



	DN	DN1	a	b	Ød	Ød1	d2	d3	h	h1	α
DIVAC 30 000 (mm)	800 ISO-F	160 ISO-K	600	1034	920	808	890	14	1460	870	30°

Technical Data

DIVAC 30 000

High vacuum / forevacuum connection	DN	800 ISO-F / 160 ISO-K
Pumping speed for air below 1×10^{-4} mbar	$l \times s^{-1}$	30 000
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)	7.0 / 15.0 (7.4 / 15.9)
Mains connection: Standard EURO, 50 Hz	V	400 ~ 3 Ph Y
Heating power	kW	18
Number of heating cartridges		18
Heating up time	min	< 30
Cooling water (minimum)		
for pump	$l \times h^{-1}$ (gal/min)	900 (4.0)
for cold cap baffle	$l \times h^{-1}$ (gal/min)	80 (0.35)
max. supply pressure	bar (psig)	6 (87)
Number of cooling circuits (including cold cap baffle)		3
Cooling water connection		
for pump	G (BPS)	1/2"
for cold cap baffle	G (BPS)	3/8"
Weight, approx.	kg (lbs)	296 (653)
Recommended backing pump ¹⁾		
at operating pressures $> 10^{-4}$ mbar ($> 0.75 \times 10^{-4}$ Torr)		RVVAC 300 S + ROVAC 1000
at operating pressures $< 10^{-4}$ mbar ($< 0.75 \times 10^{-4}$ Torr)		RPVAC 200 D + ROVAC 250

Ordering Information

DIVAC 30 000

Part No.

P 222 35

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.