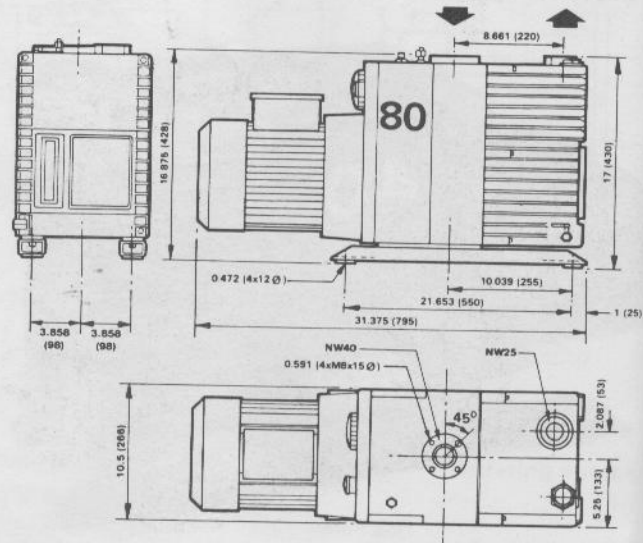
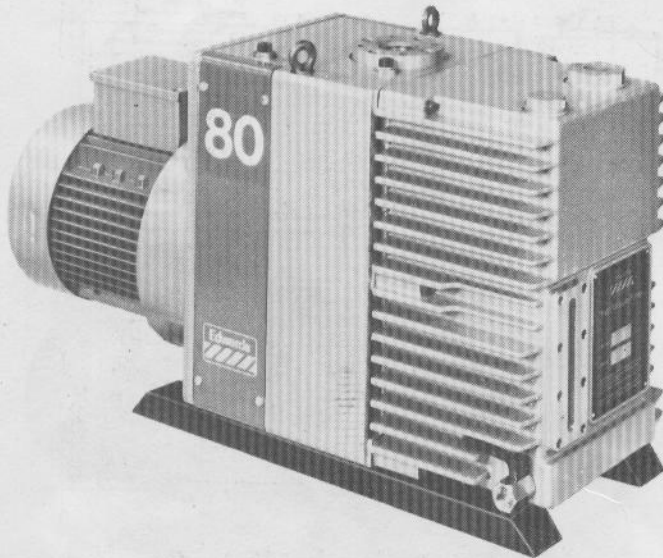


EDWARDS

E1M80 single stage
E2M80 double stage
Standard and hermetically
sealed (HS) versions
96 m³h⁻¹, 57 ft³min⁻¹, 1613 l min⁻¹



Technical Data	E1M80	E2M80
Displacement (swept volume) 60 Hz	57 cfm	57 cfm
Speed (Pneurop) 60 Hz	53 cfm	53 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	NW40
Outlet connection	25 mm flange suitable for NW25	
Maximum inlet pressure for water vapor	30 torr	5 torr
Maximum water vapor pumping rate	3.7 lb h ⁻¹	0.7 lb h ⁻¹
Weight	210 lb	230 lb
Motor 60 Hz 4-pole	3 kW	3 kW
Oil capacity (std) —maximum	7 liters	6.3 liters
minimum	4.0 liters	4.0 liters
(PFPE)—maximum	—	4.01 liters
minimum	—	2.19 liters
Recommended Edwards oil	Supergrade A	
Casing leak tightness (HS versions)	10^{-6} torr l s ⁻¹	

Product description	E1M80 Ordering number	E2M80 Ordering number
Pump 208/230/460		
3.ph 50/60 Hz	A345-02-982	A365-02-982
PFPE version	—	A365-11-982F
Vibration isolators (set of four)	A248-01-405	A248-01-405

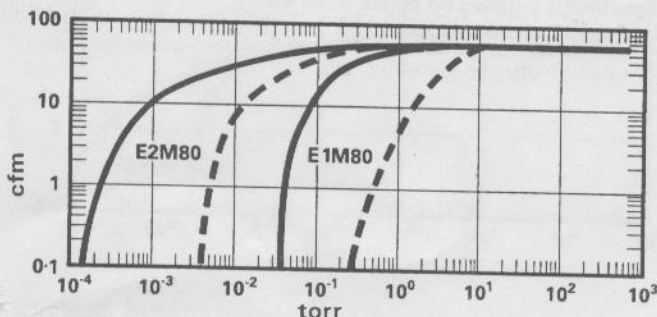
(Supergrade A oil, NW40 O-ring and centring ring, ISO 40 °C clamp, bolts, washers, 28 mm external diameter coupling tube and compression sleeve for outlet, ISO 25 °C clamp, bolts and washers are supplied with each pump)

Spares

Maintenance kit comprising blades, springs, seals, gaskets, filters and washers	A345-01-800	A365-01-800
HS version of above	—	A365-05-800
Seals kit	A345-01-820	A345-01-820
Seals kit (HS version)	—	A345-05-820
Complete interior assembly	A345-01-100	A365-01-100

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