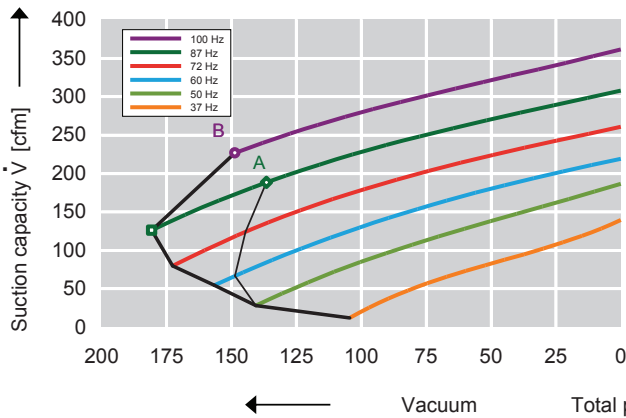


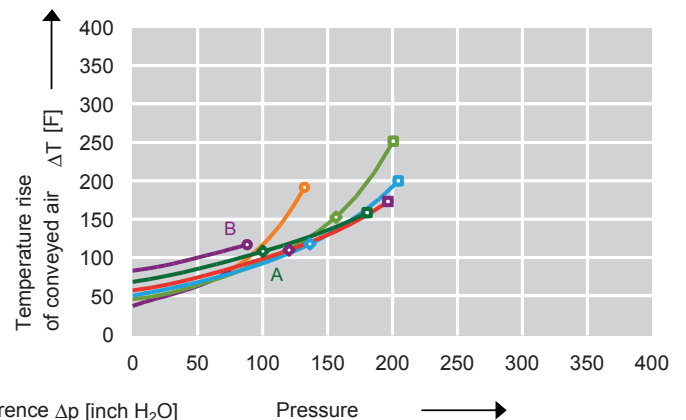
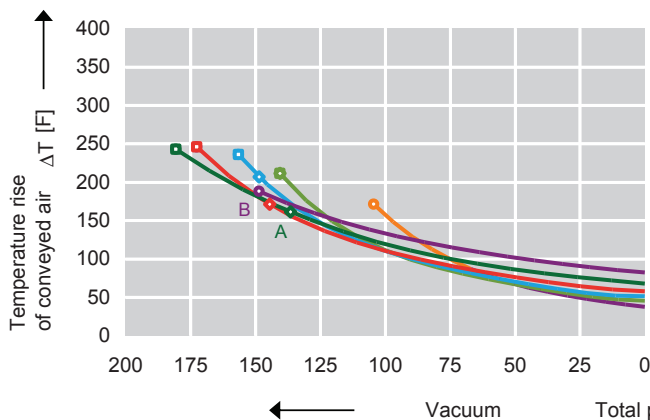
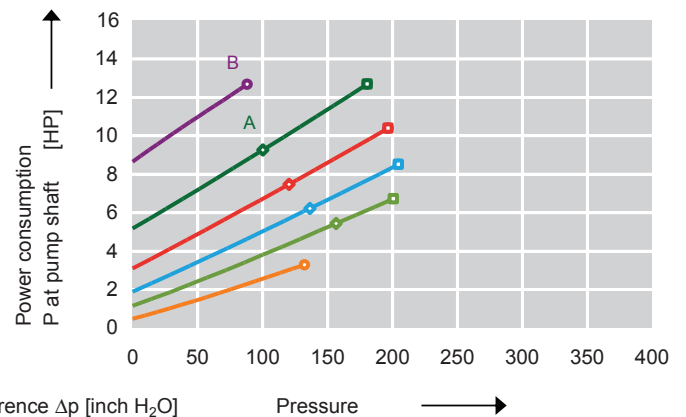
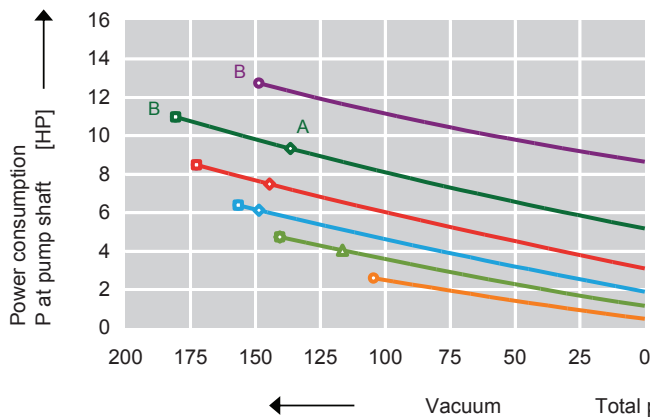
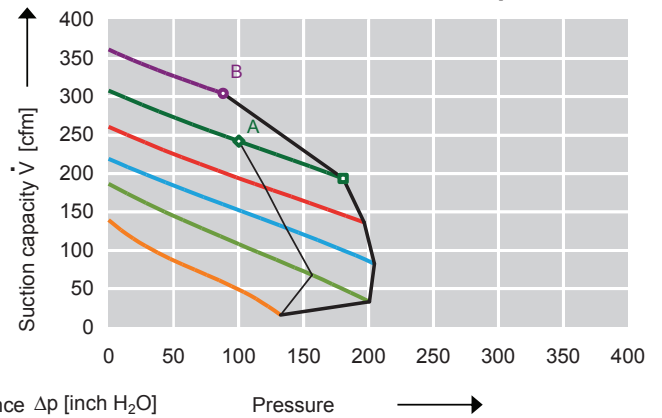
Features:

