

FEATURES

- > Oil-less
- > Maintenance free
- > Low sound level
- > Low vibration
- > High performance

TYPICAL APPLICATIONS

- > Autoclaves
- > Analysers
- > Vacuum ovens
- > Rotation evaporator
- > Degassing
- > Aspirators

BASE MODEL

8011 AC
8011Z AC



Diaphragm Pump 8011V AC

Flow	40.8 l/min
Max. vacuum	95%



PNEUMATIC DATA

Description	8011V-35 AEE	
Part number	230 V/50 Hz	80110500
Max. flow	37.0 l/min	
Max. vacuum	95%	
Max. continuous vacuum	95%	
Max. restart vacuum	Ambient pressure	

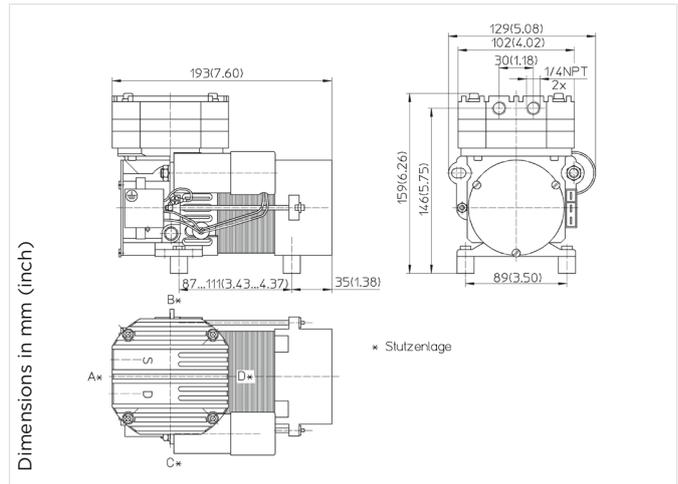
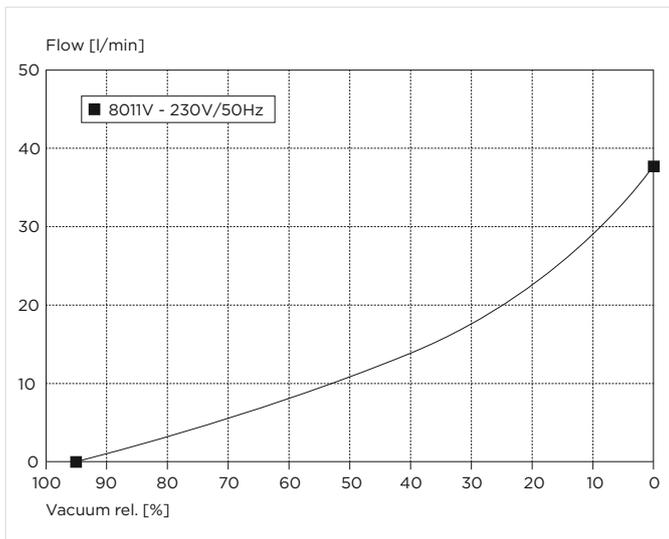
ELECTRICAL DATA

Motor type	Capacitor
Nominal voltage	230 V/50 Hz
Nominal speed	1500 rpm
Current consumption	0.4 to 0.5 A
Starting current	1.0 to 1.15 A
Power consumption	85 to 115 W
Protection class	IP00
Motor insulation class	F
Thermal switch	140 °C

GENERAL DATA

Ambient temperature	15 to 40 °C
Media temperature	10 to 60 °C
Weight	3.5 kg
Port direction	BC

