

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 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 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 cm ³ /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					
			Inboard Pump (Driven End)			A16	A22	A37	A56	A70	A90	A145		
Variable / Fixed Double Pumps	28	Outboard Pump			RV2R1		RV2R2							
		Inboard Pump (Driven End)			A16	A22	A37	A56	A70	A90	A145			
"AH" Series Variable Displacement Piston Pumps	31				AH16	AH37								
								AH56						