

Wonchang Vacuum Pump

원창진공펌프

- Oil Sealed Rotary Vane
- Dry Rotary Vane
- Hook & Claw Vacuum & Pressure
- Vacuum Systems



VCX SERIES Claw Vacuum Pumps

VCX- 80



Dry Running - Oil Free – Contact Free Design

- **Simple Modular Construction**
- **Air cooled & Direct Driven**
- **Low maintenance – No wear**
- **High Efficiency – Continuous Duty**

Applications:

Packaging, CNC Routing, Wood Works, Pneumatic Conveying, Holding & Lifting, Pick and Place, Medical & Lab., Plastics Industries, Central Vacuum Systems.

Safety: CE certified (DOC)

General Description:

The VCX Series pumps are dry contact-less vacuum pumps with modular constructions consisting of compartments: pumping and gear chambers are separated by using labyrinth seals. As two claws rotate in opposite direction, the air will be sucked in the pumping chamber, compressed and discharged under pressure. In gear chamber, two gears for synchronizing of claws rotation will be placed with appropriate oil lubrication. A built in anti-suck back valve installed in inlet flange will prevent the air from flowing back into the vacuum chamber when the pump is shutdown. The pumps are directly driven by a flanged motor via a coupling.

Specifications:

Model		VCX 80
M3/ Hour	60Hz	90
	50Hz	75
Ulti. Va. Max.	Torr	37.5 (50mbar abs)
Ulti. Va. Conti.	Torr	37.5 (50mbar abs)
Kw	60Hz	2.2
	50Hz	1.5
RPM (motor)	60/50Hz	3450 / 2850
Voltage Available		208~230/460V, 220~240 / 380~420V
dB(A), Max +- 3 tolerance	60Hz	70
	50Hz	68
Oil Capa (Gear box)	Ltr	0.7
Inlet / Outlet Conn.	**BSP(G)	1-1/4" / 1"
W x H (mm)		340 x 461
L* (mm)	60Hz	716
	50Hz	691
Amb. Operating Temp.	(°C)	5°C ~40°C
Accessories	Non Return Valve, Exhaust Silencer(Cast Iron)	

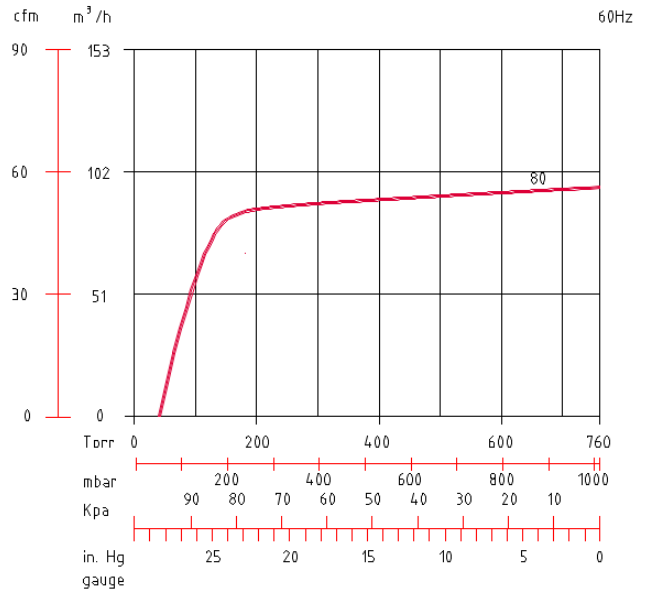
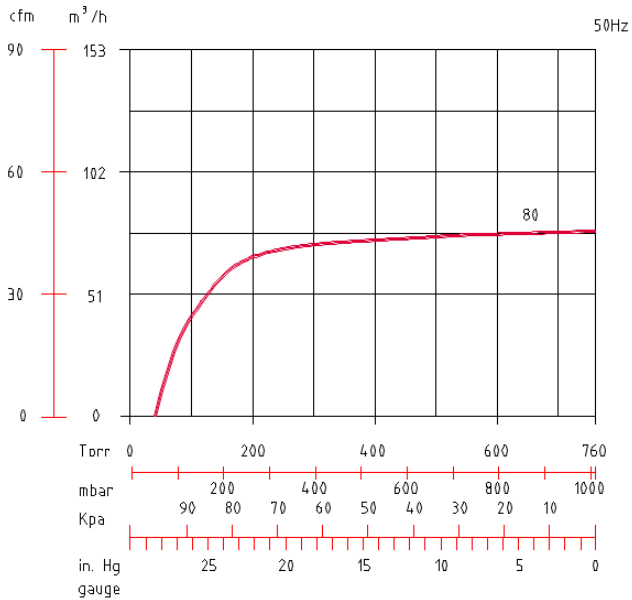
Note: 1) * Length varies to motor mfg 2) **NPT threads available upon request

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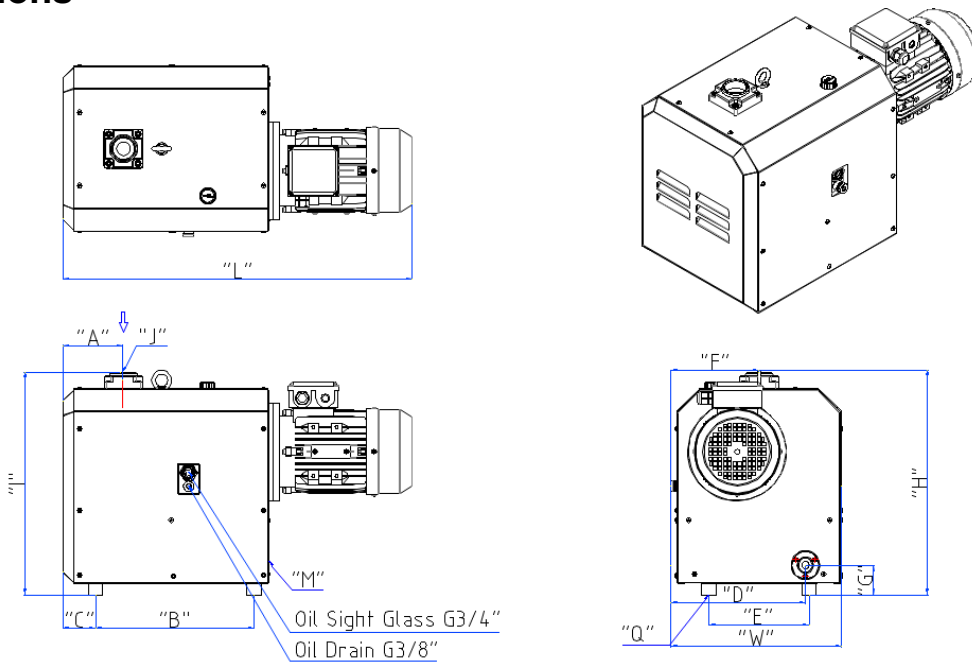


VCX- 80

Performance Curve



Dimensions



Dimensions(mm)		L	W	H	A	B	C	D	E	F	G	I	J	M	Q
VCX-80	1.5Kw/2.2Kw	691/716	350	460	122	325	66	276	205	181	61	456	1-1/4"	1"	M8 Tap



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