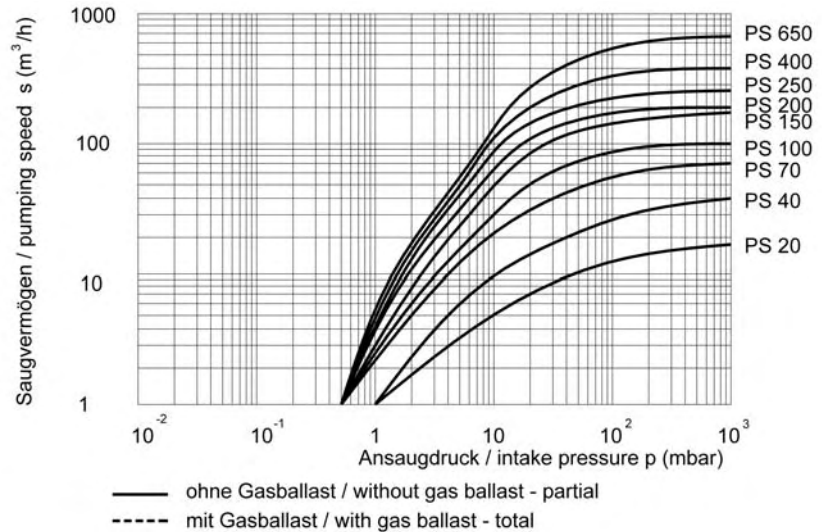


One-stage Rotary Vane Pumps, Type PS 20 - PS 650

The robust rotary vane pumps of the PS-series are well suited for applications in the rough vacuum range. Recommended for routine use in industry as well as for research and development. The highly reproducible CNC manufacturing process guarantees production of high precision components. The PS-series is constructed for continuous operation.

Special characteristics:

- suction pressure range 0.5 (1) - 1000 mbar
- high pumping speed
- quiet running
- low noise level depending on type 63 - 80 dB(A)
- reliable air cooling
- functional and safe, even in continuous operation
- low maintenance requirements
- motors acc. to IEC-standard



Scope of delivery:

Rotary vane pump with integrated exhaust filter and anti-suck back valve, oil charging, centering ring and clamping ring, without motor protection and mains connection cable.

The pump must be installed by an electrician.

Technical Features

Typ	Ultimate pressure w/o gas ballast total mbar	Pumping speed pneurop 50 Hz		Dimensions (W/D/H) mm	Weight kg	Motor power W	Oil charge ml	Connections suction/ pressure side
		m ³ /h	l/min					
PS 20	1.0	18	300	245/338/219	20	550	1000	DN 25 KF
PS 40	1.0	40	667	300/485/285	38	1500	1000	DN 40 KF
PS 70	0.5	70	1167	374/800/380	65	2400	2000	DN 40 KF
PS 100	0.5	100	1667	374/850/380	77	2400	2000	DN 63 ISO-K
PS 150	0.5	160	2667	531/970/480	135	4000	7000	DN 63 ISO-K
PS 200	0.5	190	3167	513/1070/480	158	5500	7000	DN 63 ISO-K
PS 250	0.5	240	4000	531/1160/480	181	7800	7000	DN 63 ISO-K
PS 400	0.5	400	6667	672/1392/565	400	11000	14000	DN 100 ISO-K
PS 650	0.5	630	10500	682/1610/565	525	15000	14000	DN 100 ISO-K

Ordering Information

Type	Mains supply V / Hz	Mandatory accessories Connection cable	PU pcs.	Order-No.
PS 20	230 / 50 CEE	no	1	301861
PS 20	3x230/400 / 50/60	no	1	301851
PS 40	230 / 50 CEE	no	1	301862
PS 40	3x230/400 / 50/60	no	1	301852
PS 70	3x230/400 / 50/60	no	1	301853
PS 100	3x230/400 / 50/60	no	1	301854
PS 150	3x230/400 / 50/60	no	1	301855
PS 200	3x230/400 / 50/60	no	1	301856
PS 250	3x400/690 / 50/60	no	1	301857
PS 400	3x400/690 / 50/60	no	1	301858
PS 650	3x400/690 / 50/60	no	1	301859

