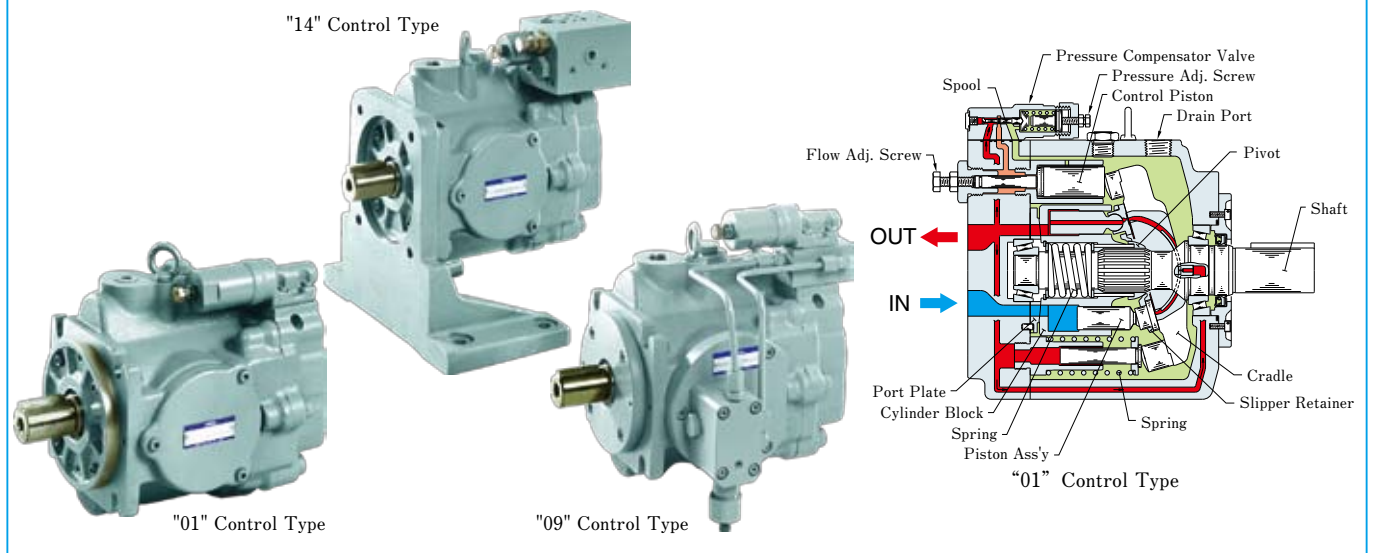


"A3H" Series Variable Displacement Piston Pumps

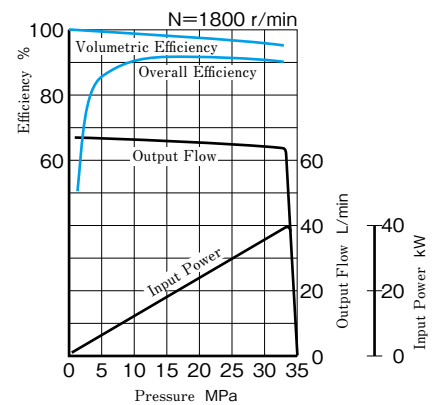


Control Type

Control Type	Graphic Symbols	Performance Characteristics
"01" Pressure Compensator Type		
"09" Constant Power (Torque) Control Type		
"14" Load Sensing Type		
"55" Simple Two-Pressure Two-Flow Control Type		

Features

- High performance at maximum pressure 35MPa
Volumetric efficiency is over 95% and overall efficiency is more than 90% at 1800 r/min.



- Compact size
A3H series are compact in size because output / mass ratio is large.

Specifications

Model Numbers	Geometric Displacement cm ³ / rev	Minimum Adj. Flow cm ³ / rev	Operating Pres. MPa		Shaft Speed Range r/min		Mass kg (01 Control type)	
			Rated	Intermittent	Max.	Min.	Flange Mtg.	Foot Mtg.
A3H16-※R※KK ⁽¹⁾	16.3	8	28	35	3600	600	14.5	23.4
A3H37-※R※KK	37.1	16			2700	600	19.5	27.0
A3H56-※R※KK	56.3	35			2500	600	25.7	33.2
A3H71-※R※KK	70.7	45			2300	600	35.0	42.5
A3H100-※R※KK	100.5	63			2100	600	44.6	72.6
A3H145-※R※KK	145.2	95			1800	600	60.0	88.0
A3H180-※R※KK	180.7	125			1800	600	70.4	98.4

(1) The "A3H16" model does not support the "09" control type.

A through drive type to which a driven pump can be connected is also available. Contact us for details.