILOT CONTROLS GIVE GOOD CONTROL UP TO 100 FT. AS THE CONTROL LINES LENGTHEN, THE CONTROL RESPONSE DETERIORATES. ROUTE CONTROL LINES IN THE SHORTEST MANNER PRACTICAL
- 4) CW-CLOCKWISE ROTATION OF MOTOR LOOKING AT OUTPUT SHAFT OR SPLINE CCW-COUNTERCLOCKWISE ROTATION OF MOTOR LOOKING AT OUTPUT SHAFT OR SPLINE
- 5) THE MANUAL THROTTLE MAY BE REMOTELY MOUNTED UP TO 30 FT. AWAY USING EITHER 1-1/2" ID HOSE OR PIPE