

Vacuum pumps

Water-ring pumps EVE-WR



Water ring pumps EVE-WR

Our highlights...

- Vacuum pump in the form of a water ring pump
- Non-contact compression
- Internal water cooling permits contin. operat. at high loads
- Wide range of models with various outputs
- With water-inlet regulation as standard

Your advantages...

- > Robust and maintenance-free design for the highest demands with respect to the surrounding air and the ambient temperature, such as in the foodstuffs industry
- > Needs no lubrication, no replacement of parts and no regular maintenance
- > Partic. suitable for lifting and holding loads for long periods
- > The inlet volume flow rate can be adjusted to meet customer requirements
- > Permits maintenance-free operation

Applications

- Designed especially for applications with high demands with respect to the surrounding air and ambient temperature
- For use in handling and packing tasks in the foodstuffs sector
- Suitable for continuous operation at high outputs without additional overload protection

Construction

- Water ring pump with internal drying of the exhaust air and water recovery
- Three-phase drive motor
- Multi-vane compressor with very little vibration and constant output with little pulsation, complete with inlet regulator for controlled water input
- Hard-wearing, replaceable sealing elements in the pump body
- Inlet regulator for water-level control



Suitability for branch-specific applications

Designation code Water-ring pumps EVE-WR

Short designation	Pump type	Suction capacity in m³/h	Supply voltage
Example: EVE	WR	25	AC3
EVE	WR...water ring	25 45 65	AC3...three-phase

Ordering data Water-ring pumps EVE-WR

Type	Article No.
EVE-WR 25 AC3	10.03.05.00014
EVE-WR 45 AC3	10.03.05.00015
EVE-WR 65 AC3	10.03.05.00016

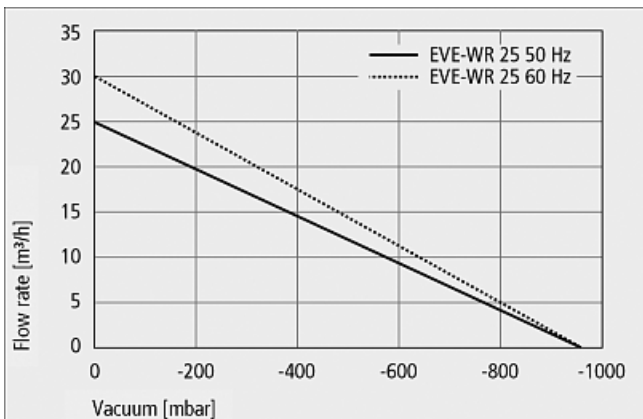
Ordering data accessories Water-ring pumps EVE-WR

Type	additional filter	Motor protection switch
EVE-WR 25 AC3	10.07.01.00108	10.04.04.00078
EVE-WR 45 AC3	10.07.01.00109	10.04.04.00094
EVE-WR 65 AC3	10.07.01.00109	10.04.04.00095

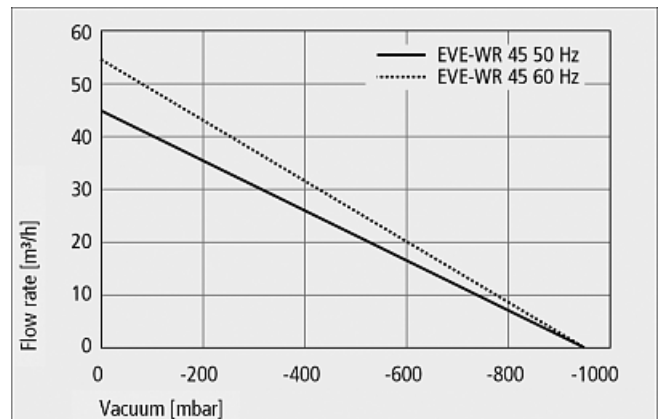
Technical data Water-ring pumps EVE-WR

Type	Max. vacuum [mbar]	Suction rate at 50 Hz [m ³ /h]	Voltage at 50 Hz	Voltage at 60 Hz	Current range (50 Hz)	Current range (60 Hz)	Rated power [kW] at 50 Hz	Rated power [kW] at 60 Hz	Protection IP	Weight [kg]	Noise level at 50 Hz [db(A)]
EVE-WR 25 AC3	-930	25	200-240V or 345-420V	200-275V or 345-480V	5,0A or 2,9A	5,0A or 2,9A	0,8	0,8	IP 54	38	63
EVE-WR 45 AC3	-930	45	200-240V or 345-420V	200-275V or 345-480V	9,5A or 5,5A	9,5A or 5,5A	1,2	1,2	IP 54	55	67
EVE-WR 65 AC3	-930	65	200-240V or 345-420V	200-275V or 345-480V	16,6A or 9,6A	16,6A or 9,6A	2,4	2,4	IP 54	68	70

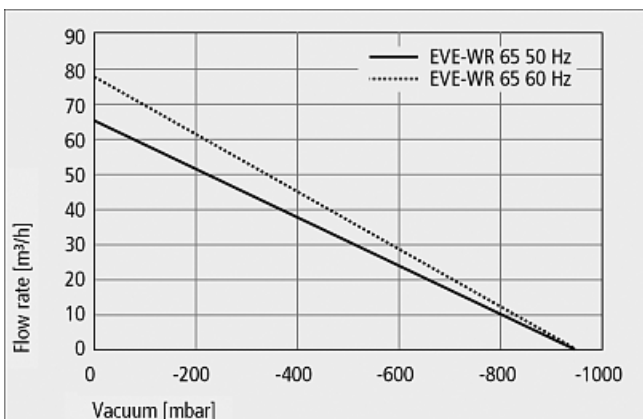
Performance data Water-ring pumps EVE-WR



Suction capacity at various degrees of evacuation



Suction capacity at various degrees of evacuation



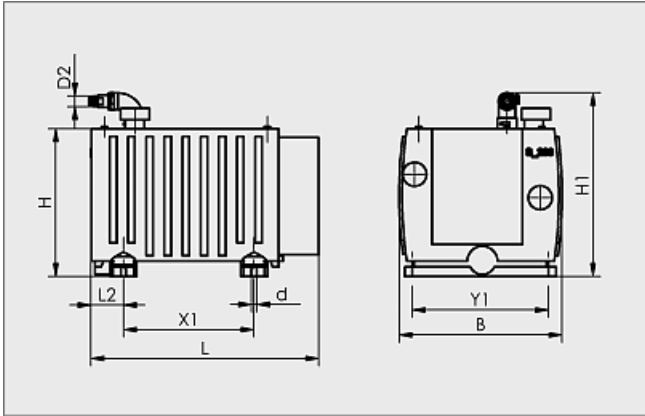
Suction capacity at various degrees of evacuation

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Design data Water-ring pumps EVE-WR



EVE-WR 25 to 65

Type	Dimensions in mm								
	B	d	D2	H	H1	L	L2	X1	Y1
EVE-WR 25 AC3	432	14	30	390	486	602	85	345	370
EVE-WR 45 AC3	572	14	50	436	553	744	85	450	495
EVE-WR 65 AC3	572	14	50	436	553	764	85	450	495