

**VCX
SERIES
Claw Vacuum Pumps**



VCX- 60, 100, 150, 250, 300, 400 & 505

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:

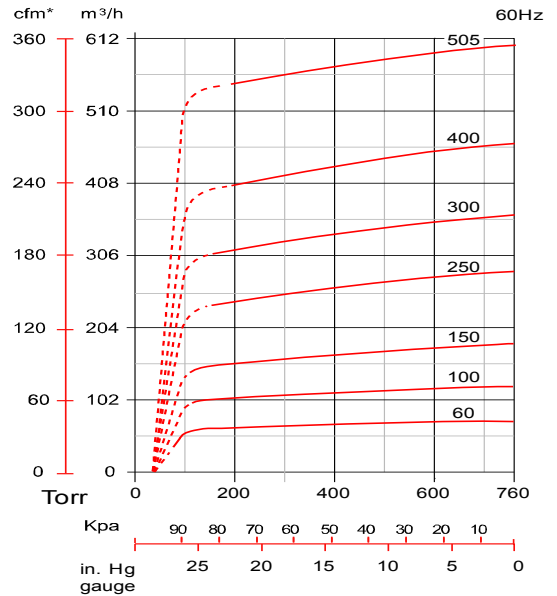
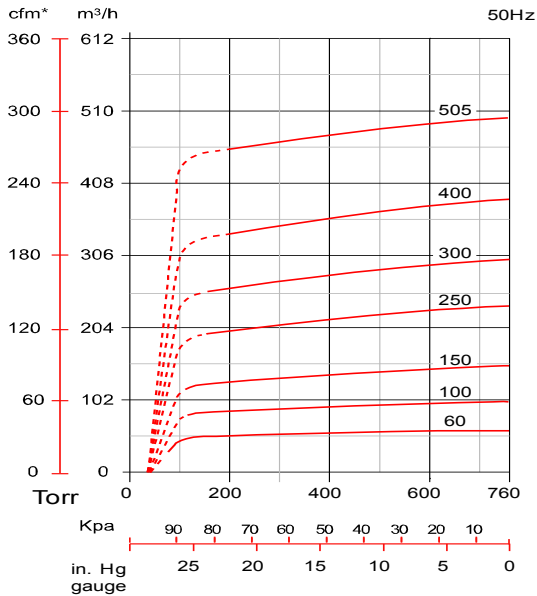
Model		VCX 60	VCX 100	VCX 150	VCX 250	VCX 300	VCX 400	VCX 505
M3/ Hour	60Hz	60	120	180	282	360	462	600
	50Hz	72	100	150	234	300	385	500
Ulti. Va. Max.	Torr	722 Torr gage (50mbar abs)						
Ulti. Va. Conti.	Torr	685	640		610		580	
Kw	60Hz	1.5	2.6	3.6	4.8	6.6	9	11
	50Hz	1.1	2.2	3	4	5.5	7.5	9
RPM	60/50Hz	3450/2850						
Voltage Available		208~230/460V, 220~240 /380~420V, 400/690V						
dB(A), Max +/- 3 tolerance	60Hz	80	82	82	82	83	85	85
	50Hz	78	80	81	80	82	83	84
Oil Capa (Gear box)	Ltr	0.5			0.85			
Inlet / Outlet Conn.	**BSP(G)	1"	1-1/2"		2"		3"	
L* x W x H (mm)	60Hz	726x362x360	698x525x368	751x525x368	901x698x524	916x698x524	1039 x899x 544	1230 x899x 544
	50Hz	704x362x360			884x698x524		1001x899x 544	1058x899x 544
Amb. Operating Temp.	(°C)	5°C ~40°C						
Approx. *Weight (Kg).	60Hz	60	113	125	224	228	312	317
	50Hz	55	108	121	218	235	280	285
Accessories		Non Return Valve, Vacuum Regulator, Exhaust Silencer						

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

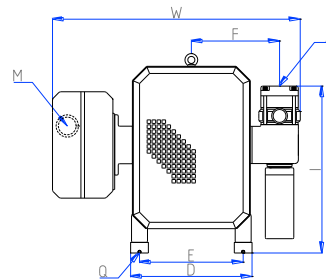
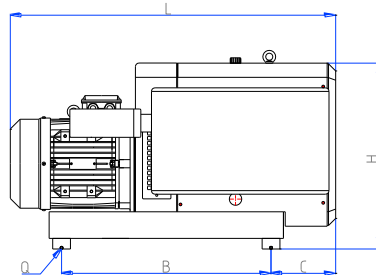
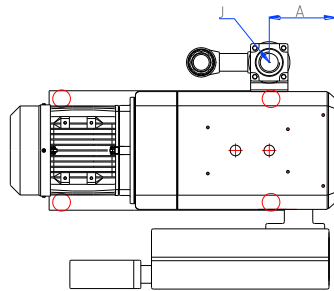
VCX SERIES Claw Vacuum Pumps



VCX- 60, 100, 150, 250, 300, 400 & 505 Performance Curve



Dimensions



DIMENSIONS	L	W	H	B	C	E	D	F	A	I	J	M	Q
VCX-60 (1.1, 1.5Kw)	704/726	322	312	246	184	144	226	181	152	235	1"	1"	4x M8
VCX-100 (2.2, 3Kw)	698	525	368	440	98	224	254	201	128	334	1-1/2"	1-1/2"	4x M8
VCX-150 (3, 4Kw)	751	525	368	440	122	224	254	201	144	334	1-1/2"	1-1/2"	4x M8
VCX-250 (4, 5.5Kw)	884/901	698	524	590	167	292	342	249	180	471	2"	2"	4x M10
VCX-300 (5.5, 6.5Kw)	916	698	524	590	182	292	342	249	187	471	2"	2"	4x M10
VCX-400 (7.5, 9Kw)	1001/1039	899	544	800	133	292	372	284	205	468	3"	3"	4x M12
VCX-505 (9, 11Kw)	1058/1230	899	544	800	152	292	372	284	215	468	3"	3"	4x M12