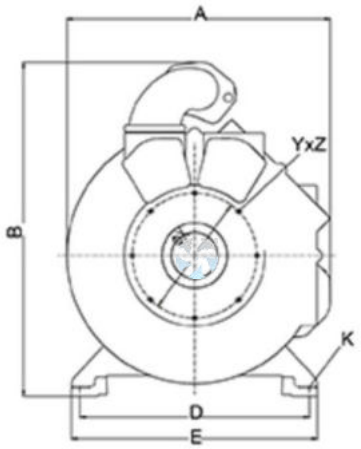
ESPECIFICACIONES TÉCNICAS

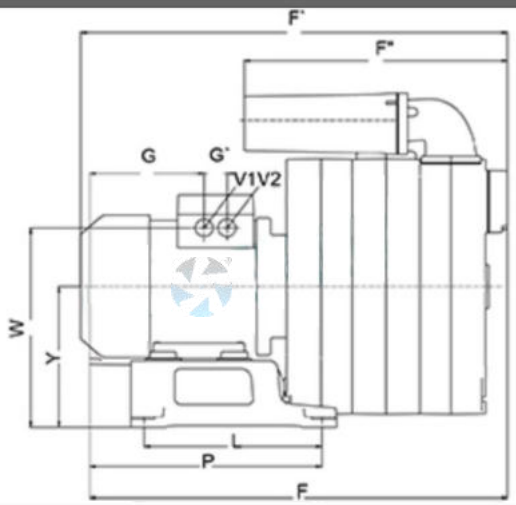
PW-3366C

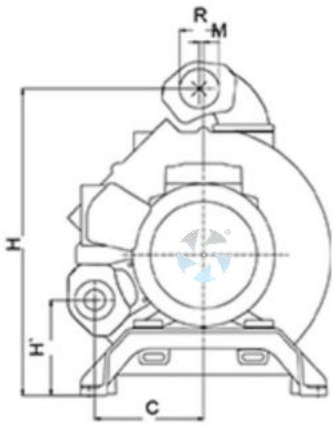
PUMPOWER®

REFERENCIA	PW-3366C TRES ETAPAS
POTENCIA	16,89 HP / 12,60 kW
TENSIÓN REQUERIDA / FRECUENCIA	220 V o 440 V a 60 Hz / TRIFÁSICO
NIVEL PRESIÓN ACÚSTICA	76 dB (A)
MÁXIMO FLUJO DE AIRE (Q.MAX)	380 m^3/h
CAUDAL MÁXIMO (CFM)	223,66 pie^3/min
VACÍO MÁXIMO	-650 mBar
PRESIÓN MÁXIMA	880 mBar 12,76 psi 0,88 Bar 88,0 kPa
PROFUNDIDAD MAX.	8,8 m.c.a. [metro columna de agua]
VELOCIDAD	3545 rpm
DIÁMETROS: ENTRADA / SALIDA	2,5 pulg. X 2,5 pulg. – $pulg.$
AMP. CON CARGA	^{220V} 38,0 A / ^{440V} 22,0 A.
PESO	151 kg
DIMENSIONES CAJA	91 cm x 72 cm x 107 cm

Dimension for Side Channel Blower







Type	Phases	A	B	C	D	E	F
PW-3366C	3~	481	638	199	420	450	765
F'	F"	G	H	H'	K	L	M
872	482	184	589	203	ϕ14.5	325	8
P	ϕR	V1	V2	W	ϕX	Y_Z	
425	G 2 ½	2×M32×1.5	2×M32×1.5	412	228	M8×20	

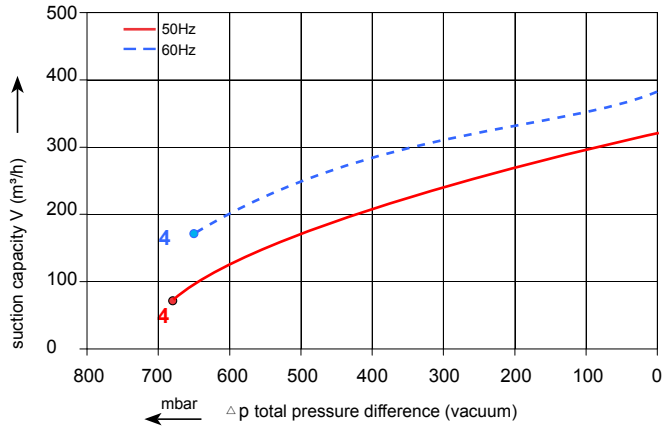
Note:Model offerings and design parameters may change without notice.