- 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

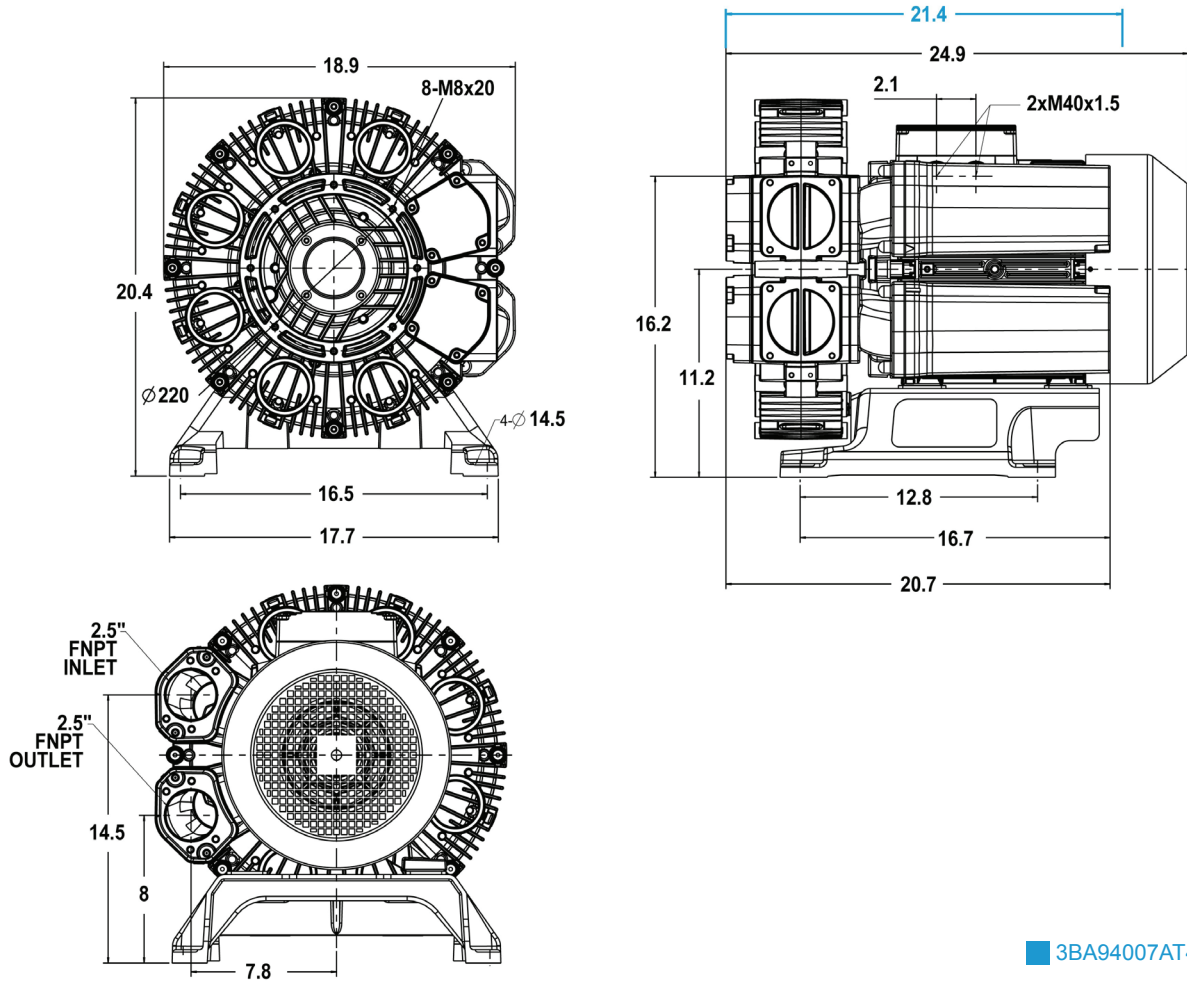
Performance Curve for Vacuum



Performance Curve for Compressor



Dimensions



3BA94007AT46

Selection & Ordering Data - Type 3BA9400

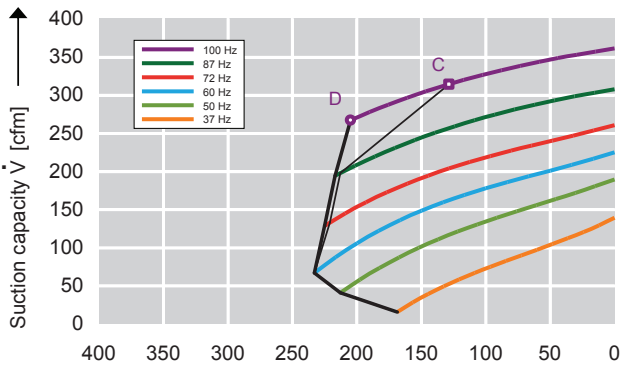
Curve Letter	Order Number	Frequency (Hz)	Rated Power (HP)	Input Voltage (V)	Input Current (A)	Permissible Total Differential Pressure		Sound Level dB(A)	Weight (lbs)	
						Vacuum Inch H2O	Pressure Inch H2O			
1~50/60 IP155 insulation material class F										
A	3BA94007AT46	50	5.40	200D...240D	345Y...415Y	8.4D/4.8Y	-140	156	66	170
A	3BA94007AT46	60	6.10	220D...250D	415Y...460Y	8.2D/4.71Y	-148	136	70	170
A	3BA94007AT46	87	9.25	345D...415D		15.1D	-136	100	82	170
B	3BA94007AT66	50	7.37	200D...240D	345Y...415Y	22.2D/11.01Y	-140	200	70	220
B	3BA94007AT66	60	8.40	220D...250D	415Y...460Y	22.0D/11.01Y	-156	204	70	220
B	3BA94007AT66	100	12.70	345D...415D		20.0D	-148	88	83	220



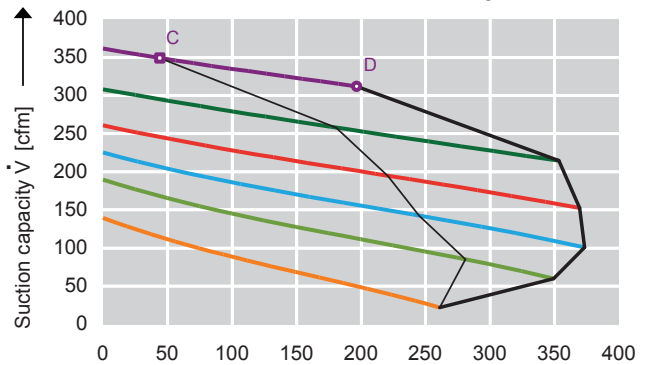
Features:

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- 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
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- Rugged die-cast aluminum construction

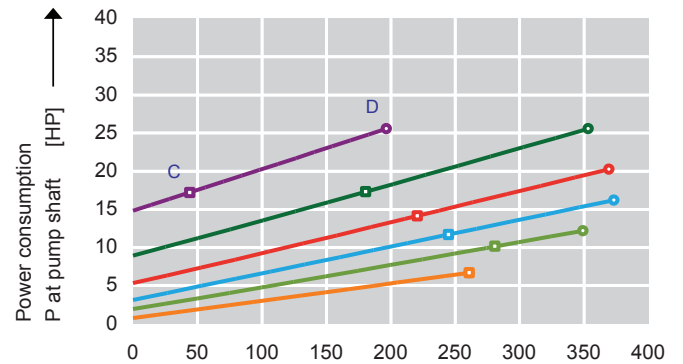
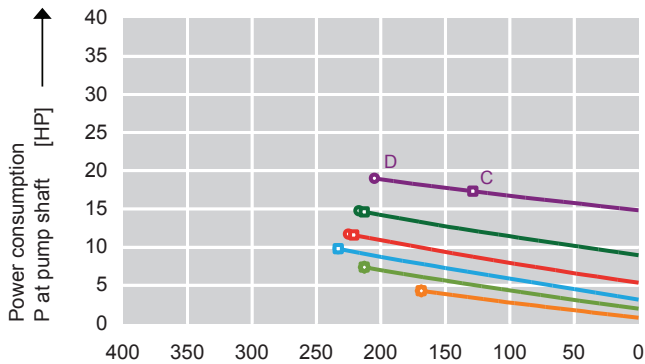
Performance Curve for Vacuum



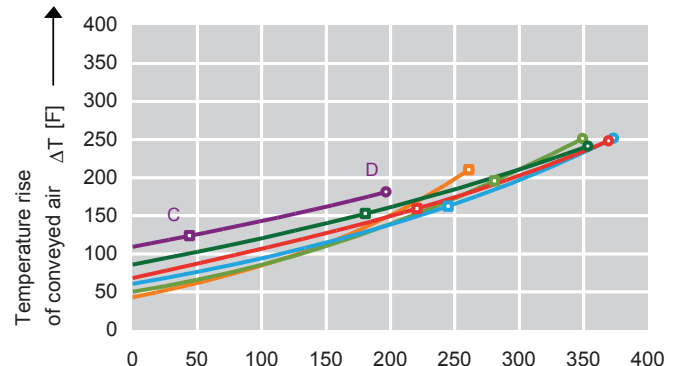
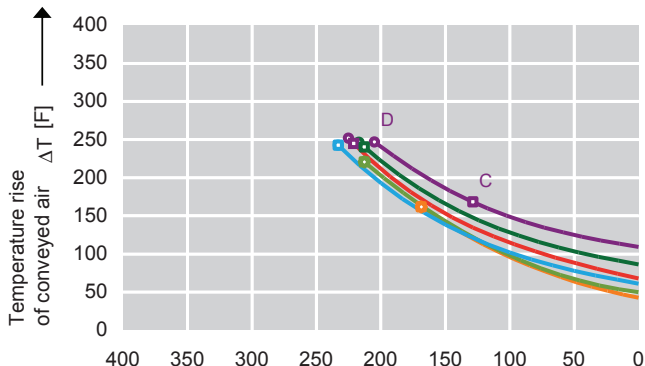
Performance Curve for Compressor



