

Energy-Saving Hydraulic Units – Equipped with Vane Pump <YM-e Pack>

Energy-saving unit equipped with the high performance variable displacement vane pump.



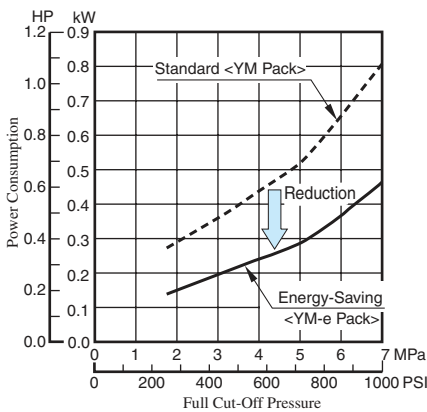
Specifications

Model Numbers	Max. Operating Pressure MPa (PSI)	Setting Range of Rotation Speed at Max. Discharge r/min	Mass (Does not include hydraulic fluid) kg (lbs.)
E-YM8-A-2-※-30	3.5 (510)	1500 – 1800	0.75 kW: 43 (94.8) 1.5 kW: 49 (108) 2.2 kW: 56 (123)
E-YM8-B-2-※-30	7.0 (1020)		
E-YM16-A-2-※-30	3.5 (510)		
E-YM16-A-2-※-30	7.0 (1020)		

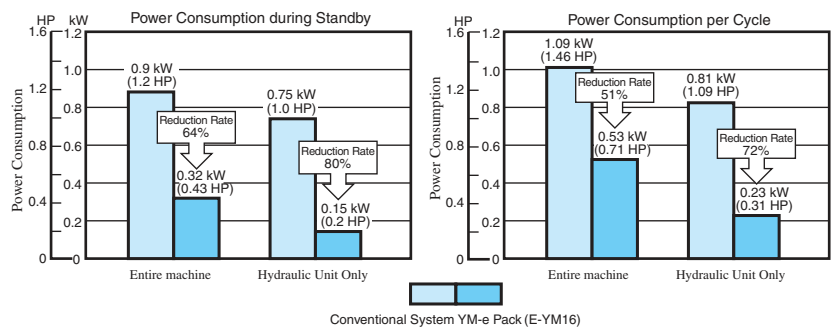
Model Number Designation

E-YM	8	-A	-2	-0.75	-30
Series Number	Geometric Displacement	Pressure Adj. Range	Reservoir Capacity	Electric Motor	Design Number
E-YM: Compact Energy-Saving Hydraulic Unit YM-e Pack	8: 8.6 cm ³ /rev (.525 cu.in./rev)	A: 1.75–3.5 MPa (255–510 PSI)	2: 20 L (5.3 Gal.)	0.75: 0.75 kW (1 HP) × 4P 1.5: 1.5 kW (2 HP) × 4P	30
		B: 3.5–7.0 MPa (510–1020 PSI)			
	16: 15.6 cm ³ /rev (.952 cu.in./rev)	A: 1.75–3.5 MPa (255–510 PSI)	2: 20 L (5.3 Gal.)	0.75: 0.75 kW (1 HP) × 4P 1.5: 1.5 kW (2 HP) × 4P	
		B: 3.5–7.0 MPa (510–1020 PSI)			

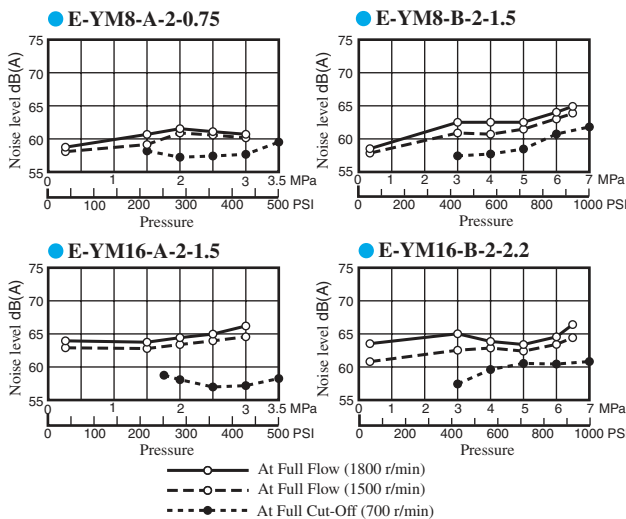
Power Consumption at Full Cut-Off Pressure



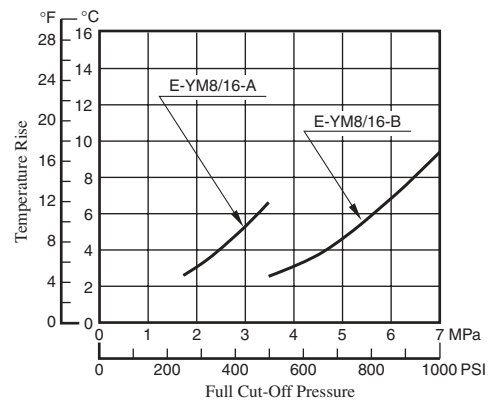
Example of Power Consumption of Grinding Machine



Noise Characteristics (Example) [Measurement Point: 1 m (3.3 ft.) horizontally away]



Characteristics of Oil Temperature Increase in the Reservoir (At 700 r/min)



Consult Yuken when detailed material such as dimensions figures is required.