

# VACUUM PUMP

DIRECT DRIVE VANE TYPE



BELT VANE TYPE



BELT-PISTON TYPE



## Specification of direct drive vane type

Model No		Unit	D5A	D10A	D20A	D35A	D55A	D85A
Displacement Speed		M <sup>3</sup> /h	5.9	11.9	22.7	35.9	58.1	89.9
		L/min	100	200	380	600	970	1500
Ultimate Pressure	Without gasballast	Mbar	5 $\mu$ 10-4	5 $\mu$ 10-4	5 $\mu$ 10-4	5 $\mu$ 10-4	5 $\mu$ 10-4	5 $\mu$ 10-4
	With gasballast	Mbar	5 $\mu$ 10-3	5 $\mu$ 10-3	5 $\mu$ 10-3	5 $\mu$ 10-3	5 $\mu$ 10-3	5 $\mu$ 10-3
Motor Power		Kw	0.4	0.4	0.75	0.75	2.2	2.2
Oil Filling min/max		L	0.4/0.8	0.5/1	0.6/1.2	0.7/1.4	3.5	4.5
Rotational Speed of Pump		R.P.M	1750	1750	1750	1750	1750	1750
Intake port		DN	16KF	16KF	25KF	25KF	VG50	VG50
Exhaust Port		DN	16KF	16KF	25KF	25KF	VG40	VG40
Weight		Kg	17	23	32	36	107	120

## Specification of belt vane type

Model No		WSVP 9018	WSVP 9030	WSVP 9060
Displacement speed L/min	60Hz	180	300	600
	With gasballast	1 $\mu$ 10-2	1 $\mu$ 10-2	1 $\mu$ 10-2
Ultimate pressure Torr	Without gasballast	5 $\mu$ 10-4	5 $\mu$ 10-4	5 $\mu$ 10-4
Inlet Port(mm)		32	32	46
Outlet Port		PF1	PF11/4	PF11/2
Power requirements (Kw)		0.4	0.75	0.75
Rotational speed (R.P.M)		600	600	600
Oil capacity (L)		1.8	2.2	4
Weight (including motor) kg		32(50)	35(60)	51(80)

## Specification of belt piston type

Model No	WSSR-1.5K	WSSR-2.5K	WSSR-4.5K	WSSR-7.5K	WSDR-15K
Displacement Speed ( L/ min)	1500	2500	4500	7500	15000
Ultimate pressure	5 $\mu$ 10-3	5 $\mu$ 10-3	5 $\mu$ 10-3	5 $\mu$ 10-3	5 $\mu$ 10-3
Inlet port	VG50	VG80	VG80	VG100	VG150
Outlet port	VF50	VF65	VF80	VF100	VF125
Power requirements (Kw)	2.2	3.7	7.5	11	22
Rotational speed (R.P.M)	400	440	420	380	370
Oil capacity (L)	5	6	10	20	55
Weight(including motor) kg	265(297)	342(380)	444(518)	742(849)	900(1120)

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