

TYR WT 0100-0730 CP

Rotary lobe blowers



VACUUM SOLUTIONS

Part of the **BUSCH** GROUP



Efficient

Effective compression and gas transport, flow-optimized blower stages, low energy consumption, minimized operating costs, minimal maintenance

Quiet

Innovative noise reduction concept, integrated inlet and outlet silencers

Robust

Durable construction, contact-free operating principle, base frame with forklift slots for easy handling

Accessories, spare parts and options

- Non-return valve
- Rubber and stainless steel expansion joints
- Electronic filter monitoring
- Temperature monitoring device
- Oil temperature sensors
- Nickel coating of stage
- V-belt guard for versions with acoustic enclosure
- Oil filler unit
- Resonance pulsation silencer
- Water cooling system (water-air or water-water)
- External control cabinet
- Acoustic enclosure (optionally with all-weather finish for outdoor applications)
- Reactive inlet and outlet silencers
- Door switch
- C4 corrosion protection version
- Labyrinth seal in stainless steel

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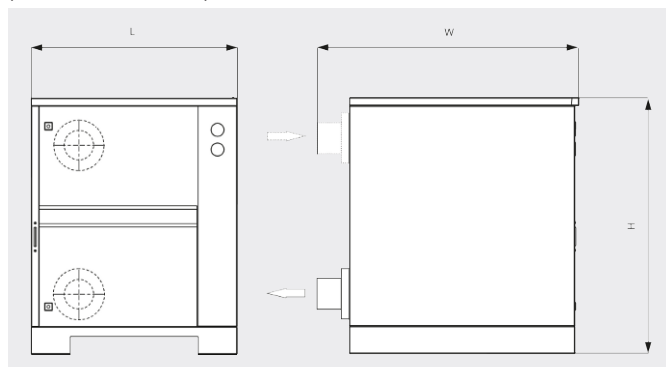
Rotary lobe blowers



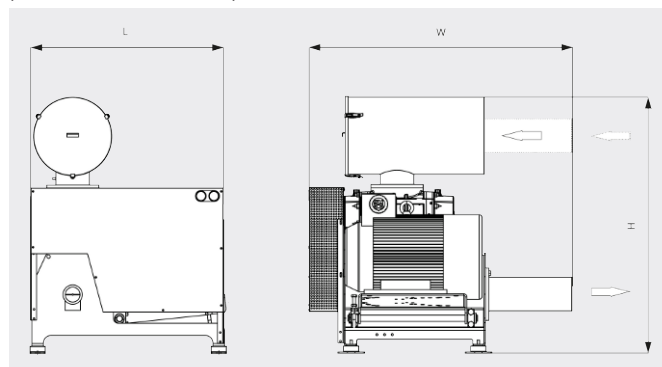
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Dimensional drawing
(with acoustic enclosure)



Dimensional drawing
(without acoustic enclosure)



	TYR WT 0100 CP	TYR WT 0150 CP	TYR WT 0280 CP
Volume flow	152 – 535 m ³ /h	480 – 808 m ³ /h	698 – 1355 m ³ /h
Max. differential pressure	+1000 mbar	+1000 mbar	+1000 mbar
Nominal motor rating	18.5 kW	30.0 kW	45.0 kW
Blower speed	4700 min ⁻¹	4700 min ⁻¹	4100 min ⁻¹
Weight approx. (without/with acoustic enclosure)	180 / 295 kg	197 / 312 kg	346 / 535 kg
Dimensions (L x W x H) (without/with acoustic enclosure)	690 x 1080 x 1028 / 800 x 1157 x 1082 mm	690 x 1080 x 1028 / 800 x 1157 x 1082 mm	945 x 1218 x 1251 / 1050 x 1269 x 1302 mm
Gas inlet / outlet	Ø 114 mm	Ø 114 mm	Ø 159 mm

	TYR WT 0390 CP	TYR WT 0600 CP	TYR WT 0730 CP
Volume flow	1258 – 1793 m ³ /h	1791 – 2973 m ³ /h	2650 – 3972 m ³ /h
Max. differential pressure	+1000 mbar	+1000 mbar	+1000 mbar
Nominal motor rating	55.0 kW	90.0 kW	90.0 kW
Blower speed	4100 min ⁻¹	3500 min ⁻¹	3500 min ⁻¹
Weight approx. (without/with acoustic enclosure)	372 / 561 kg	711 / 1014 kg	750 / 1053 kg
Dimensions (L x W x H) (without/with acoustic enclosure)	945 x 1218 x 1251 / 1050 x 1269 x 1302 mm	1250 x 1705 x 1660 / 1450 x 1760 x 1732 mm	1250 x 1705 x 1660 / 1450 x 1760 x 1732 mm
Gas inlet / outlet	Ø 159 mm	Ø 219 mm	Ø 219 mm

DO YOU WANT TO KNOW MORE?

Get in touch with us directly!
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