DuoDrive

Dual-Stage, Oil-Sealed Rotary Vane Vacuum Pump

DuoDrive is a dual-stage, oil-sealed rotary vane vacuum pump equipped with a traditional AC motor. True to its legacy, the DuoDrive has been coined as the “workhorse” in the industrial vacuum market. Its proprietary coating protects the pump from the most demanding industrial applications.



Gas Ballast

Adjustable gas ballast allows for the different requirements of condensable gas to be exhausted.

Oil

Proprietary mineral oil included with the pump. All models can also be prepped with high performance PFPE.

Anti-Suck Back Design

Protects vacuum system from backstreaming oil contamination in the event of an unexpected shut down.



DD65

Corrosion Resistant

DuoDrive Series DD48 and DD65 are designed with a proprietary coating to perform in corrosive applications.

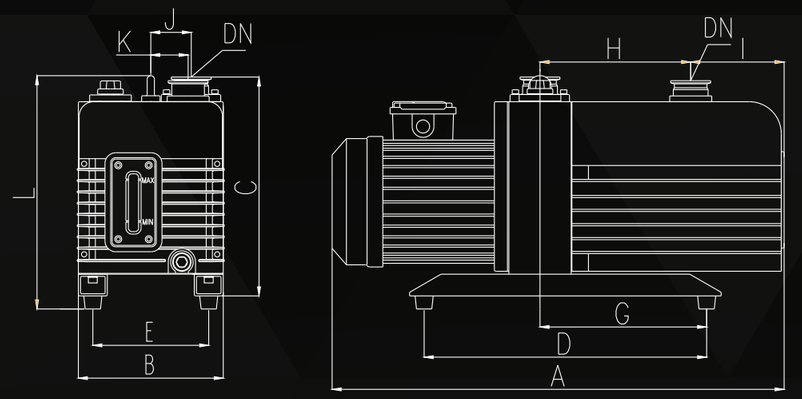
NAVAC

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SPEC		DD48	DD65	DD90
Pumping Speed (50/60Hz)	m^3/h (CFM)	48 (28) / 56 (33)	65 (38) / 78 (46)	85 (47) / 90 (53)
Ultimate Pressure with Gas Ballast Closed	mbar (Torr)	$2x10^{-3}$ ($1.5x10^{-3}$)	$2x10^{-3}$ ($1.5x10^{-3}$)	$2x10^{-3}$ ($1.5x10^{-3}$)
Ultimate Pressure with Gas Ballast I	mbar (Torr)	$3x10^{-2}$ ($2.3x10^{-2}$)	$3x10^{-2}$ ($2.3x10^{-2}$)	$3x10^{-2}$ ($2.3x10^{-2}$)
Ultimate Pressure with Gas Ballast II	mbar (Torr)	$6x10^{-2}$ ($4.6x10^{-2}$)	$6x10^{-2}$ ($4.6x10^{-2}$)	$6x10^{-2}$ ($4.6x10^{-2}$)
Power Supply		Three Phase, 220-230VAC-Δ/460VAC-Y 60Hz / 380-415VAC-Y 50Hz		
Power Rating	kW	1.5	2.2	3
IP Level		IP44	IP44	IP44
Motor Speed (50/60Hz)	rpm	1440/1720	1440/1720	1440/1720
Inlet/Outlet		KF40	KF40	KF40
Oil Capacity	L	4.5	4.5	4.5
Noise Level (50/60Hz)	dB	≤62/68	≤62/68	≤65/71
Weight	lbs	136.7	143.3	143.3
Dimentions (L*W*H)	in	28.7x9.2x14	28.7x9.2x14	28.7x9.2x14

Dimensions



Unit: inch

Model	A	B	C	D	E	G	H	I	J	K	L	Inlet	Outlet
DD48	28.7	9.2	14.1	15.6	7.5	7.9	8.8	6.2	2.7	2.2	15.4	KF40	KF40
DD65	28.7	9.2	14.1	15.6	7.5	7.9	8.8	6.2	2.7	2.2	15.4	KF40	KF40
DD90	28.7	9.2	14.1	15.6	7.5	7.9	8.8	6.2	2.7	2.2	15.4	KF40	KF40