

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 aluminum body, the size of the pump is more compact and the mass is considerably reduced. The noise level has also been reduced.

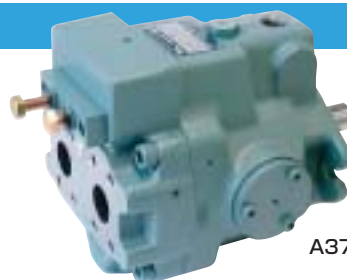


AR16

A Series Variable Displacement Piston Pumps

With the well-known low noise level and the new addition of A70, A90 and A145 pump versions with a maximum pressure up to 28 MPa, the A Series pump line-up offers greater coverage and specifications for a wider range of applications.

Ten control types are available ranging from pressure compensator control to electro-hydraulic proportional pressure/flow control.



A37

A3H Series Variable Displacement Piston Pumps

The new A3H Series variable displacement piston pump offer high pressure, high efficiency, high speed and low noise features. This pump series has been developed using 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.



A3H56

Pump Type		Maximum Operating Pressure MPa	Geometric Displacement cm ³ /rev															
			1	2	5	10	20	50	100	200	300							
"AR" Series Variable Displacement Piston Pumps		16				AR16												
"A" Series Variable Displacement Piston Pumps	Single Pumps	21		A10		A16												
		16				A22												
		21					A37											
								A56										
		28							A70									
	Double Pumps	28	Outboard Pump				A16	A22	A37	A56								
			Inboard Pump (Driven End)				A16	A22	A37	A56	A70	A90	A145					
		28	Outboard Pump					RV2R1		RV2R2								
	"A3H" Series Variable Displacement Piston Pumps	35						A3H16										
									A3H37									
									A3H56									
										A3H71								
											A3H100							