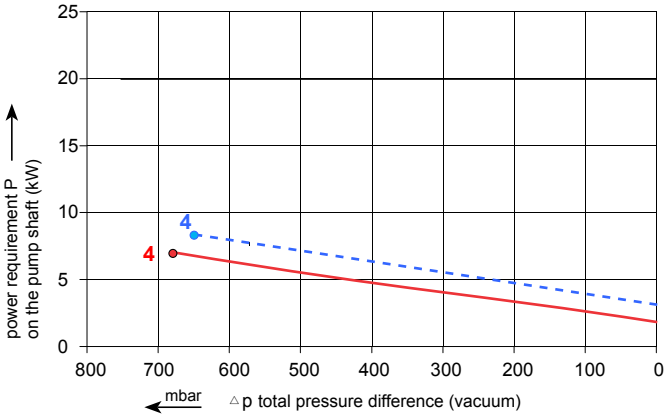
Data sheet PW-3366C

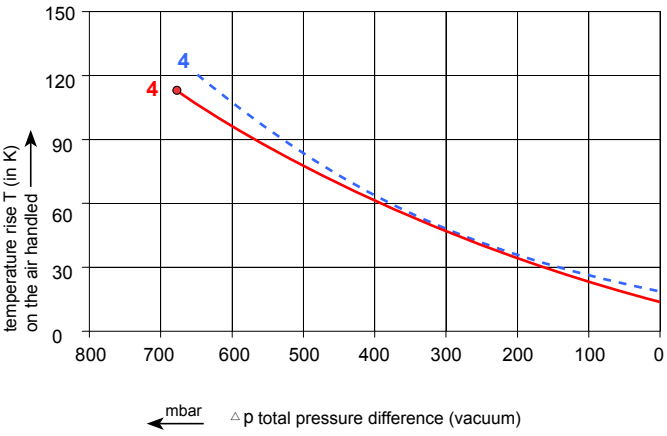
Side channel blower with IE2-motors

IE2

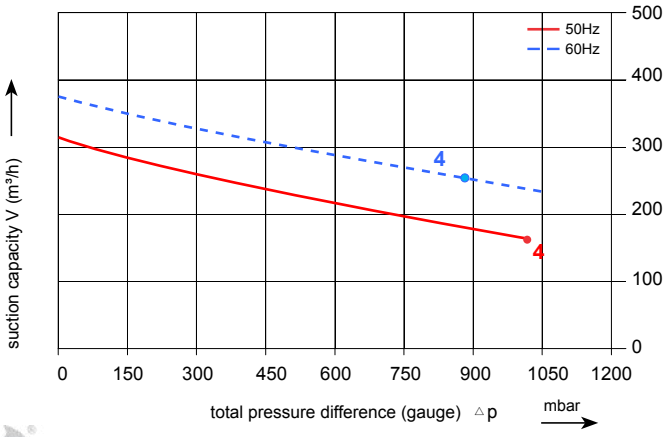
Performance curve for Vacuum pump

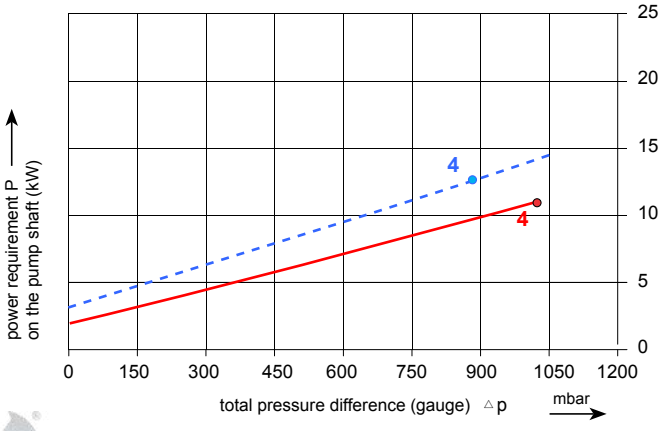


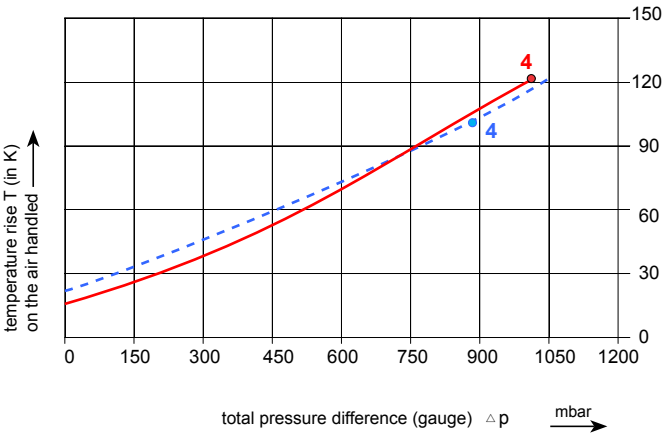




Performance curve for Compressor







The performance curves are based on air at a temperature of 15 °C and anatmospheric pressure of 1013 mbar with a tolerance of +/- 10 %.The total pressure differences are valid for suction and ambient temperaturesup to 25 °C.For other conditions please confer with us.

