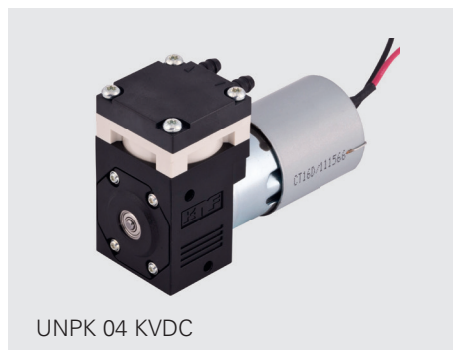
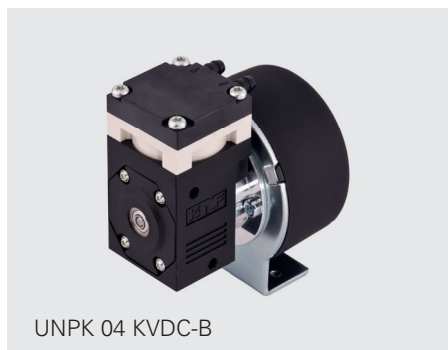


UNPK 04 SERIES SWING PISTON COMPRESSORS AND VACUUM PUMPS FOR AIR



UNPK 04 KVDC



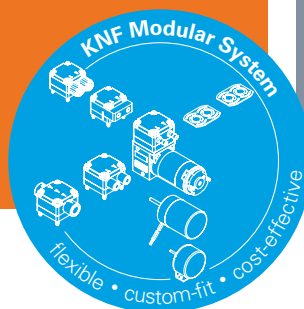
UNPK 04 KVDC-B

ADVANTAGES

- Customizing available
- Tested to customers specs
- High pressure
- Excellent size to performance ratio
- Low noise and vibration
- Long service life
- Uncontaminated transfer
- Maintenance-free
- High chemical resistance
- Can be installed in any position

POSSIBLE AREAS OF USE

- Medical devices
- Analytical equipment
- Filtration and nebulization
- Compressed air supply
- Reprographic
- Safety/Security
- Food Industry



Please visit our website
www.knf.com
to get more information

PERFORMANCE DATA

Series Model	UNPK 04							
Material design	KVDC VA		KVDC PR		KVDC-B VA		KVDC-B PR	
Pump head	PPS							
Piston sealing	PTFE							
Valves	FPM							
Flow rate at atm. pressure (l/min)	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
Ultimate vacuum (mbar abs.)	300	300	550	550	300	300	550	550
Ultimate pressure (bar g)	0.6	0.6	2	2	0.6	0.6	2	2
Permissible media and ambient temperature	5° C to 40° C / 41° F to 104° F (extended temperature on request)							
Weight (g/oz)	193/6.81		193/6.81		273/9.63		273/9.63	

ELECTRICAL DATA

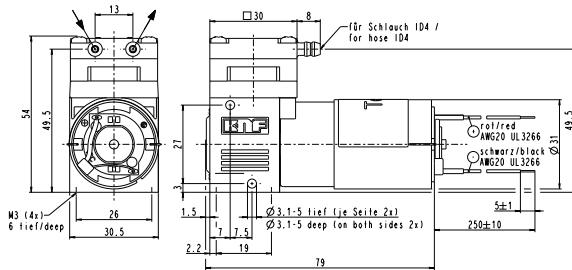
Voltage (V)	12	24	12	24	12	24	12	24
Motor	DC		DC		Brushless DC		Brushless DC	
I _{max} (A)	0.68	0.35	0.68	0.35	0.64	0.32	0.64	0.32

UNPK 04 KVDC VA

PERFORMANCE DATA

Series model	Flow rate at atm. pressure (l/min)	Max. operating pressure (bar g)	Ultimate vacuum (mbar abs.)
UNPK 04 KVDC VA 12V	3.3	0.6	300
UNPK 04 KVDC VA 24V	3.3	0.6	300

UNPK 04 KVDC VA



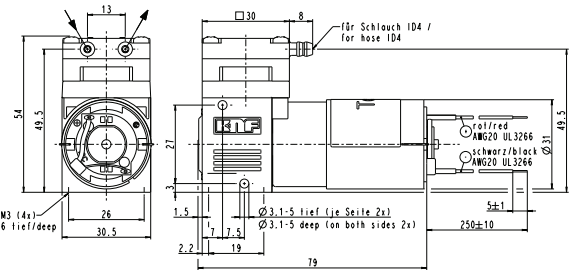
Dimensions in mm

UNPK 04 KVDC PR

PERFORMANCE DATA

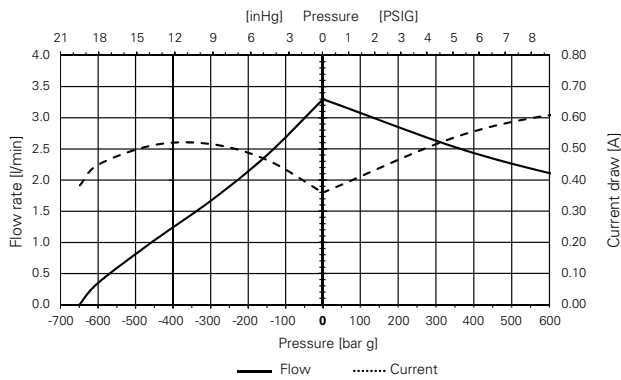
Series model	Flow rate at atm. pressure (l/min)	Max. operating pressure (bar g)	Ultimate vacuum (mbar abs.)
UNPK 04 KVDC PR 12V	3.3	2	550
UNPK 04 KVDC PR 24V	3.3	2	550

