Friendly, Intelligent, Powerful

Variable Displacement Piston Pumps

AR Series Variable Displacement Piston Pumps

These AR series pumps have been developed on the basis of the same design concept as A series pumps which are renowned for high efficiency and low noise level.
Using an alminum body, the size of the pump is more compact and the mass is considerably reduced. The noise level has also been reduced.

AR16

A Series Variable Displacement Piston Pumps

With the well−known low noise level and a new addition of A70, A90 and A145 pump versions having the maximum pressure upto 28MPa , A series pumps have much more extensive coverage in their line up and specifications.
Ten control types are available ranging from pressure compensator control to proportional electro−hydraulic pressure/flow control.

A16

AH Series Variable Displacement Piston Pumps

AH series are variable displacement piston pumps of high pressure, high efficiency, high speed and low noise developed by Yuken's unique design concept and cumulative technologies. They are suitable for use with construction machinery and various industrial machinery ranging from presses to injection moulding machines.

AH37

Pump Type		Maximum Operating Pressure MPa	Geometric Displacement cm³/rev (1 2 5 10 20 50 100 200 300)
"AR" Series Variable Displacement Piston Pumps		16	AR16, AR22
"A" Series Variable Displacement Piston Pumps	Single Pumps	21	A10, A16
		16	A22
		21	A37, A56
		28	A70, A90, A145
	Double Pumps	28	Outboard Pump: A16, A22, A37, A56 / A16, A22, A37, A56, A70, A90, A145 — Inboard Pump (Driven End)
	Variable / Fixed Double Pumps	28	Outboard Pump: RV2R1, RV2R2 / A16, A22, A37, A56, A70, A90, A145 — Inboard Pump (Driven End)
"AH" Series Variable Displacement Piston Pumps		31	AH16, AH37, AH56