Each PW type can be applied both as vacuum pump and compressor incontinuous operation over the total stated performance curve range. Themotors are available as standard for the input voltage range of 50 and 60 Hzand for protection category IP 55.

PUMPOWER®

Selection and ordering data

Type PW-3366C

Curve No.	Order No.	Fre-quency Hz	Rated Power KW	Input voltage V	Input current A	Permissible total differential pressure ²) Vacuum mbar	Permissible total differential pressure ²) Compressor mbar	Sound pressure level ³) dB(A)	Weight ca. kg
3~ 50/60 Hz IP55 isulation material class F									
4	PW-3366C	50	11.0	200-260 △ /350-450Y	38.0 △/22.0Y	-680	1020	70	120
		60	12.6	230-290 △ /400-500Y	38.0 △/22.0Y	-650	880	74	

1) Relief valves available for limiting differential pressure.

2) Measuring surface sound pressure level acc. to EN ISO 3744, measured with an equivalent unit at a distance of 1 m.The pump is throttled to an average suction pressure, with piping connected, but no relief valves fitted, tolerance ±3 dB(A).

All PW fulfil the 2006/42/EC(machinery)and 2006/95/EC(low voltage) directives and the EN 60034-1 norm "Rotating electrical machines".

The motors comply with EN 60 034-1 / -2 /-30(IEC 60034) and thermal class F

The voltage tolerance is +/- 5%.

The frequency tolerance is +/- 2% maximum.

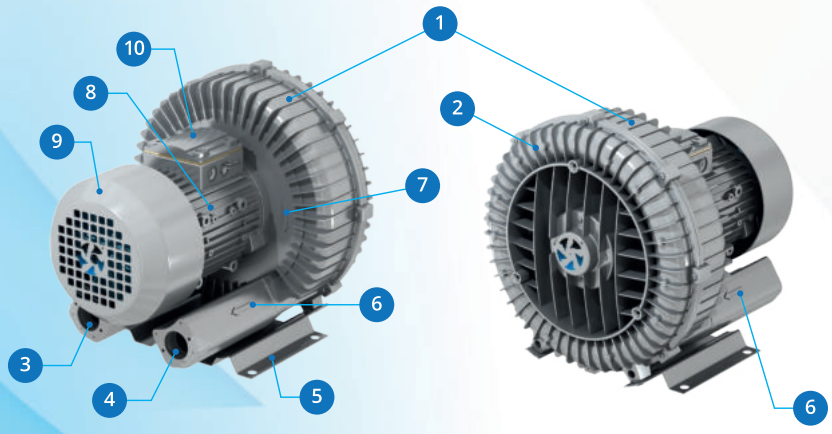
Other voltage ranges						
50 Hz	50 Hz Voltage range	60 Hz Voltage range	86 Hz(5000 rpm)	100 Hz(6000 rpm)	PW-3366	□
3 IE2/						
200 V D/345 V Y 500 V Y 230 V D/400 V Y 400 V D/690 V Y	180-240 V D /310-415 V Y 450-550 V Y 200-260 V D /350-450 V Y 350-450 V D /610-725 V Y	200...275 V D/345...480 V Y 520...600 V Y 230...290 V D/400...500 V Y 400...500 V D/690...725 V Y	------- ------- 400 V D -------	400 V D ------- ------- -------		T T T T 1 3 6 7

3) Performance can different if standard motors are used.Please refer to corresponding data sheets.

Changes in particular the quoted performance curve, datas and weights without prior notice. The figures are without obligations.

PUMPOWER®

BLOWER INDUSTRIAL

- Fabricados con tecnología alemana.
- Equipos de caudal - alto flujo de aire [2.500 m^3/h].
- Equipos de alta presión [1.000 mBar].
- Libre de mantenimiento.
- Niveles de ruido bajo.
- Rodamientos originales de alta calidad.
- Funcionamiento libre de aceites, aire limpio.
- Fácil instalación.
- Precio competitivo.
- Diferentes diseños incluyendo una etapa, dos etapas y tres etapas.
- Garantía Amplia.
- Diferentes tipos de conexión: monofásica 110V - 220V, trifásica 220V - 440V.
- Algunas aplicaciones:
  - Oxigenación en estanques diseñados para la piscicultura, acuicultura y/o afines, en tierra y/o geomembrana.
  - Aireación y extracción de gases en la minería.
  - Secado de pintura automotriz.
  - Aspiradoras industriales para lavaderos de carros.
  - Oxigenación en plantas de tratamiento de aguas residuales.
  - Secado de papel.
  - Entre otros.

1. Tapa posterior del Blower.
2. Tapa delantera del Blower.
3. Conexión - ducto de succión/vacío.
4. Conexión - ducto de descarga/presión.
5. Base para instalación.
6. Flecha de dirección del transporte del fluido.
7. Flecha que indica el sentido de rotación.
8. Motor asíncrono.
9. Tapa del ventilador.
10. Caja de bornes/terminales.