

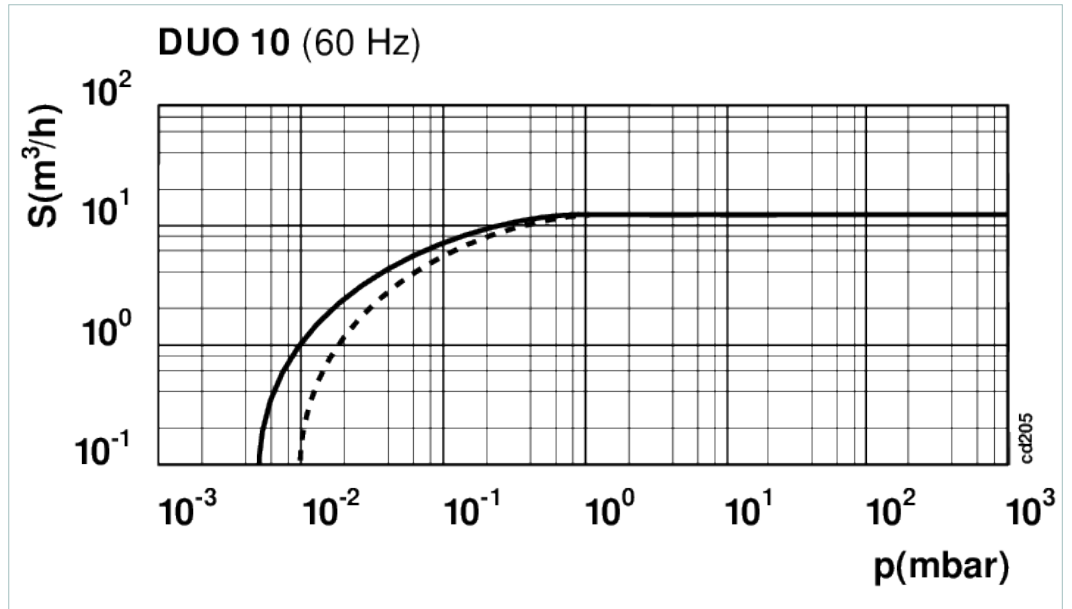
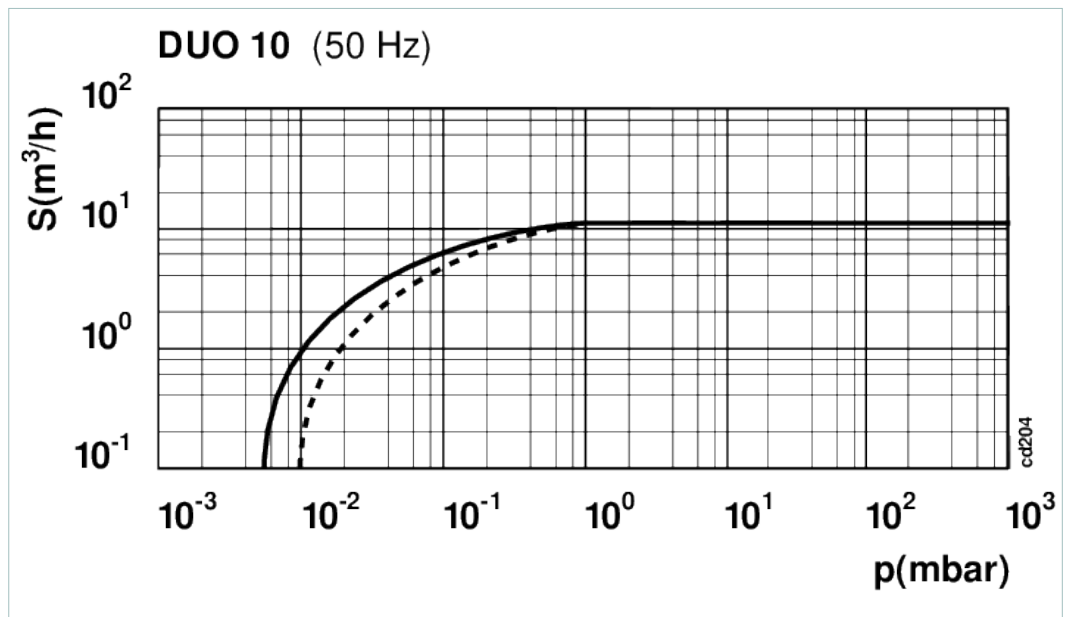
Duo 10 M, 1-phase motor, 200-230 V, 50 Hz; 200-240 V, 60 Hz

