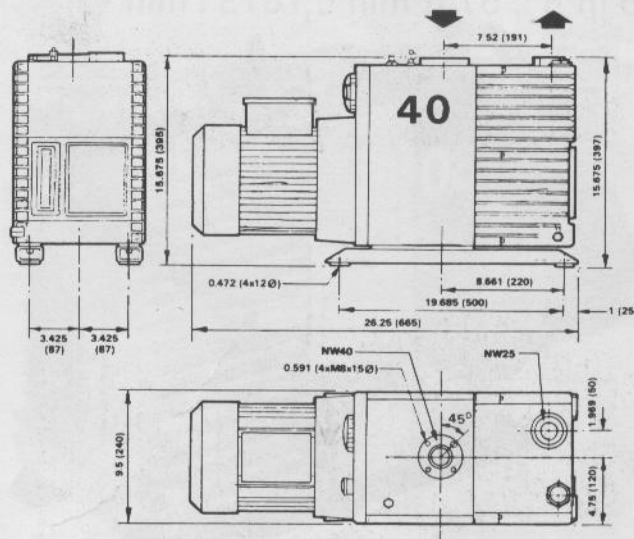


E1M40 single stage
E2M40 double stage
Standard and hermetically
sealed (HS) versions
50.5m³h⁻¹, 30 ft³ min⁻¹, 845 l min⁻¹



Technical Data	E1M40	E2M40
Displacement (swept volume) 60 Hz	30 cfm	30 cfm
Speed (Pneurop) 60 Hz	26 cfm	26 cfm
Ultimate vacuum (partial pressure)		
without gas ballast	3.75×10^{-2} torr	0.75×10^{-5} torr
with gas ballast	3×10^{-1} torr	3.75×10^{-3} torr
Inlet connection	NW40	
Outlet connection	25 mm flange suitable for NW25	
Maximum inlet pressure		
for water vapor	30 torr	5 torr
Maximum water vapor pumping rate	2.42 lb h ⁻¹	0.44 lb h ⁻¹
Weight	155 lb	158 lb
Motor 60 Hz 4-pole	1.5 kW	1.5 kW
Oil capacity		
(std) –maximum	4.6 liters	4.07 liters
minimum	2.2 liters	2.2 liters
(PFPE)–maximum	—	3.05 liters
minimum	—	1.32 liters
Recommended Edwards oil		Supergrade A
Casing leak tightness (HS versions only)		< 10 ⁻⁶ torr l s ⁻¹

Product description	E1M40	E2M40
Pump 230 V or 460 V 3.ph 60 Hz	A344-02-982	A364-02-982
PFPE version	—	A364-11-982F
HS version of above	—	A364-05-982
Vibration isolators (set of four)	A248-01-405	A248-01-405

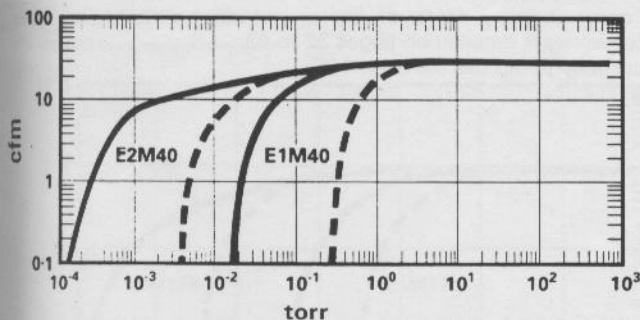
(Supergrade A oil, NW40 O-Ring and centring ring, ISO 40 °C clamp, bolts, washers, 28 mm external diameter coupling tube and compression sleeve for outlet. ISO 25 °C clamp, bolts and washers supplied with each pump)

Spares

Maintenance kit comprising blades, springs, seals, gaskets, filters and washers	A344-01-800	A364-01-800
HS version of above	—	A364-05-800
Seals kit	A344-01-820	A344-01-820
Seals kit (HS) version	—	A344-05-820
Complete interior assembly	A344-01-100	A364-01-100

Accessories

A comprehensive range of filters, protection devices and other accessories is detailed on pages 32 to 43. For rotary pump oils see page 195



--- with gas ballast
— without gas ballast