← Vacuum Total pressure difference Δp [inch H₂O] Pressure →

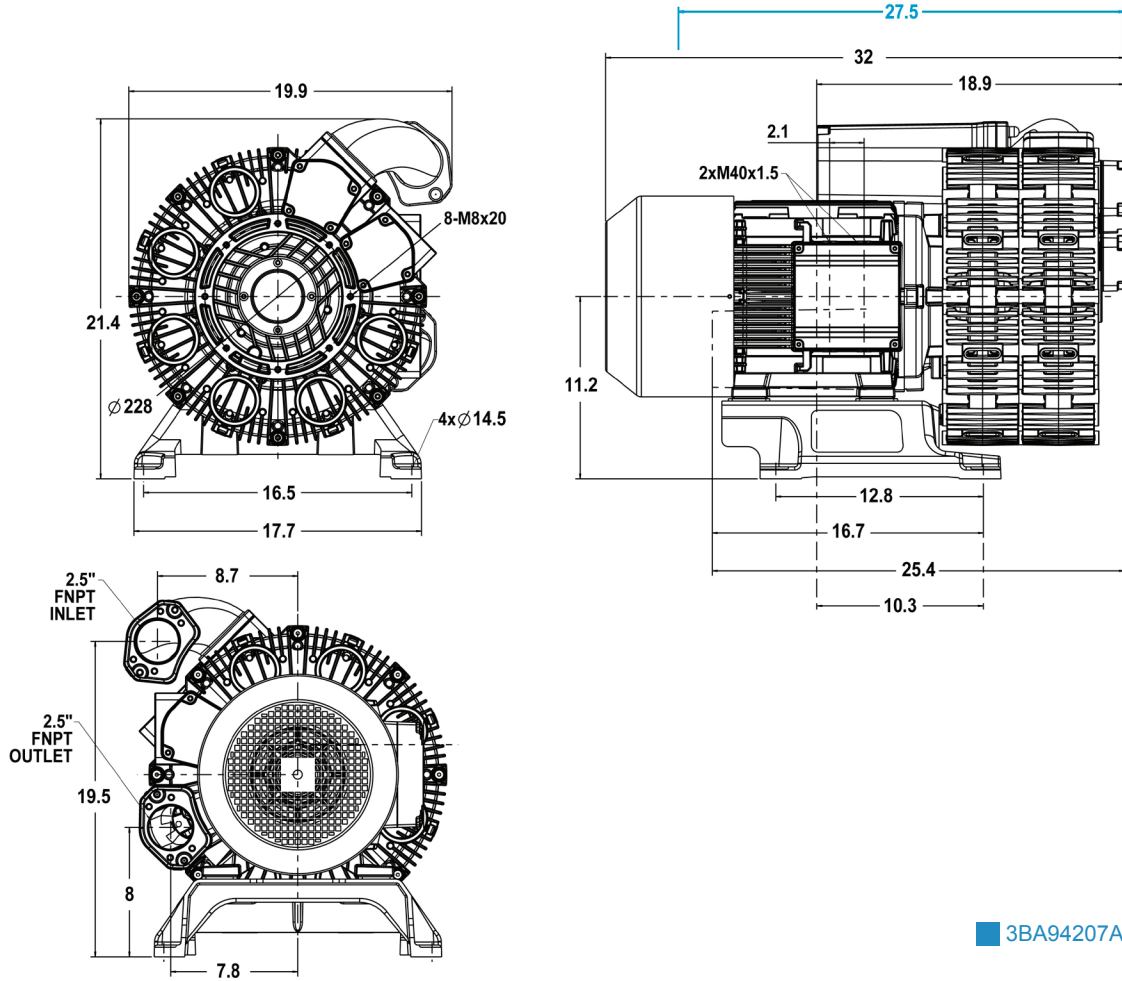


← Vacuum Total pressure difference Δp [inch H₂O] Pressure →



← Vacuum Total pressure difference Δp [inch H₂O] Pressure →

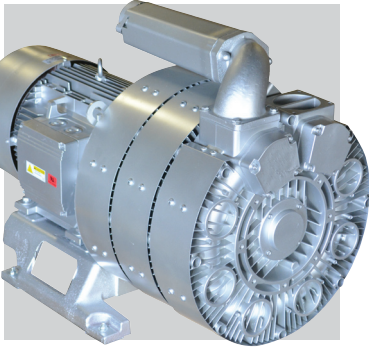
Dimensions



3BA94207AT56

Selection & Ordering Data - Type 3BA9420

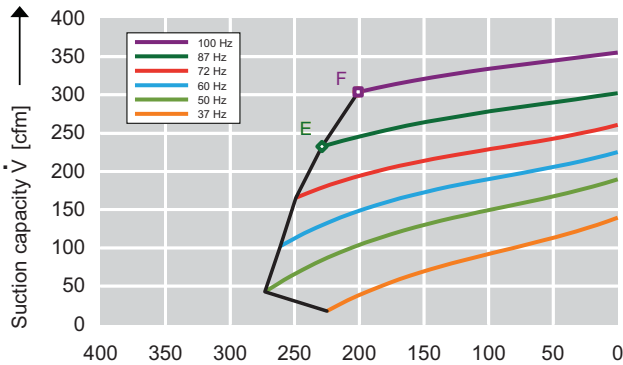
Curve Letter	Order Number	Frequency (Hz)	Rated Power (HP)	Input Voltage (V)	Input Current (A)	Permissible Total Differential Pressure		Sound Level dB(A)	Weight (lbs)	
						Vacuum Inch H2O	Pressure Inch H2O			
1~50/60 IP155 insulation material class F										
C	3BA94207AT56	50	10.05	200D...240D	345Y...415Y	26.0D/15.0Y	-212	281	69	278
C	3BA94207AT56	60	11.50	220D...250D	415Y...460Y	26.2D/15.1Y	-233	245	73	278
C	3BA94207AT56	100	17.30	345D...415D		25.5D	-121	44	75	278
D	3BA94207AT76	50	14.75	200D...240D	345Y...415Y	38.0D/22.0Y	-212	349	69	328
D	3BA94207AT76	60	16.90	220D...250D	415Y...460Y	38.0D/22.0Y	-233	373	73	328
D	3BA94207AT76	100	25.50	345D...415D		39.5D	-204	196	75	328



