



	DN	DN1	a	b	Ød	Ød1	h	h1	α	α1
DIVAC 12 000 (mm)	500 ISO-K	100 ISO-K	420	713	550	509	1010	470	45°	30°

Technical Data

DIVAC 12 000

High vacuum / forevacuum connection	DN	500 ISO-K / 100 ISO-K
Pumping speed for air below 1×10^{-4} mbar	l x s^{-1}	12 000
Operating range	mbar (Torr)	$< 10^{-2}$ to 10^{-7} (0.75×10^{-2} to 0.75×10^{-7})
Ultimate total pressure	mbar (Torr)	$< 5.0 \times 10^{-7}$ (3.75×10^{-7})
Max. permissible forevacuum pressure	mbar (Torr)	6.0×10^{-1} (4.5×10^{-1})
Pump fluid filling, min. / max.	l (qts)	2.4 / 5.3 (2.5 / 5.6)
Mains connection: Standard EURO, 50 Hz	V	400 ~ 3 Ph Y
Heating power	kW	7.2
Number of heating cartridges		9
Heating up time	min	< 25
Cooling water (minimum)		
for pump	l x h^{-1} (gal/min)	500 (2.2)
for cold cap baffle	l x h^{-1} (gal/min)	50 (0.22)
max. supply pressure	bar (psig)	6 (87)
Number of cooling circuits (including cold cap baffle)		2
Cooling water connection		
for pump	G (BPS)	1/2"
for cold cap baffle	G (BPS)	3/8"
Weight, approx.	kg (lbs)	102 (225)
Recommended backing pump ¹⁾		
at operating pressures $> 10^{-4}$ mbar ($> 0.75 \times 10^{-4}$ Torr)		RPVAC 200 D + ROVAC 500
at operating pressures $< 10^{-4}$ mbar ($< 0.75 \times 10^{-4}$ Torr)		RVVAC 65 D + ROVAC 250

Ordering Information

DIVAC 12 000

Part No.

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¹⁾ می توان از پمپ Rotary Vane تک یا دو مرحله ای (سری RVVAC S یا RVVAC D) و یا پمپ Rotary Piston (سری RPVAC S یا RPVAC D) به همراه پمپ Roots (سری ROVAC) در پکیج پمپ استفاده کرد.