



ATEX Series Sizing Form

M-D Pneumatics® KINNEY®

All information on this form MUST be provided.
Submissions with partial information will not be quoted.

Call 1-800-825-6937 to submit your form
or fax your form to 417-865-2950

Briefly describe process:										
Contact:					Phone:					
Company:					Fax:					
Street:					Email:					
City:			Zip Code:		Cust Ref:					
State:			Country:		Due Date:					
Site Conditions										
Ambient Temperature		Min		Max		Elevation (above sea level)		Power Frequency (Hz)		
Normal Operating Condition (enter alternate conditions in Notes section)										
Flow Rate (mass or volumetric flow)					Inlet Gas Temperature					
Suction (inlet) Pressure			Discharge (outlet) Pressure			Gauge Pressure		Absolute Pressure		
Provide Gas % below OR Properties to the right (required for internal temperature calculation)						Specific Heat		Molecular Weight		
Mass %					Mole %					
Gas Composition (inside the blower or pump)						Notes:				
	Gas Name		%							
Gas 1										
Gas 2										
Gas 3										
Gas 4										
Gas 5										
Gas 6										
Gas 7										
Gas 8										
Gas 9										
Gas 10										
Material of Construction Preference										
Metal options**					Elastomers/Shaft Seal options**					
Cast Iron		Ductile Iron		Stainless Steel		FKM (e.g. Viton)		FFKM (e.g. Simriz)		Kalrez
Cooling Media Available										
Cooling Liquid (water typical):					Cooling liquid temperature					
ATEX Area Classification Explosion Group					Temperature Class					
External			Internal		External			Internal		
None			None		None					
IIA			IIA		T1 450° C					
IIB			IIB		T2 300° C					
IIC			IIC		T3 200° C					
Zone the Blower or Booster Will Be Used In					T4 135° C					
External			Internal		T5 100° C					
No Zone			No Zone		T6 85° C					
Zone 0			Zone 0		Certificates required (Declaration of Conformity Included): Hydrostatic Test Document High Pressure Leak Test Document					
Zone 1			Zone 1							
Zone 2			Zone 2							
Printed Name			Signature			Date		Project Location		
Register for VBXpert Portal Online Product Selection Tool on our website.										
								www.md-kinney.com		