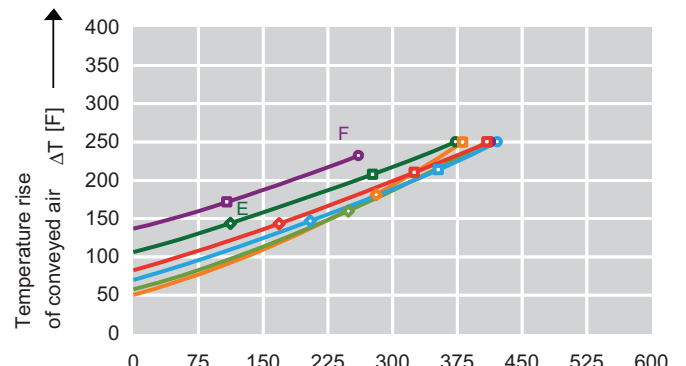
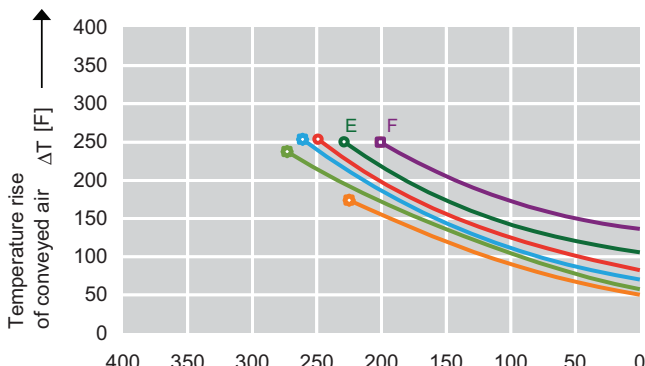
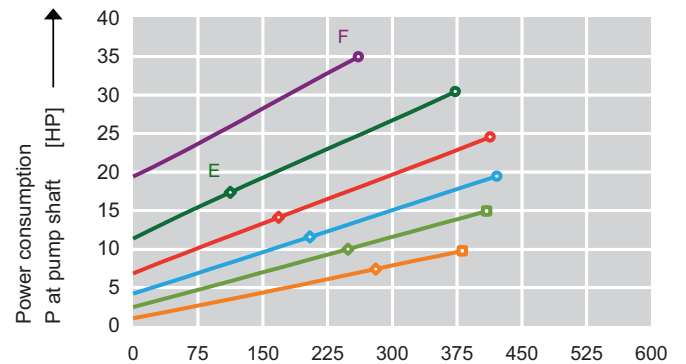
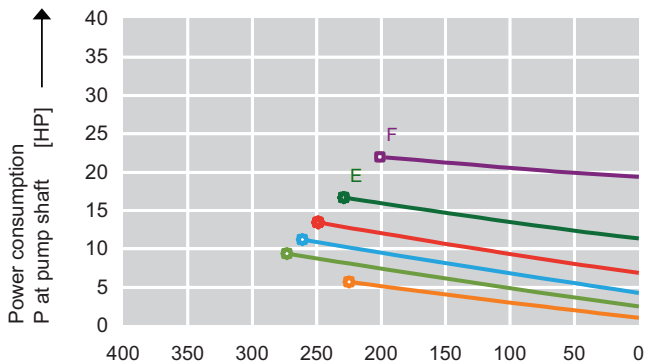
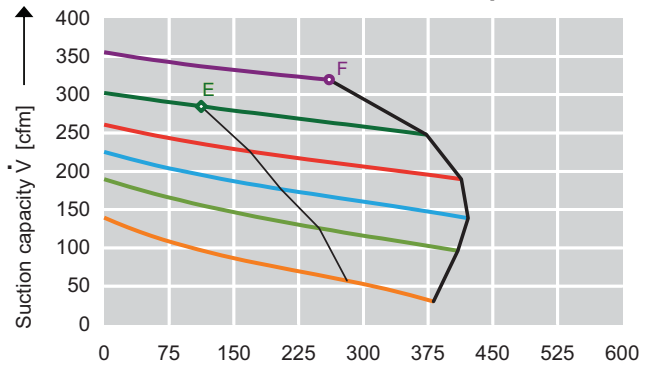
Features:

- 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

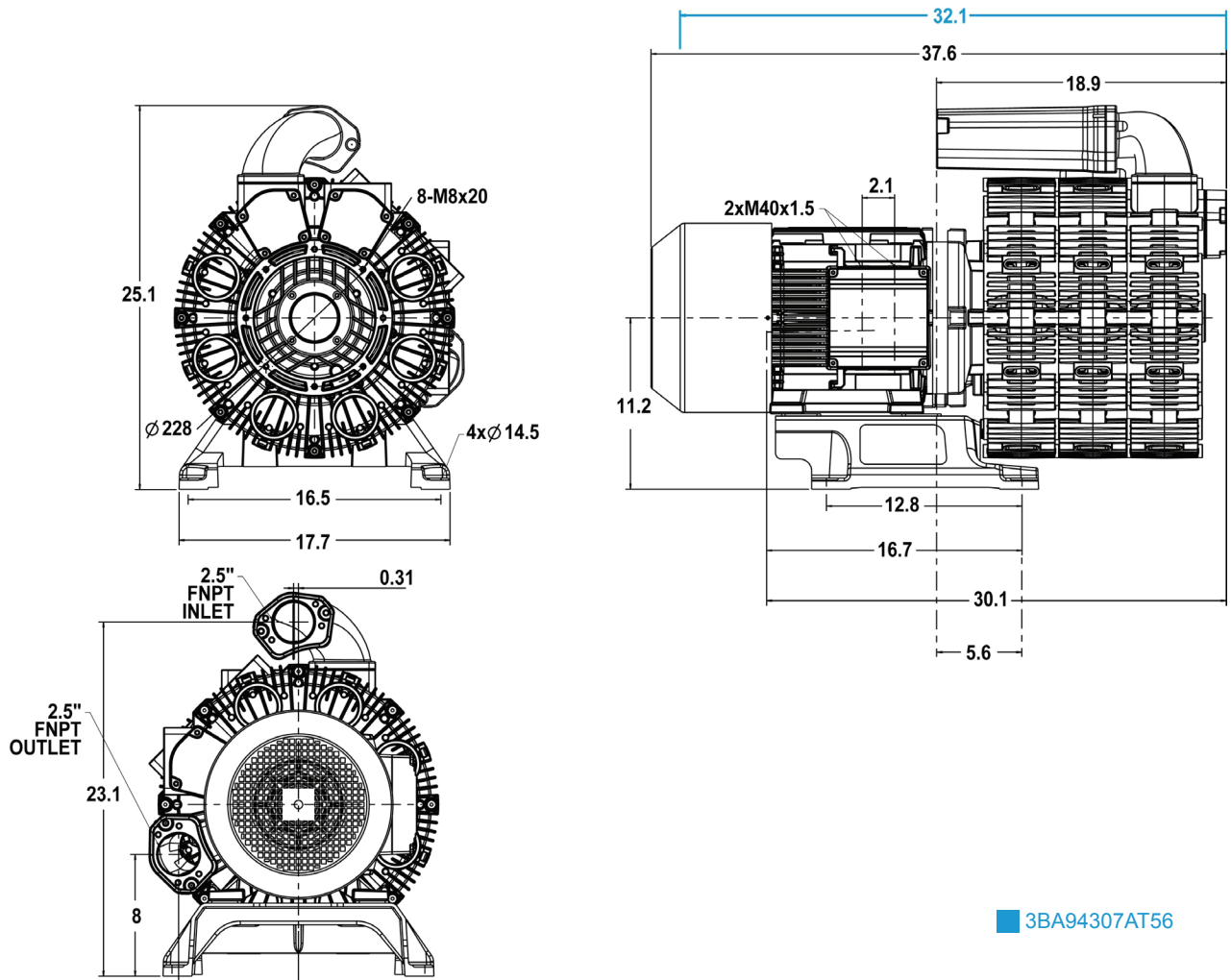
Performance Curve for Vacuum



Performance Curve for Compressor

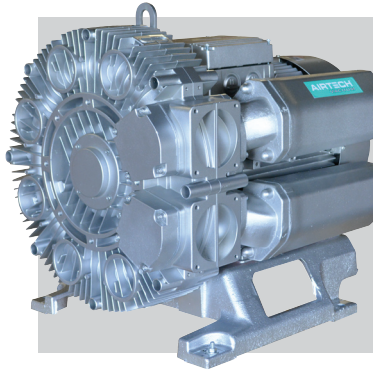


Dimensions



Selection & Ordering Data - Type 3BA9430

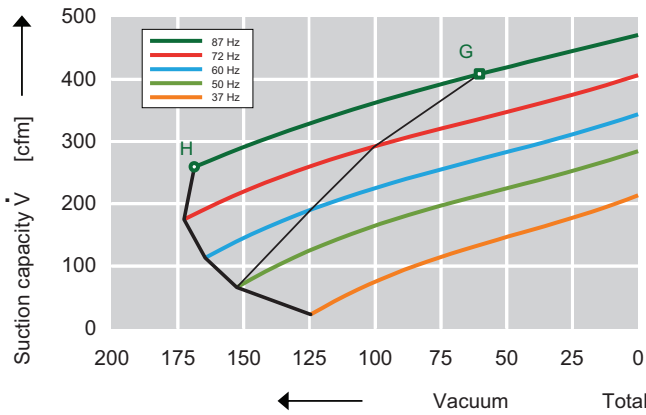
Curve Letter	Order Number	Frequency (Hz)	Rated Power (HP)	Input Voltage (V)		Input Current (A)	Permissible Total Differential Pressure		Sound Level dB(A)	Weight (lbs)
							Vacuum Inch H2O	Pressure Inch H2O		
1~50/60 IP155 insulation material class F										
E	3BA94307AT56	50	10.05	200D...240D	345Y...415Y	26.0D/15.0Y	-273	249	70	358
E	3BA94307AT56	60	11.50	220D...250D	415Y...460Y	26.2D/15.1Y	-261	204	74	358
E	3BA94307AT56	87	17.30	345D...415D		26.5D	-229	112	83	358
F	3BA94307AT86	50	20.10	200D...240D	345Y...415Y	53.0D/31.0Y	-273	409	70	428
F	3BA94307AT86	60	23.20	220D...250D	415Y...460Y	53.0D/30.5Y	-261	421	74	428
F	3BA94307AT86	100	34.80	345D...415D		51.5D	-200	261	83	428



