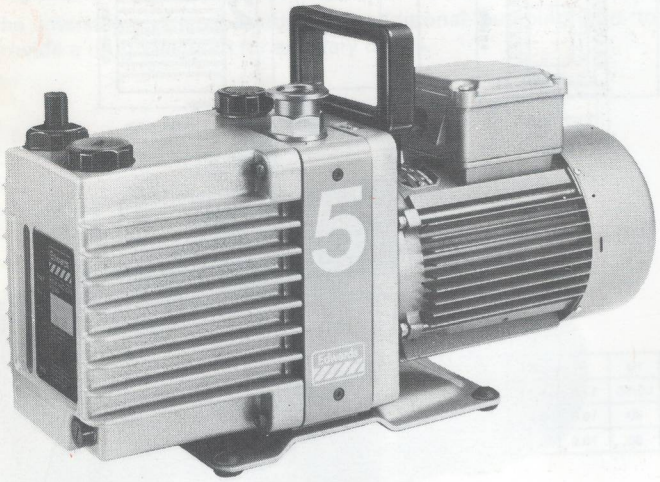
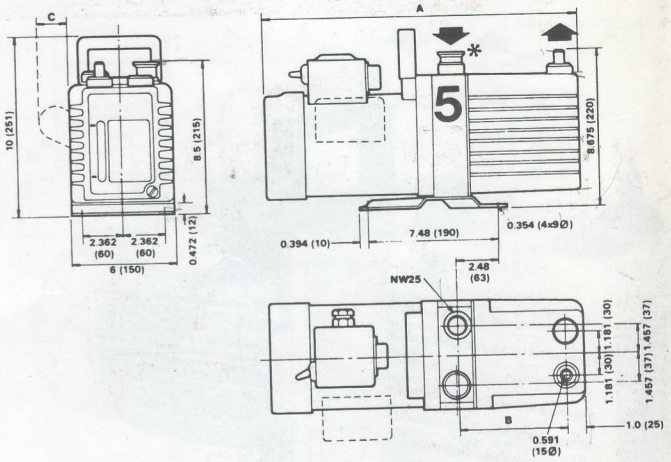
EDWARDS

E1M5 single stage
E2M5 double stage
6.7 m^3h^{-1}, 4 ft^3min^{-1}, 113 l min^{-1}

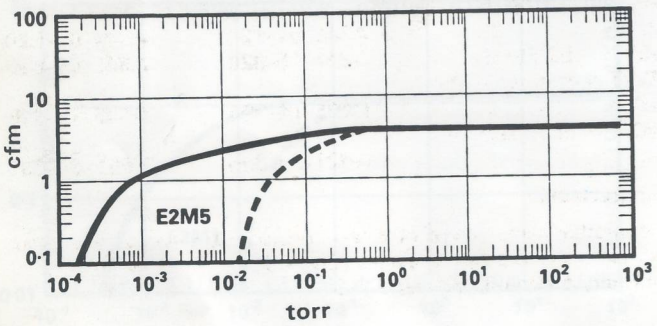




E1M5				
ph	Hz	A	B	C
1	50/60	17.8	5.16	–
3	60	16.6	5.16	–
1	60	17.8	5.16	1.8

E2M5				
ph	Hz	A	B	C
1	50/60	18.5	6.0	–
3	60	17.5	6.0	–
1	60	18.5	6.0	1.8

Technical Data	E1M5	E2M5
Displacement (swept volume) 60 Hz	4 cfm 3.5 cfm	4 cfm 3.5 cfm
Speed (Pneurop) 60 Hz		
Ultimate vacuum without gas ballast (partial pressure) without gas ballast (total pressure) with gas ballast (partial pressure)	2.25 × 10^{-2} torr — 1.5 torr	0.75 × 10^{-5} torr 0.75 × 10^{-4} torr 2.25 × 10^{-2} torr
Inlet connection	NW25 flange with 15 mm nozzle alternative	
Outlet connection	Nozzle 15 mm external diameter. Hole tapped $\frac{3}{4}$ in BSP	
Maximum inlet pressure for water vapor	26 torr	11 torr
Maximum water vapor pumping rate	0.29 lb h^{-1}	0.13 lb h^{-1}
Weight	37 lb	43 lb
Motor 60 Hz	0.25 kW	0.37 kW
Oil capacity–maximum	0.6 liter	0.55 liter
minimum	0.4 liter	0.42 liter
Recommended Edwards oil	Supergrade A	



– – – – with gas ballast
——— without gas ballast

Product description	E1M5 Ordering number	E2M Ordering numbe
Pump 115 or 230 V 1.ph 50/60 Hz	A341-02-980	A361-02-98
Pump 208/230/460 1.ph 50/60 Hz	A341-02-982	A361-02-98
Vibration isolators (set of four)	A248-01-404	A248-01-40

(Supergrade A oil, NW O-ring and centring ring, inlet nozzle, two Allen keys and spare seals f oil drain and filler plugs supplied with each pump)

Exchange/replacement service available

Spares

Maintenance kit comprising blades, springs, seals, gaskets, filters and washers	A341-01-800	A361-01-80
Seals kit	A341-01-820	A341-01-82
NW25 centring ring and O-ring	C105-14-396	C105-14-39
NW25 O-ring (pack of five)	H021-24-035	H021-24-03

Accessories

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