

# Rotary Vane Pumps - Series PK 4 Dp, PK 6 Dp, PK 8 Dp



The rotary vane pumps of the PK p series from ILMVAC are characterised by their high water vapor tolerance and reliability. These chemically resistant pumps are ideally suited for use in the laboratory. They are low maintenance, compact and exceptionally quiet.

- ✓ Vacuum Drying Ovens
- ✓ Gel Drying
- ✓ Freeze Drying
- ✓ Vacuum Concentrators
- ✓ chemical laboratories
- ✓ .. and also in all other applications, where fine vacuum is required

## Accessories for PK 4 Dp, PK 6 Dp, PK8 Dp



Artikelnummer	
300883	Condenser AKD 16
300884	Condenser AKS 16
302059-01	Maintenance Kit for PK 4 Dp
302059	Maintenance Kit for PK 6 Dp
302059-02	Maintenance Kit for PK 8 Dp
330022	Basic Set PK 4 Dp
330019	Basic Set PK 6 Dp
330028	Basic Set PK 8 Dp

## Rotary Vane Pumps

- ✓ compact, robust and functional construction
- ✓ low noise emission
- ✓ integrated sight glass
- ✓ no oil contamination of the chamber by migration or suck-back
- ✓ high pumping speed
- ✓ low, ultimate pressures are reached quickly
- ✓ long service intervals
- ✓ low energy consumption
- ✓ easy reassembly when servicing
- ✓ permanent operation possible
- ✓ simply attach and switch on

## technical data:

PK 4 Dp - Order number	302099	
Rotary Vane Pump	PK 4 Dp	
Pumping Speed pneurop 50/60 Hz	4,6/5,5	m <sup>3</sup> /h
Ultimate pressure total	2x10 <sup>-3</sup>	mbar
Ultimate pressure pneurop		
- without gas ballast partial	2x10 <sup>-4</sup>	mbar
- with gas ballast total	1x10 <sup>-2</sup>	mbar
Max. leak rate of inlet valve	7x10 <sup>-5</sup>	mbar l/sek
Connection flanges	DN 16 KF	
Water vapour tolerance	60	mbar
Motor power	370	W
Oil charging	1100	ml
Dimensions (W/D/H)	405/150/210 mm	
Weight	18,0	kg
Voltage	230V 50/60	Hz CEE

PK 6 Dp - Order number	302100	
Rotary Vane Pump	PK 6 Dp	
Pumping speed pneurop 50/60 Hz	5,8/6,6	m <sup>3</sup> /h
Ultimate pressure total	2x10 <sup>-3</sup>	mbar
Ultimate pressure pneurop		
- without gas ballast partial	2x10 <sup>-4</sup>	mbar
- with gas ballast	1x10 <sup>-2</sup>	mbar
Max. leak rate of inlet valve	7x10 <sup>-5</sup>	mbar l/sek
Connection flanges	DN 16 KF	
Water vapour tolerance	60	mbar
Motor power	370	W
Oil charging	1000	ml
Dimensions (W/D/H)	415/150/210 mm	
Weight	20	kg
Voltage	230V 50/60	Hz CEE

PK 8 Dp - Order number	302101	
Rotary Vane Pump	PK 8 Dp	
Pumping speed pneurop 50/60 Hz	7,2/8,6	m <sup>3</sup> /h
Ultimate pressure total	2x10 <sup>-3</sup>	mbar
Ultimate pressure pneurop		
- without gas ballast partial	2x10 <sup>-4</sup>	mbar
- with gas ballast total	1x10 <sup>-2</sup>	mbar
Max. leak rate of inlet valve	7x10 <sup>-5</sup>	mbar l/sek
Connection flanges	DN 25 KF	
Water vapour tolerance	60	mbar
Motor power	370	W
Oil charging	1200	ml
Dimensions (W/D/H)	430/150/210 mm	
Weight	22	kg
Voltage	230V 50/60	Hz CEE