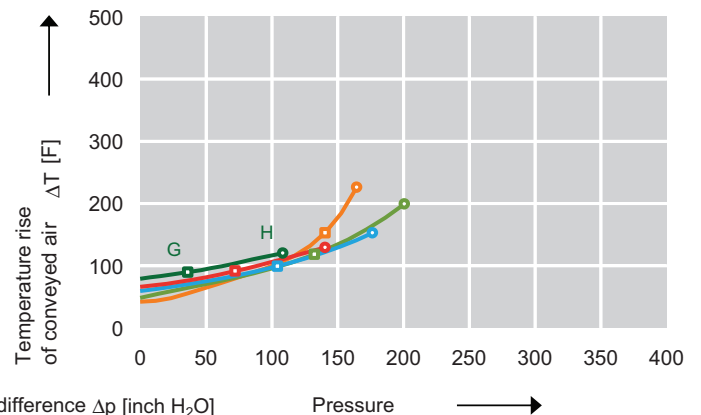
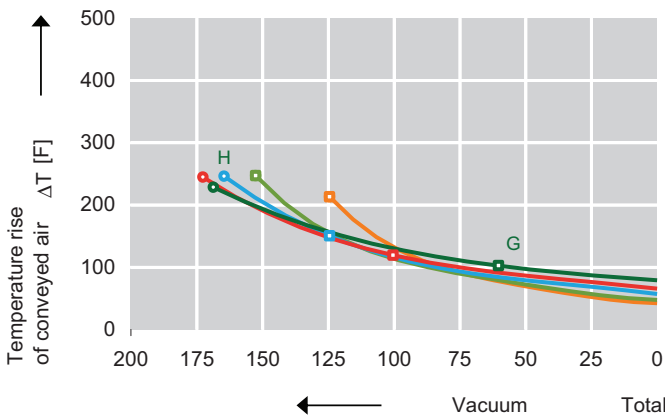
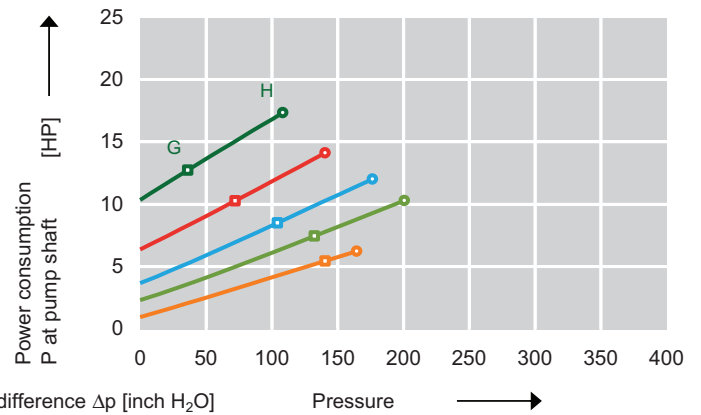
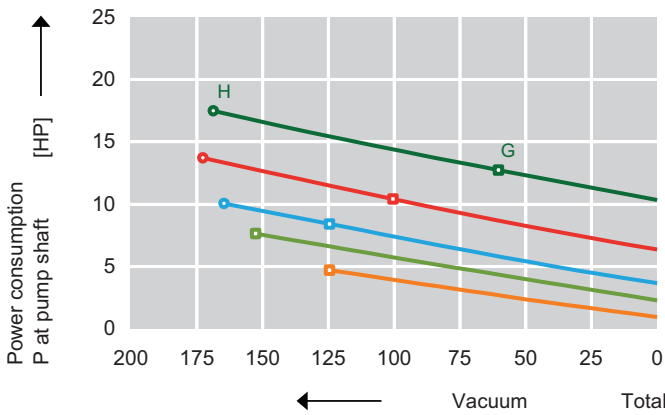
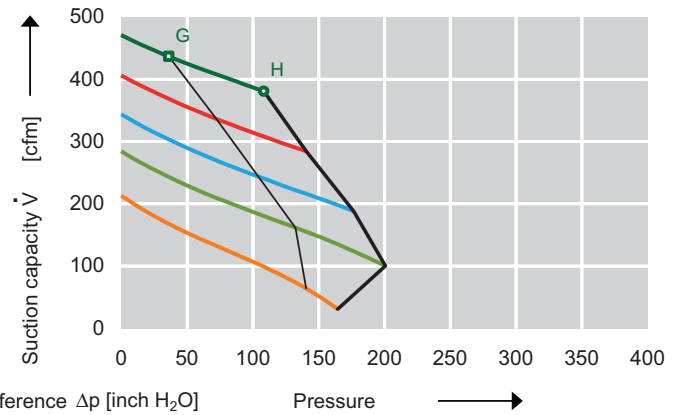
Features:

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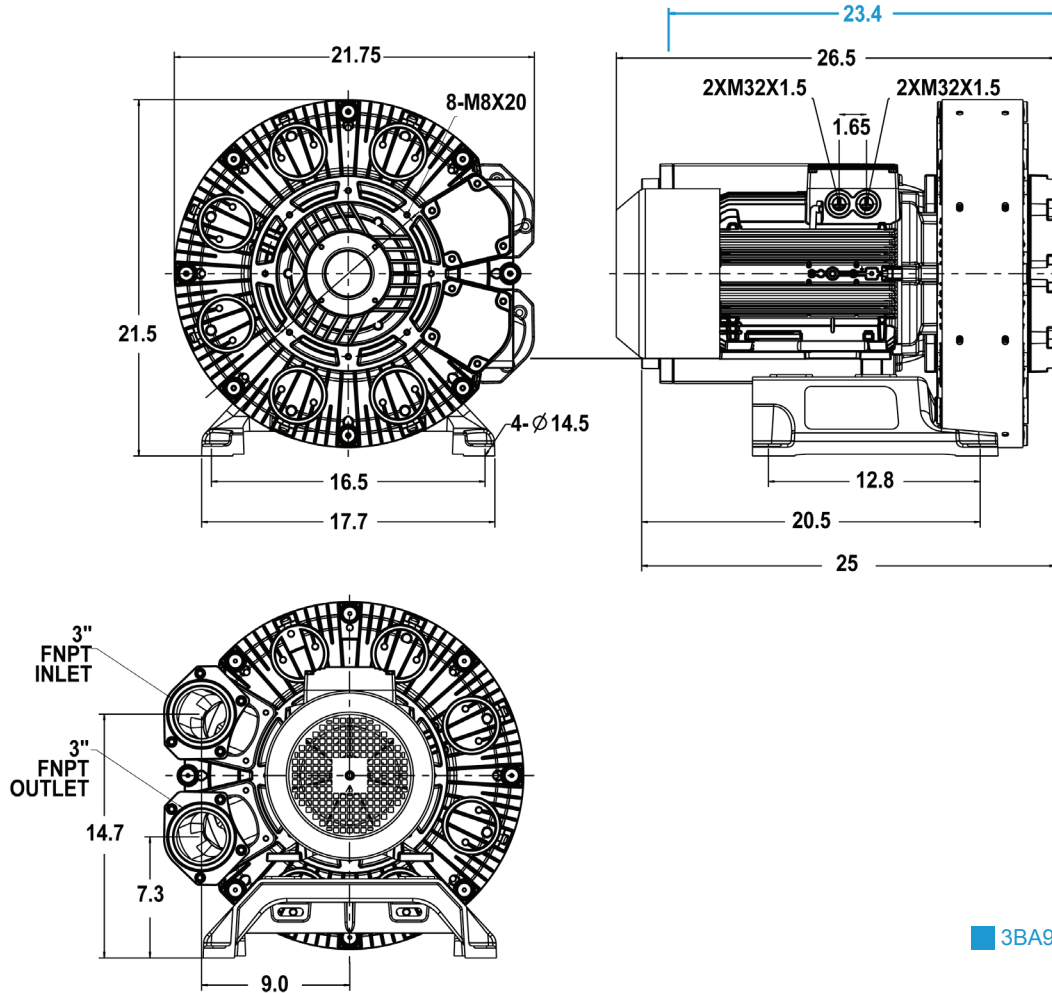
Performance Curve for Vacuum



