# **8011 Series**



# **FEATURES**

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

# TYPICAL APPLICATIONS

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



8011 AC 8011Z AC



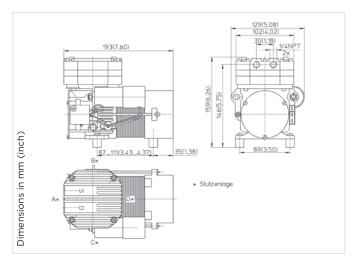




# Diaphragm Pump 8011V AC







#### PNEUMATIC DATA

Description		8011V-35 AEE	8011V-35 AEE
Part number	115 V/60 Hz 230 V/50 Hz	80110501	80110500
Max. flow		40.8 l/min	37.0 I/min
Max. vacuum		95%	95%
Max. continuous vacuum		95%	95%
Max. restart vacuum		Ambient pressure	Ambient pressure

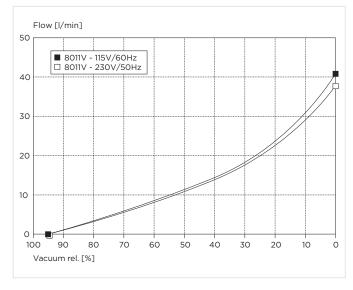
# ELECTRICAL DATA

Motor type	Capacitor	Capacitor
Nominal voltage	115 V/60 Hz	230 V/50 Hz
Nominal speed	1600 rpm	1500 rpm
Current consumption	1 A	0.4 to 0.5 A
Starting current	2.3 A	1.0 to 1.15 A
Power consumption	115 W	85 to 115 W
Protection class	IP00	IPOO
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	3.5 kg	3.5 kg
Port direction	BC	BC

# FLOW CURVES



# WETTED PARTS

Diaphragm	EPDM
Valves	EPDM
O-Ring	EPDM

#### CHOICE OF MATERIALS

Chamber + Head

# STANDARD Aluminium

Model key:

Eccentric Diaphragm, Valves 35 A E E 8011 V -Type Vacuum Chamber O-Ring

# **OPTIONS**

FKM vapour resistant

8011... Stock programme

# OPTION

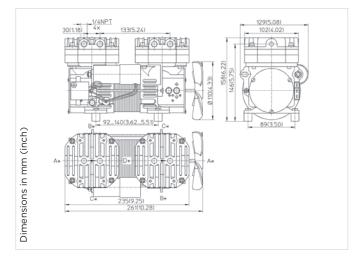
Aluminium hard coated

# 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	80110110
Max. flow		72.0 l/min	65.0 I/min
Max. vacuum		93%	93%
Max. continuous vacuum		93%	93%
Max. restart vacuum		Ambient pressure	Ambient pressure

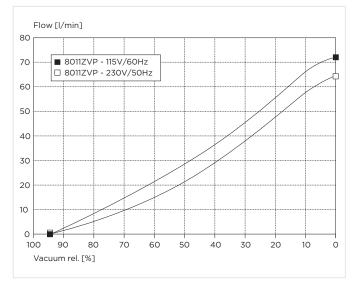
#### ELECTRICAL DATA

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

# CHOICE OF MATERIALS

Chamber + Head

# STANDARD

Aluminium

# OPTIONS

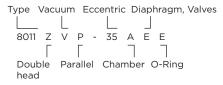
FKM vapour resistant

**8011...** Stock programme

# OPTION

Aluminium hard coated

Model key:



# Diaphragm Pump 8011ZVR AC

Flow	34.0 l/min
Max. vacuum	99%



# PNEUMATIC DATA

# 129(5.08) 102(4.02) Dimensions in mm (inch)

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

WETTED PARTS		OPTIONS	
Diaphragm	EPDM	-	
Valves	EPDM	FKM vapour resistant	
O-Ring	EPDM	-	
CHOICE OF MATERIALS		8011 Stock programme	

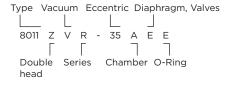
x. restart vacuum	Ambient pressure	Chamber + Head

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	IPOO
Motor insulation class	F
Thermal switch	140 °C

STANDARD OPTION

Aluminium Aluminium hard coated

Model key:

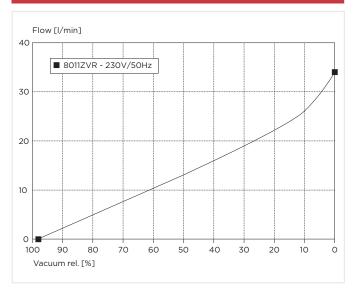


# **GENERAL DATA**

ELECTRICAL DATA

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

# FLOW CURVES



# Diaphragm Pump 8011ZVR/P AC

Flow	56.0 I/min
Max. vacuum	98%



# PNEUMATIC DATA

Description		8011ZVR/P-35 AEE*
Part number	230 V/50 Hz	80110131
Max. flow		56.0 l/min
Max. vacuum		98%
Max. continuous	vacuum	98%
Max. restart vac	uum	Ambient pressure

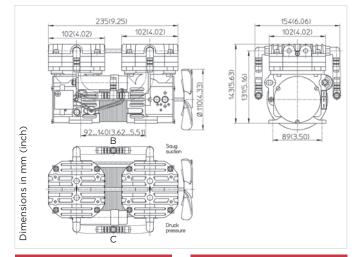
# ELECTRICAL DATA

Motor type	Capacitor
Nominal voltage	230 V/50 Hz
Nominal speed	1270 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	BC
Configuration	Parallel/Series

\* The changeover from parallel to series operation is controlled automatically via the vacuum within and an integral auxilliary valve.



# WETTED PARTS

Diaphragm	EPDM
Valves	EPDM
O-Ring	EPDM

# OPTIONS FKM vapour resistant

#### **CHOICE OF MATERIALS**

8011... Stock programme

Chamber + Head

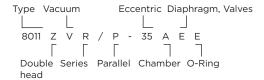
# STANDARD

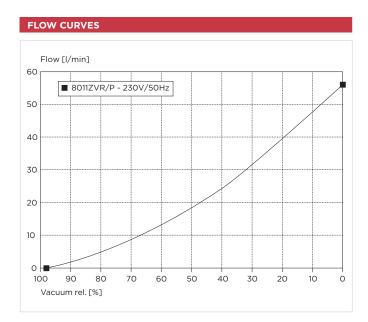
Aluminium

#### OPTION

Aluminium hard coated

Model key:







#### PUMP AND COMPRESSOR SOLUTIONS FOR OEMS WORLDWIDE



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