UNPK 04 KVDC PR

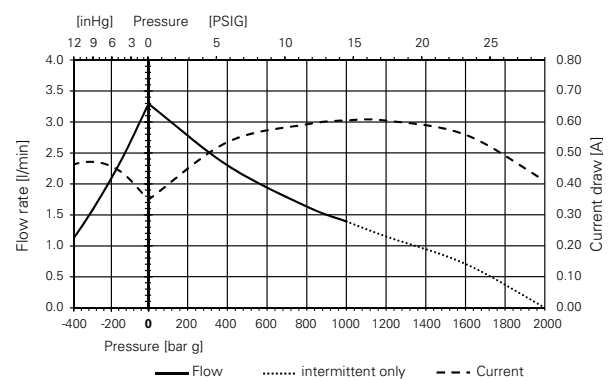


Dimensions in mm

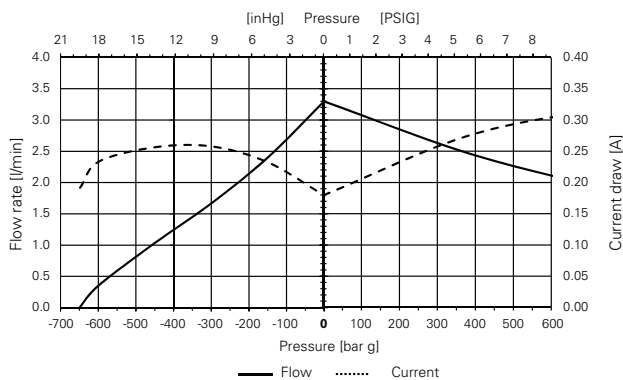
UNPK 04 KVDC VA 12V FLOW CURVE



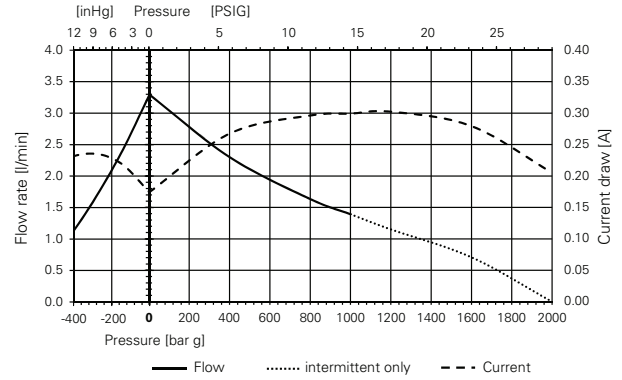
UNPK 04 KVDC PR 12V FLOW CURVE



UNPK 04 KVDC VA 24V FLOW CURVE



UNPK 04 KVDC PR 24V FLOW CURVE

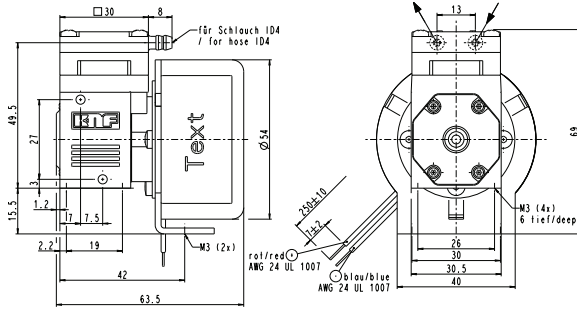


UNPK 04 KVDC-B VA

PERFORMANCE DATA

Series model	Flow rate at atm. pressure (l/min)	Max. operating pressure (bar g)	Ultimate vacuum (mbar abs.)
UNPK 04 KVDC-B VA 12V	3.3	0.6	300
UNPK 04 KVDC-B VA 24V	3.3	0.6	300