Performance Curve for Compressor



Dimensions



Selection & Ordering Data - Type 3BA9600

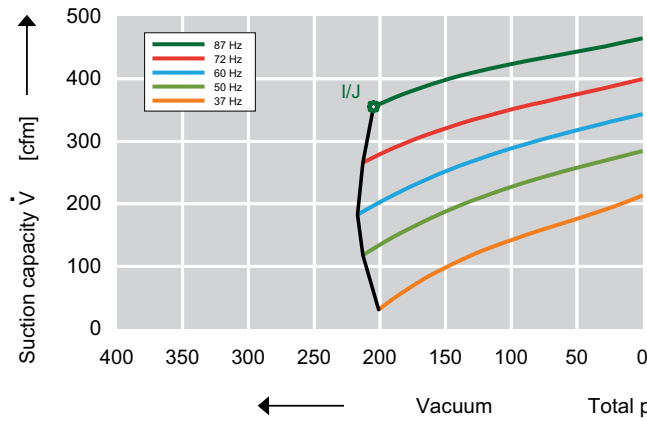
Curve Number	Order Number	Frequency (Hz)	Rated Power (HP)	Input Voltage (V)		Input Current (A)	Permissible Total Differential Pressure		Sound Level dB(A)	Weight (lbs)
							Vacuum Inch H2O	Pressure Inch H2O		
1~50/60 IP155 insulation material class F										
C 140	3BA96007AT56	50	10.05	200D...240D	345Y...415Y	26.0D/15.0Y	-152	132	71	212
C 141	3BA96007AT56	60	11.5	220D...250D	415Y...460Y	26.2D/15.1Y	-125	104	75	212
C 142	3BA96007AT56	87	17.3	345D...415D		26.5D	-60	36	82	212
C 143	3BA96007AT66	50	14.75	200D...240D	345Y...415Y	28.0D/22.0Y	-152	200	71	
C 144	3BA96007AT66	60	16.9	220D...250D	415Y...460Y	38.0D/22.0Y	-164	176	75	
C 145	3BA96007AT66	87	25.5	345D...415D		39.5D	-168	108	82	



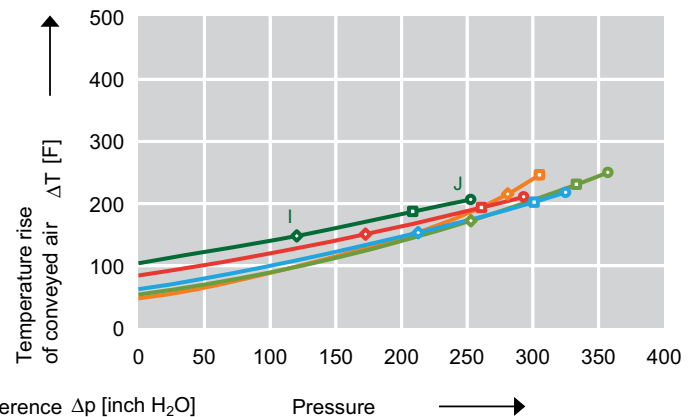
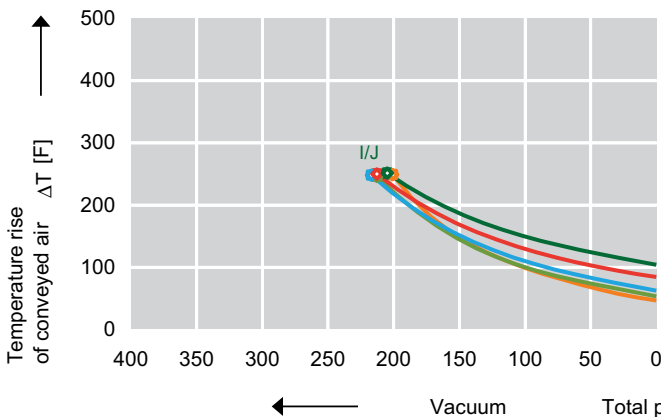
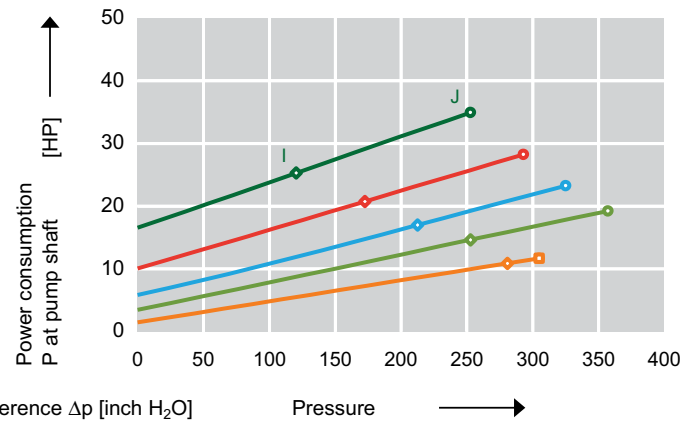
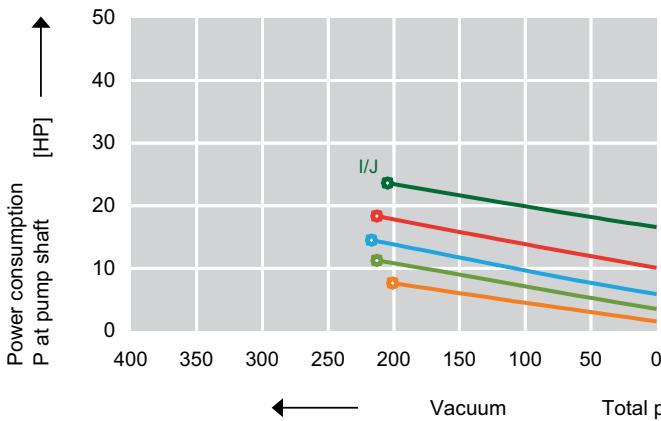
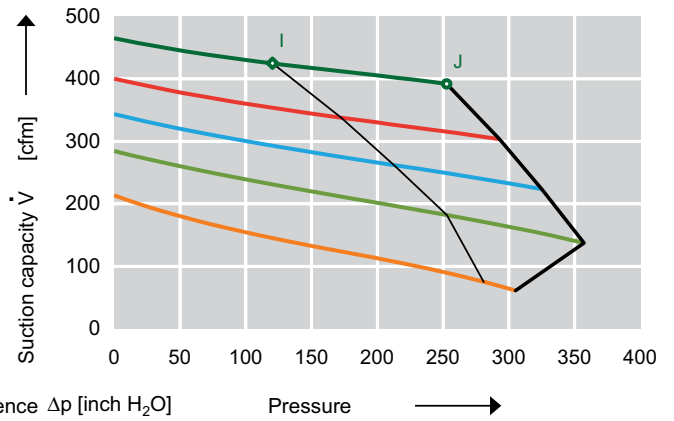
Features:

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- 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

