



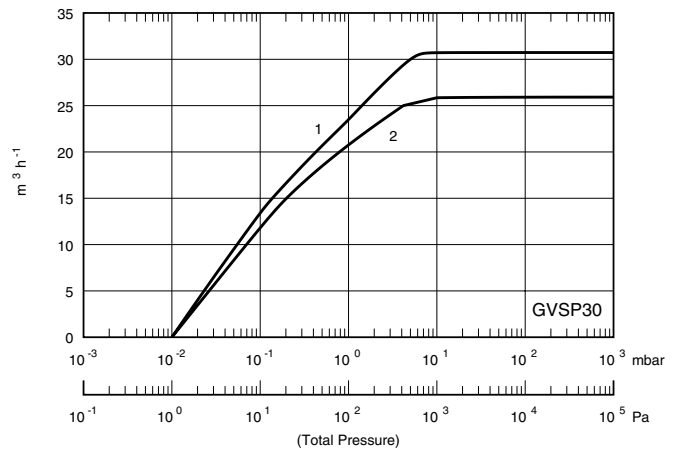
The GVSP30 replaces the ESDP30A and the ESDP30. It has a gas ballast facility and a new position for the exhaust outlet port (which allows any condensates to drain from the pump).

APPLICATIONS

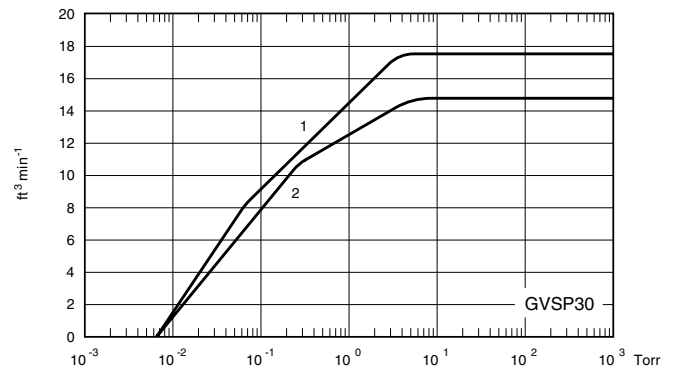
- Scanning electron microscopes
- Ion implanters (beamline and end stations)
- General clean pumping applications
- Sputtering

TECHNICAL DATA

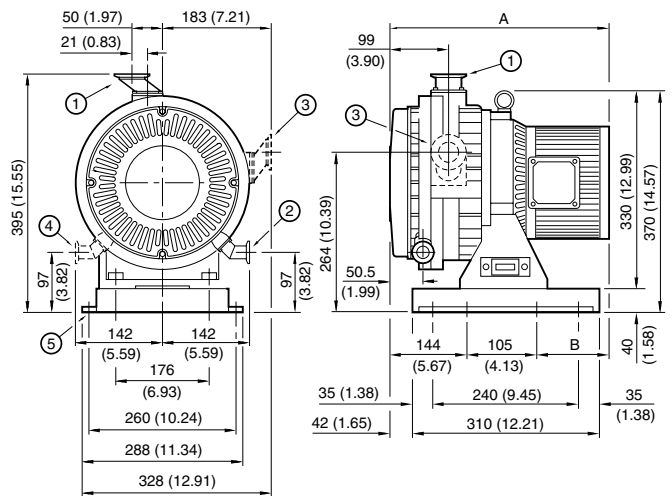
Displacement		
50 Hz	30 m ³ h ⁻¹ / 17.6 ft ³ min ⁻¹	
60 Hz	36 m ³ h ⁻¹ / 21.2 ft ³ min ⁻¹	
Peak pumping speed		
50 Hz	25 m ³ h ⁻¹ / 16.1 ft ³ min ⁻¹	
60 Hz	30 m ³ h ⁻¹ / 17.6 ft ³ min ⁻¹	
Ultimate total vacuum	1 x 10 ⁻² mbar / 7.5 x 10 ⁻³ Torr	
Inlet connection	NW40	
Outlet connection	NW25	
Maximum allowed inlet pressure	1000 mbar	
Maximum allowed outlet pressure	1150 mbar	
Motor power	0.6 kW	
Electrical supply		
1-phase, 50Hz	100/200/230 V	
1-phase, 60Hz	100/115/200/230 V	
3-phase, 50Hz	200/380/415 V	
3-phase, 60Hz	200/208/230/460 V	
Recommended contactor rating, 3-ph		
200-230 V	5 A	
380-460 V	3 A	
Enclosure rating	IP44	
Leak tightness (static)	10 ⁻⁴ mbar l s ⁻¹	
Operating temperature range	5 to 40 °C / 41 to 104 °C	
Weight		
3-phase pump	40 kg / 88 lbs	
1-phase pump	46 kg / 101 lbs	



1 60Hz 2 50Hz



1 60Hz 2 50Hz



- 1 Inlet-port (NW40)
 - 2 Outlet-port (NW25)
 - 3 Alternative inlet
 - 4 Alternative outlet
 - 5 4 mounting holes for M8 bolts
- A** = 443 (1-phase), 372 (3-phase)
B = 194 (1-phase), 123 (3-phase)

ORDERING INFORMATION

PRODUCT DESCRIPTION	ORDERING NUMBER
GVSP30 1-phase	A710-04-909
GVSP30 3-phase	A710-04-907
SPARES	ORDERING NUMBER
Tip seals kit	A710-04-026
Minor service kit	A710-04-821
Major service kit	A710-04-800
Major service tool kit	A710-03-025
ACCESSORIES	ORDERING NUMBER
Vibration isolators (pack of 4)	A248-01-404