UNPK 04 KVDC-B VA



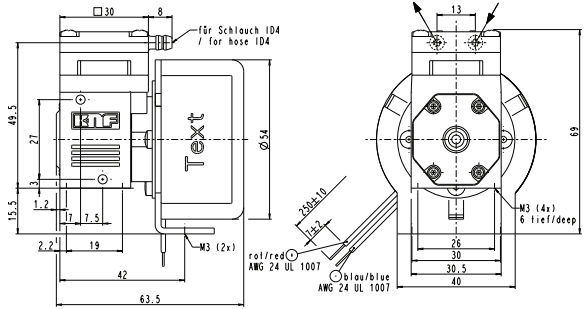
Dimensions in mm

UNPK 04 KVDC-B PR

PERFORMANCE DATA

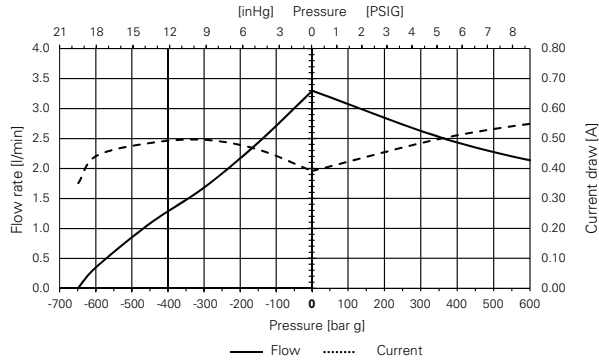
Series model	Flow rate at atm. pressure (l/min)	Max. operating pressure (bar g)	Ultimate vacuum (mbar abs.)
UNPK 04 KVDC-B PR 12V	3.3	2	550
UNPK 04 KVDC-B PR 24V	3.3	2	550

UNPK 04 KVDC-B PR

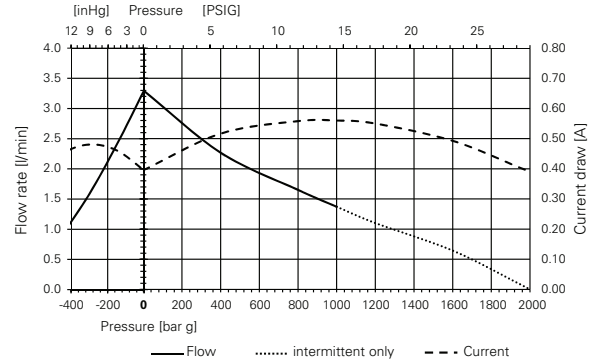


Dimensions in mm

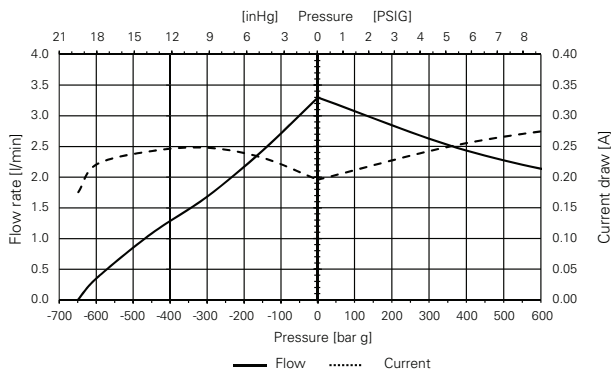
UNPK 04 KVDC-B VA 12V FLOW CURVE



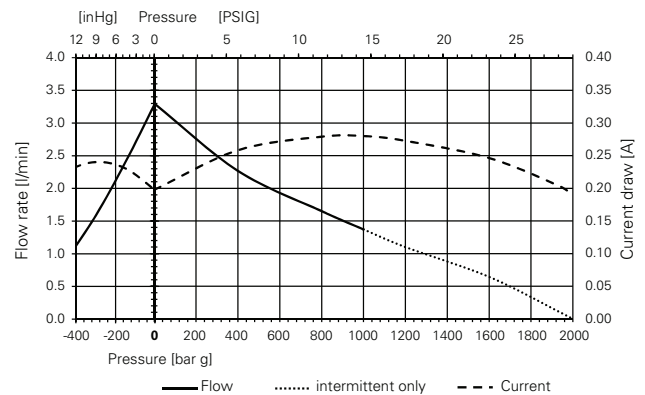
UNPK 04 KVDC-B PR 12V FLOW CURVE



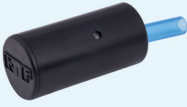
UNPK 04 KVDC-B VA 24V FLOW CURVE



UNPK 04 KVDC-B PR 24V FLOW CURVE



OPTIONS			
Description	Illustration	Part No.	Details
Motors		on request	Other motor options are available. Ask your KNF sales contact to find the best solution for you.
Connecting plate		on request	DN4/6 connecting plate M5 inside thread UNF 1/4".-28 inside thread
Eccentric		on request	Other eccentricities are available to meet your operating point best.

ACCESSORIES			
Description	Illustration	Part No.	Details
Silencer		024805	For hose barbs
Silencer		314005	For DN4/6 connecting plate
Mounting plate		312554	
Shock mount		on request	

SPARE PARTS			
Description	Illustration	Part No.	Details
Spare part kit		319849	Piston sealing, valves and o-ring

The performance values for the series models shown on this data sheet were determined under test conditions. The actual performance values may differ and depend in particular on the usage conditions and therefore on the specific application, on the parameters of the components involved in the user's system and on any technical modifications carried out which deviate from the standard configuration or the as delivered condition.

If individual designs have been created for specific customers on the basis of series models, other technical performance data may apply. Before operation begins, the relevant operating instructions and/or assembly or installation instructions should be read and the safety information contained in these instructions should be noted. KNF reserves the right to make changes to the product and the associated documentation without prior notice to the customer.



www.knf.com