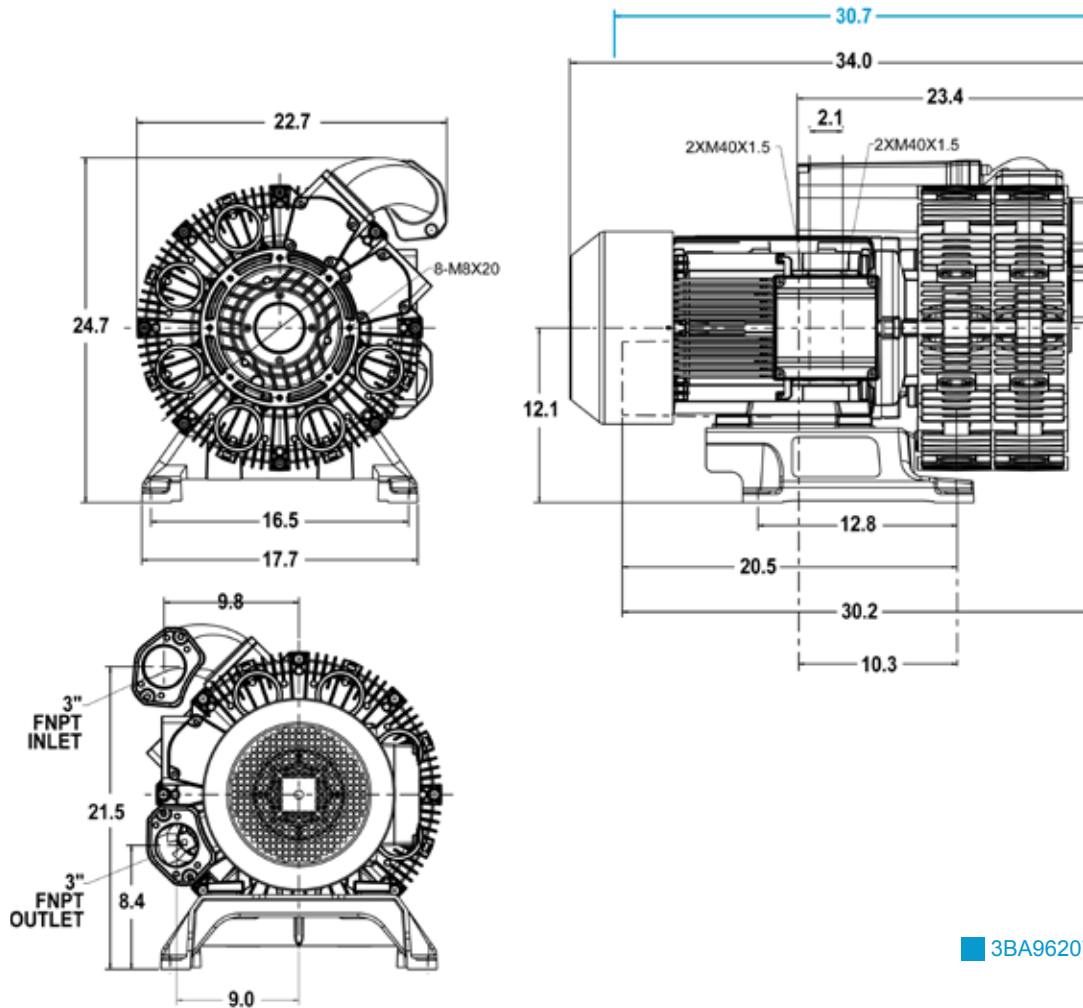
Performance Curve for Vacuum



Performance Curve for Compressor



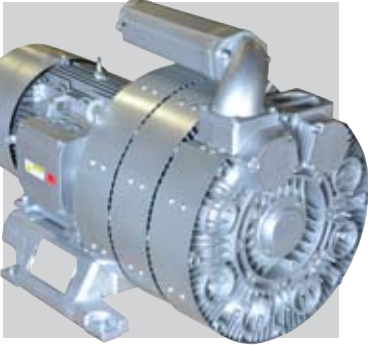
Dimensions



■ 3BA96207AT66

Selection & Ordering Data - Type 3BA9620

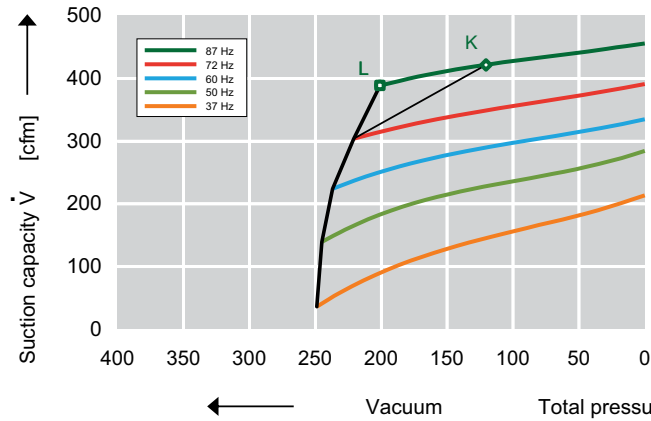
Curve Letter	Order Number	Frequency (Hz)	Rated Power (HP)	Input Voltage (V)	Input Current (A)	Permissible Total Differential Pressure		Sound Level dB(A)	Weight (lbs)
						Vacuum Inch H2O	Pressure Inch H2O		
1~50/60 IP155 insulation material class F									
I	3BA96207AT66	50	14.75	200D...240D 345Y...415Y	38.0D/22.0Y	-212	253	70	320
I	3BA96207AT66	60	16.90	220D...250D 415Y...460Y	38.0D/22.0Y	-217	212	74	320
I	3BA96207AT66	87	25.50	345D...415D	39.5D	-204	120	84	320
J	3BA96207AT86	50	20.10	200D...240D 345Y...415Y	53.0D/31.0Y	-212	357	70	370
J	3BA96207AT86	60	23.20	220D...250D 415Y...460Y	53.0D/30.5Y	-217	325	74	370
J	3BA96207AT86	87	34.80	345D...415D	51.5D	-204	253	84	370



