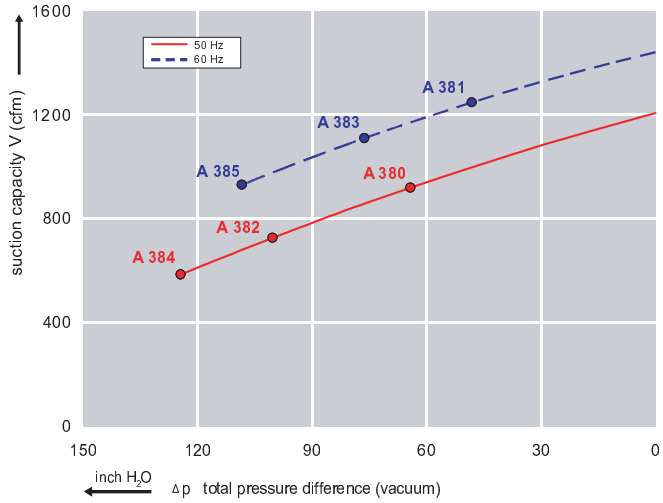
3BA1943

Vacuum/Pressure Regenerative Blower

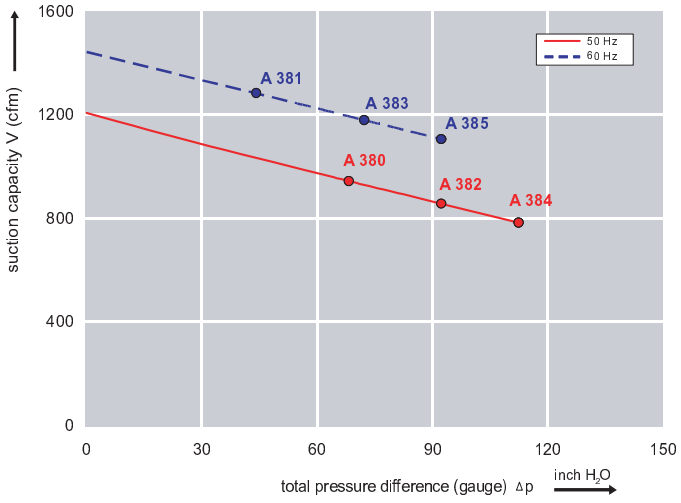
Features:

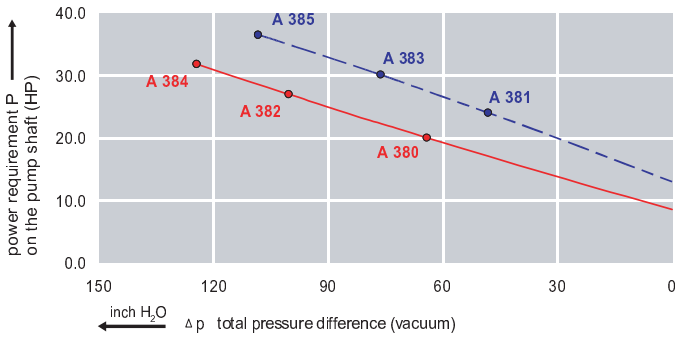
- Cooler running, outboard bearing provides maintenance-free operation
- Environmentally friendly oil-free technology
- Extremely quiet operation
- All motors are standard TEFC with Class F insulation, UL recognized, CE Compliant
  Explosion-Proof motors available
- Custom construction blowers are available
- Rugged die cast aluminum construction

