

## Energy-Saving Hydraulic Units – Equipped with Piston Pump <YA-e Pack>

Energy-saving units equipped with the high efficiency, high performance AR/A series variable displacement piston pumps.

### Specifications

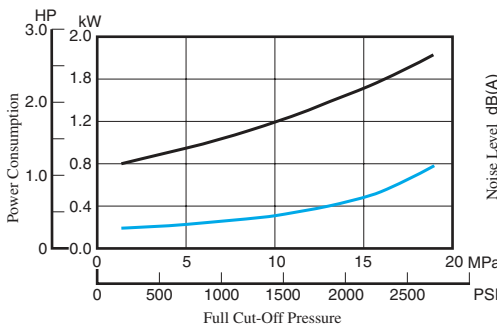
Model Numbers	Max. Operating Pressure MPa (PSI)	Reservoir Capacity L (Gal.)	Setting Range of Rotation Speed at Max. Discharge r/min
E-YA10-B-6-*41	7 (1020)	60 (15.9)	1500 – 1800
E-YA10-C-6-*41	16 (2320)		
E-YA10-C-10-*41	16 (2320)	100 (26.4)	
E-YA16-B-6-*41	7 (1020)	60 (15.9)	
E-YA16-B-10-*41	7 (1020)	100 (26.4)	
E-YA16-C-6-*41	16 (2320)	60 (15.9)	
E-YA16-C-10-*41	16 (2320)	100 (26.4)	
E-YA22-B-6-*41	7 (1020)	60 (15.9)	
E-YA22-B-10-*41	7 (1020)	100 (26.4)	
E-YA22-C-10-*41	16 (2320)		
E-YA37-B-10-3.7-41	7 (1020)	100 (26.4)	
E-YA37-B-16-*41	7 (1020)	160 (26.4)	



### Model Number Designation

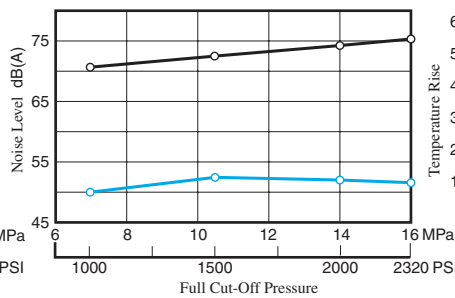
E-YA	10	-B	-6	-2.2	-41
Series Number	Geometric Displacement	Pressure Adj. Range	Reservoir Capacity	Electric Motor	Design Number
E-YA: Energy-Saving Hydraulic Unit YA-e Pack	10: 10.0 cm <sup>3</sup> /rev (.610 cu.in./rev)	B: 1.2–7 MPa (170–1020 PSI)	6: 60 L (15.9 Gal.)	2.2: 2.2kW (3 HP) × 4P	41
		C: 2.0–16 MPa (290–2320 PSI)	10: 100 L (26.4 Gal.)	2.2: 2.2kW (3 HP) × 4P 3.7: 3.7kW (5 HP) × 4P	
	16: 15.8 cm <sup>3</sup> /rev (.964 cu.in./rev)	B: 1.2–7 MPa (170–1020 PSI)	6: 60 L (15.9 Gal.)	2.2: 2.2kW (3 HP) × 4P 3.7: 3.7kW (5 HP) × 4P	
		C: 2.0–16 MPa (290–2320 PSI)	10: 100 L (26.4 Gal.)	2.2: 2.2kW (3 HP) × 4P 3.7: 3.7kW (5 HP) × 4P 5.5: 5.5kW (7.4 HP) × 4P 7.5: 7.5kW (10 HP) × 4P	
	22: 22.2 cm <sup>3</sup> /rev (1.355 cu.in./rev)	B: 1.2–7 MPa (170–1020 PSI)	6: 60 L (15.9 Gal.) 10: 100 L (26.4 Gal.)	2.2: 2.2kW (3 HP) × 4P 3.7: 3.7kW (5 HP) × 4P	
		C: 2.0–16 MPa (290–2320 PSI)	10: 100 L (26.4 Gal.)	5.5: 5.5kW (7.4 HP) × 4P 7.5: 7.5kW (10 HP) × 4P	
	37: 36.9 cm <sup>3</sup> /rev (2.25 cu.in./rev)	B: 1.2–7 MPa (170–1020 PSI)	10: 100 L (26.4 Gal.)	3.7: 3.7kW (5 HP) × 4P	
		C: 2.0–16 MPa (290–2320 PSI)	16: 160 L (42.3 Gal.)	5.5: 5.5kW (7.4 HP) × 4P 7.5: 7.5kW (10 HP) × 4P	

Power Consumption at Full Cut-Off Pressure

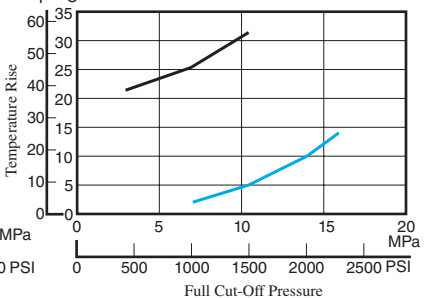


Noise Characteristics

[Full Cut-Off, 1 m (3.3 ft.) horizontally away]



Characteristics of Oil Temperature Increase in the Reservoir



—○— : Standard Type <YA37, 3.7kW, 1800 r/min>  
—○— : Energy-Saving Type <E-YA37, 3.7kW, 300 r/min>

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