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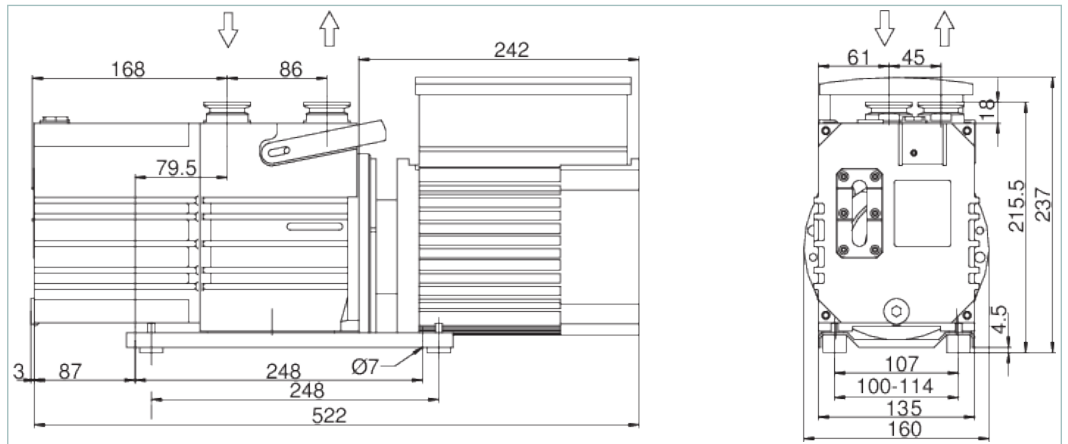


Similar Image

- Dual-stage, high-performance rotary vane pump with a pumping speed of up to 12 m³/h
- With Single-phase motor
- Integrated gas ballast and HV safety valve
- For all low and medium vacuum applications
- Magnetically coupled
- Special feature: Various motor voltages for worldwide employment



Dimensions



Technical Data	Duo 10 M, 1-phase motor, 200-230 V, 50 Hz; 200-240 V, 60 Hz
Ambient temperature	12 - 40 °C
Cooling method, standard	Air
Emission sound pressure level without gas ballast at 50 Hz	= 57 dB (A)
Exhaust pressure, max.	1500 hPa
Exhaust pressure, min.	250 hPa
Flange (in)	DN 25 ISO-KF
Flange (out)	DN 25 ISO-KF
Leak rate safety valve	$1 \cdot 10^{-5}$ Pa m ³ /s
Magnetic coupling	Yes
Mains cable	Yes
Mains requirement: voltage (selectable)	100-110, 50 Hz; 100-120, 60 Hz V
Mains requirement: voltage 50 Hz	200-230 ($\pm 5\%$) V
Mains requirement: voltage 60 Hz	200-240 ($\pm 5\%$) V
Motor version	1-phase Motor
Operating fluid	P3
Operating fluid filling	1 l
Protection category	IP 54
Pumping speed at 50 Hz	10 m ³ /h
Pumping speed at 60 Hz	12 m ³ /h
Rated power 50 Hz	0.45 kW
Rated power 60 Hz	0.55 kW
Rotation speed at 50 Hz	1,500 rpm 1,500 min ⁻¹
Rotation speed at 60 Hz	1,800 rpm 1,800 min ⁻¹
Switch	Yes
Ultimate pressure with gas ballast	$6 \cdot 10^{-3}$ hPa $4.5 \cdot 10^{-3}$ Torr $6 \cdot 10^{-3}$ mbar
Ultimate pressure without gas ballast	$3 \cdot 10^{-3}$ hPa $2.25 \cdot 10^{-3}$ Torr $3 \cdot 10^{-3}$ mbar
Weight	30 kg 66.14 lb

Order number

Duo 10 M

PK D62 712

Accessories	
Condensate separators	
KAS 25, condensate separator for pumping speeds up to 12 m ³ /h	PK Z10 032
Dust filter	
SAS 25, dust separator, DN 25 ISO-KF, polyester filter	PK Z60 508
FAK	
FAK 025, activated carbon filter	PK Z30 006
Heating rod for zeolite trap (ZFO)	
Heating rod for ZFO 025, 220 V, 50/60 Hz	PK Z90 012 A
KLF	
KLF 025, cold trap	PK Z80 006
Oil pressure switch	
Oil pressure switch for Duo 5/10/20 M and Penta 20/35	PK 196 484 -T
OME	
Oil mist eliminator OME 25 S	104200
OME M	
OME 25 M, oil mist filter for pumping speeds of up to 12 m ³ /h	PK Z40 157
Operating fluid return line from operating fluid mist filter	
Oil return unit from OME 25 M, 25 L, 25 XL	PK 196 177 -T
Oil return unit ODK from OME 16 M to Duo 5 M, from OME 25 M to Duo 10 M, Duo 20 M	PK 196 172 -T
URB	
URB 025, catalytic trap, 115 V	PT U10 761
URB 025, catalytic trap, 230 V	PT U10 760
Zeolite trap	
ZFO 025, zeolite trap	PK Z70 006
Consumables	
P3, mineral oil, 1 l	PK 001 106 -T
P3, mineral oil, 5 l	PK 001 107 -T
P3, mineral oil, 20 l	PK 001 108 -T

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