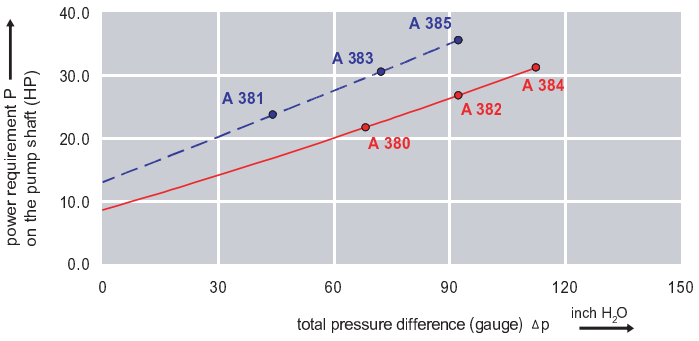
Performance curve for Vacuum pump

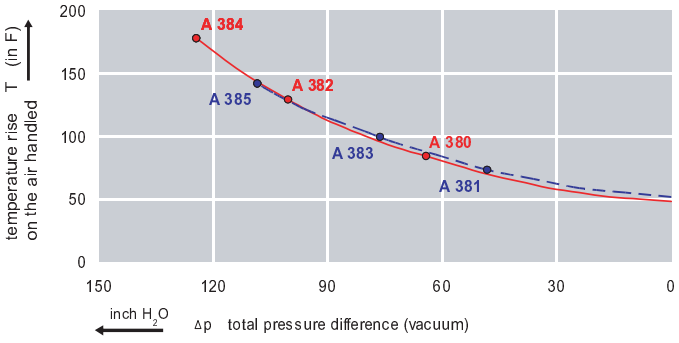


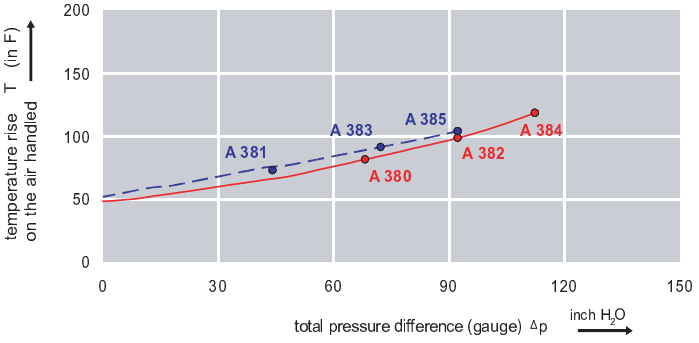
Performance curve for Compressor











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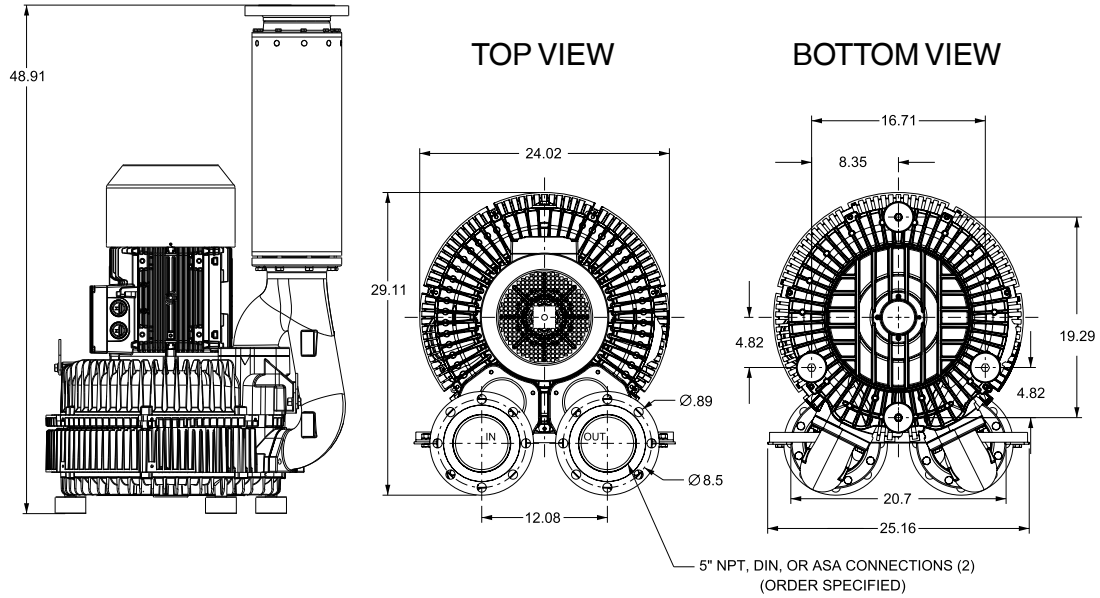
Vacuum/Pressure Regenerative Blower

Dimensions: (inches)



Recommended Accessories:

Relief valve:

VC110Z
(Vacuum)

PC110Z
(Pressure)

Filter:

ATF-500-344P
(Vacuum)

AFS-244-500-10
(Pressure)

Specifications subject to change without notice. Please contact factory for specification updates.

Selection & Ordering Data - Type 3BA1943

Curve No.	Order No.	Frequency Hz	Rated power HP	Input voltage V		Input current A		Permissible total differential pressure Vacuum inch H2O	Permissible total differential pressure Compressor inch H2O	Sound pressure level dB(A)	Weight lbs
3~ 50/60 Hz IP55 insulation material class F											
A 380	3BA1943-7AT26	50	20.1	200D ... 240D	345Y ... 415Y	59.0D	34.0Y	-64	68	75	417
A 381	3BA1943-7AT26	60	23.4	220D ... 250D	415Y ... 460Y	63.0D	36.5Y	-48	44	84	417
A 382	3BA1943-7AT36	50	26.8	200D ... 240D	345Y ... 415Y	69.0D	40.0Y	-100	92	75	463
A 383	3BA1943-7AT36	60	30.8	220D ... 250D	415Y ... 460Y	72.0D	42.0Y	-76	72	84	463
A 384	3BA1943-7AT46	50	33.5	200D ... 240D	345Y ... 415Y	90.0D	52.0Y	-124	112	75	509
A 385	3BA1943-7AT46	60	38.8	220D ... 250D	415Y ... 460Y	90.0D	52.0Y	-108	92	84	509

Suitable for 208 Volt Operation

All curves are rated at 14.7 psia and 68° F ambient conditions and are reported in SCFM referenced to 68° F and 14.696 psia sea level conditions. Curve values are nominal, actual performance may vary by up to 10% of the values indicated. For inlet temperatures above approximately 80 °F or for handling gases other than air, please contact your Airtech sales representative for assistance.