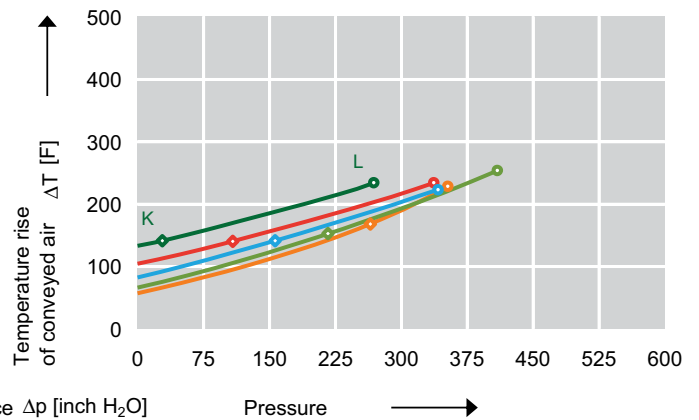
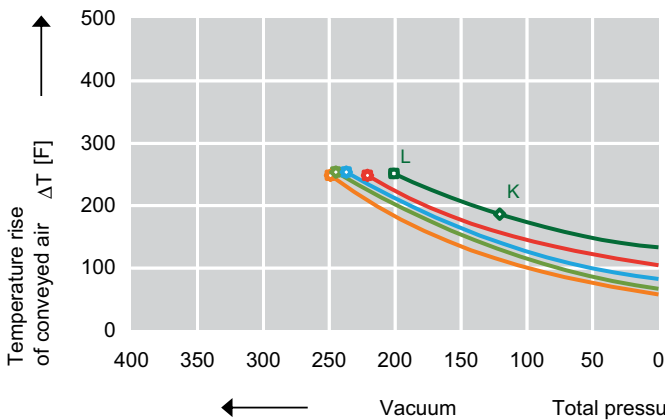
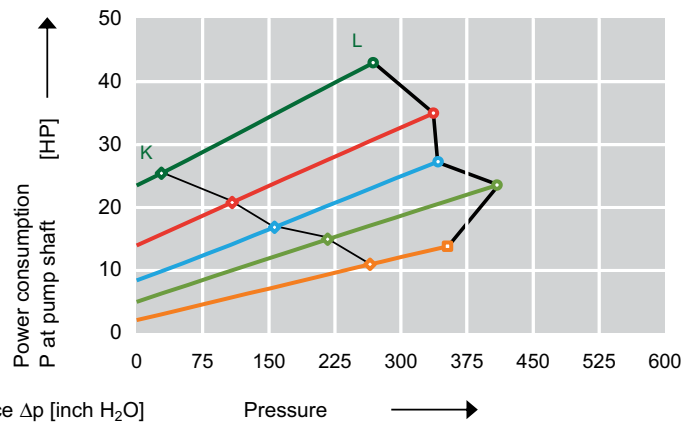
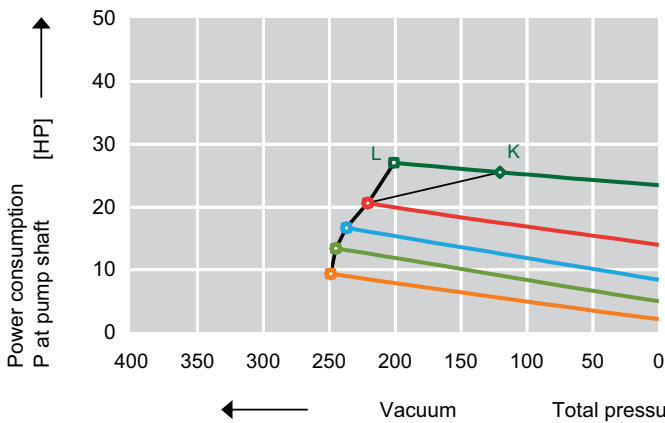
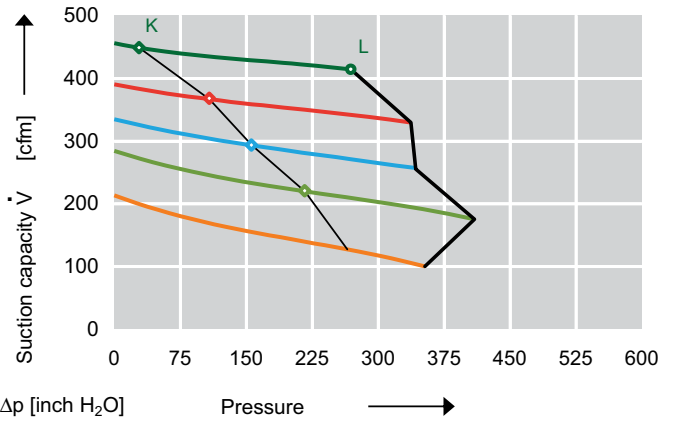
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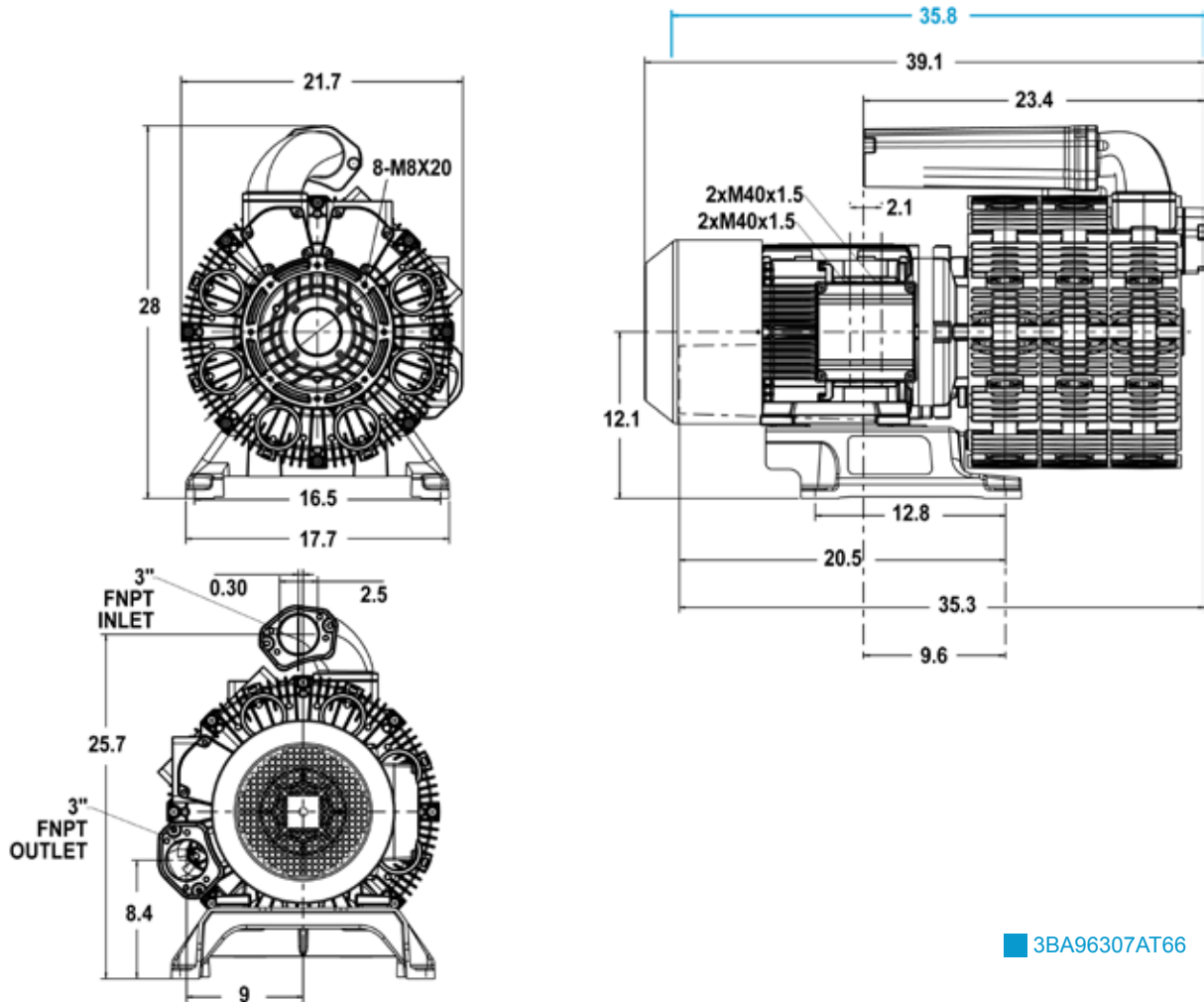
Performance Curve for Vacuum



Performance Curve for Compressor



Dimensions



Selection & Ordering Data - Type 3BA9630

Curve Letter	Order Number	Frequency (Hz)	Rated Power (HP)	Input Voltage (V)		Input Current (A)	Permissible Total Differential Pressure		Sound Level dB(A)	Weight (lbs)
							Vacuum Inch H2O	Pressure Inch H2O		
1~50/60 IP155 insulation material class F										
K	3BA96307AT66	50	14.75	200D...240D	345Y...415Y	38.0D/22.0Y	-245	217	71	472
K	3BA96307AT66	60	16.90	220D...250D	415Y...460Y	38.0D/22.0Y	-237	156	77	472
K	3BA96307AT66	87	25.50	345D...415D		39.5D	-120	28	84	472
L	3BA96307AT86	50	24.80	200D...240D	345Y...415Y	57.4D/33.0Y	-245	409	71	522
L	3BA96307AT86	60	28.40	220D...250D	415Y...460Y	57.6D/33.3Y	-237	349	77	522
L	3BA96307AT86	87	42.90	345D...415D		64.0D	-200	269	84	522