FLOW CURVES



WETTED PARTS

Diaphragm	EPDM
Valves	EPDM
O-Ring	EPDM

OPTIONS

-
FKM vapour resistant
-

CHOICE OF MATERIALS

Chamber + Head

8011... Stock programme

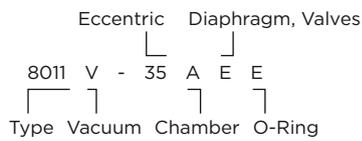
STANDARD

Aluminium

OPTION

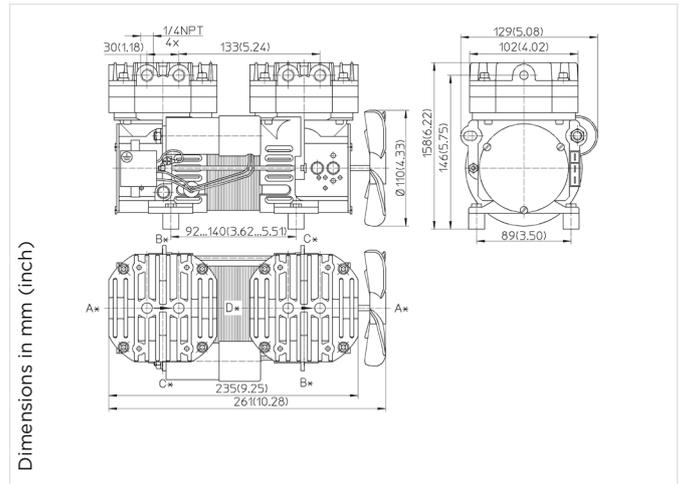
Aluminium hard coated

Model key:



Diaphragm Pump 8011ZVP AC

Flow	72.0 l/min
Max. vacuum	93%



PNEUMATIC DATA

Description	8011ZVP-35 AEE	8011ZVP-35 AEE
Part number	115 V/60 Hz 230 V/50 Hz	80110121
Max. flow	72.0 l/min	80110110 65.0 l/min
Max. vacuum	93%	93%
Max. continuous vacuum	93%	93%
Max. restart vacuum	Ambient pressure	Ambient pressure

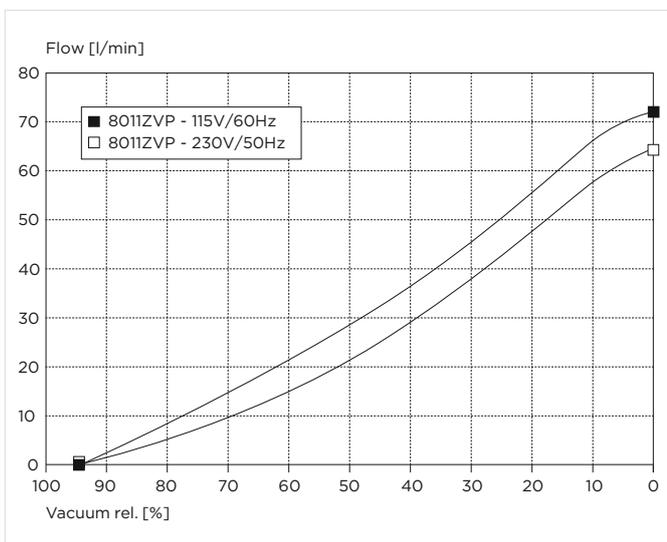
ELECTRICAL DATA

Motor type	Capacitor	Capacitor
Nominal voltage	115 V/60 Hz	230 V/50 Hz
Nominal speed	1500 rpm	1270 rpm
Current consumption	1.5 A	0.6 A
Starting current	3.3 A	1.4 A
Power consumption	90 W	95 W
Protection class	IP00	IP00
Motor insulation class	F	F
Thermal switch	140 °C	140 °C

GENERAL DATA

Ambient temperature	15 to 40 °C	15 to 40 °C
Media temperature	10 to 60 °C	10 to 60 °C
Weight	5.0 kg	5.0 kg
Port direction	BC	BC
Configuration	Parallel	Parallel

FLOW CURVES



WETTED PARTS

Diaphragm	EPDM
Valves	EPDM
O-Ring	EPDM

OPTIONS

-
FKM vapour resistant
-

CHOICE OF MATERIALS

Chamber + Head

8011... Stock programme

STANDARD

Aluminium

OPTION

Aluminium hard coated

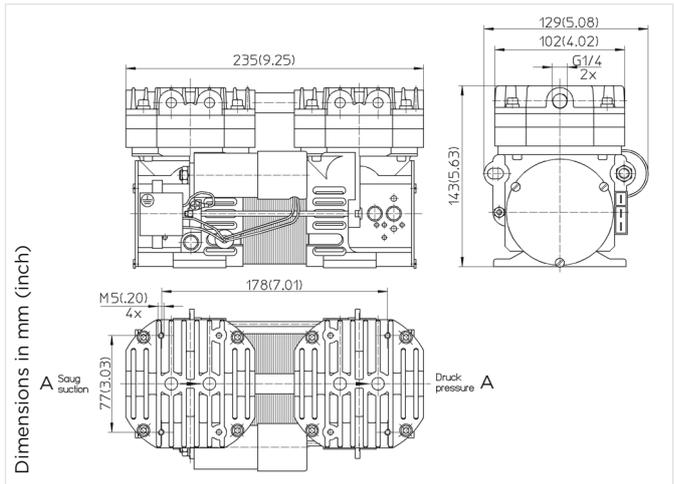
Model key:

Type Vacuum Eccentric Diaphragm, Valves

8011 Z V P - 35 A E E
 Double head Parallel Chamber O-Ring

Diaphragm Pump 8011ZVR AC

Flow	34.0 l/min
Max. vacuum	99%



PNEUMATIC DATA

Description	8011ZVR-35 AEE
Part number	230 V/50 Hz 80110106
Max. flow	34.0 l/min
Max. vacuum	99%
Max. continuous vacuum	99%
Max. restart vacuum	Ambient pressure

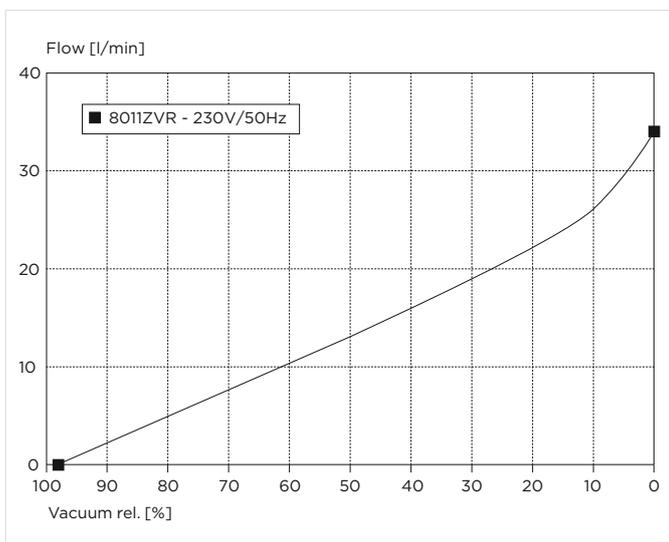
ELECTRICAL DATA

Motor type	Capacitor
Nominal voltage	230 V/50 Hz
Nominal speed	1300 rpm
Current consumption	0.6 A
Starting current	1.4 A
Power consumption	95 W
Protection class	IP00
Motor insulation class	F
Thermal switch	140 °C

GENERAL DATA

Ambient temperature	15 to 40 °C
Media temperature	10 to 60 °C
Weight	5.0 kg
Port direction	AA
Configuration	Series

FLOW CURVES



WETTED PARTS

Diaphragm	EPDM
Valves	EPDM
O-Ring	EPDM

OPTIONS

-
FKM vapour resistant
-

CHOICE OF MATERIALS

Chamber + Head

8011... Stock programme

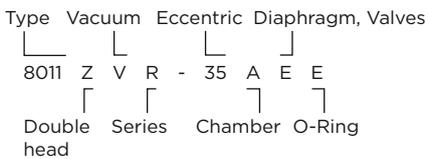
STANDARD

Aluminium

OPTION

Aluminium hard coated

Model key:



PUMP AND COMPRESSOR SOLUTIONS FOR OEMS WORLDWIDE

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