

**"A" Series Variable Displacement Piston Pumps – OBE (On-Board Electronic) Type  
Electro-Hydraulic Proportional Pressure & Flow Control Type**

**A16/22/37/56-\*R04EH★\*-\*44  
A70/90/145-\*R04EH★\*S-60-62**

**"A" Series Variable Displacement Piston Pumps  
– Electro-Hydraulic Proportional Pressure & Flow Control Type**

**A16/22/37/56-\*R04E★\*-\*44  
A45/100-\*R04E★\*-\*60-12  
A70/90/145-\*R04E★\*-\*60-62**

————— Notice of Model Change —————

We are announcing that the following products will be modified because of a change of their on-board/provided amplifiers.

Name	Control Type
"A" series variable displacement piston pumps – OBE (On-Board Electronic) type electro-hydraulic proportional pressure & flow control types	04EH
"A" series variable displacement piston pumps – electro-hydraulic proportional pressure & flow control types	04E



04EH: OBE (On-Board Electronic) type electro-hydraulic proportional pressure & flow control type

■ **What Changed**

The CR cartridge and the on-board/provided amplifier of these models will be changed to new ones with an alternative connector due to discontinuation of the connector currently used in these models. Due to this modification, the design numbers of the pilot valves equipped with an amplifier and the provided amplifiers will be changed as well as those of the pumps.

■ **Compatibility**

Available

Item	Description
Specifications	No changes in the pump, pilot valve (04EH), and provided amplifier (04E).
Installation	
Wiring	No changes other than the CR cartridge.



04E: Electro-hydraulic proportional pressure & flow control type

■ **Start of changeover**

Date	Note
June 1, 2019	The schedule may change depending on the stock.

■New and old model numbers

• 04EH Control Type

Pump model number	Old product		New product	
	Design number	Pilot valve model number	Design number	Pilot valve model number
A16-*R04EH★*-06	43	SB1099-04-★-06-4-16-70	44	SB1099-04-★-06-4-16-71
A22-*R04EH★*-11	43	SB1099-02-★-11-4-22-70	44	SB1099-02-★-11-4-22-71
A37-*R04EH★*-01	43	SB1099-05-★-01-4-37-70	44	SB1099-05-★-01-4-37-71
A56-*R04EH★*-02	43	SB1099-06-★-02-4-56-70	44	SB1099-06-★-02-4-56-71
A70-*R04EH★*S-60	61	SB1166-*03-★-60-4-70-20	62	SB1166-*03-★-60-4-70-21
A90-*R04EH★*S-60	61	SB1166-*01-★-60-4-91-20	62	SB1166-*01-★-60-4-91-21
A145-*R04EH★*S-60	61	SB1166-*02-★-60-4-145-20	62	SB1166-*02-★-60-4-145-21

• 04E control type

Pump model number	Old products		New product	
	Design number	Amplifier model number	Design number	Amplifier model number
A16-*R04E★-06	43	SK1106-★-16-06-1025	44	SK1106-★-16-06-1125
		SK1106-★-16-06-1024		SK1106-★-16-06-1124
		SK1106-★-16-06-1008		SK1106-★-16-06-1108
		SK1106-★-16-06-1009		SK1106-★-16-06-1109
		SK1106-★-16-06-1010		SK1106-★-16-06-1110
A22-*R04E★-11	43	SK1106-★-22-11-1025	44	SK1106-★-22-11-1125
		SK1106-★-22-11-1024		SK1106-★-22-11-1124
		SK1106-★-22-11-1008		SK1106-★-22-11-1108
		SK1106-★-22-11-1009		SK1106-★-22-11-1109
A37-*R04E★-01	43	SK1106-★-37-01-1025	44	SK1106-★-37-01-1125
		SK1106-★-37-01-1024		SK1106-★-37-01-1124
		SK1106-★-37-01-1008		SK1106-★-37-01-1108
		SK1106-★-37-01-1009		SK1106-★-37-01-1109
		SK1106-★-37-01-1010		SK1106-★-37-01-1110
A45-*R04E★*-60	11	SK1106-★-45-60-1025	12	SK1106-★-45-60-1125
		SK1106-★-45-60-1024		SK1106-★-45-60-1124
		SK1106-★-45-60-1008		SK1106-★-45-60-1108
		SK1106-★-45-60-1009		SK1106-★-45-60-1109
A56-*R04E★-02	43	SK1106-★-56-02-1025	44	SK1106-★-56-02-1125
		SK1106-★-56-02-1024		SK1106-★-56-02-1124
		SK1106-★-56-02-1008		SK1106-★-56-02-1108
		SK1106-★-56-02-1009		SK1106-★-56-02-1109
		SK1106-★-56-02-1010		SK1106-★-56-02-1110
A70-*R04E★*-60	61	SK1106-★-70-60-1025	62	SK1106-★-70-60-1125
		SK1106-★-70-60-1024		SK1106-★-70-60-1124
		SK1106-★-70-60-1008		SK1106-★-70-60-1108
		SK1106-★-70-60-1009		SK1106-★-70-60-1109
		SK1106-★-70-60-1010		SK1106-★-70-60-1110
		SK1106-★-70-60-1011		SK1106-★-70-60-1111
A90-*R04E★*-60	61	SK1106-★-91-60-1025	62	SK1106-★-91-60-1125
		SK1106-★-91-60-1024		SK1106-★-91-60-1124
		SK1106-★-91-60-1008		SK1106-★-91-60-1108
		SK1106-★-91-60-1009		SK1106-★-91-60-1109
		SK1106-★-91-60-1010		SK1106-★-91-60-1110
A100-*R04E★*-60	11	SK1106-★-100-60-1025	12	SK1106-★-100-60-1125
		SK1106-★-100-60-1024		SK1106-★-100-60-1124
		SK1106-★-100-60-1008		SK1106-★-100-60-1108
		SK1106-★-100-60-1009		SK1106-★-100-60-1109
		SK1106-★-100-60-1010		SK1106-★-100-60-1110
A145-*R04E★*-60	61	SK1106-★-145-60-1025	62	SK1106-★-145-60-1125
		SK1106-★-145-60-1024		SK1106-★-145-60-1124
		SK1106-★-145-60-1008		SK1106-★-145-60-1108
		SK1106-★-145-60-1009		SK1106-★-145-60-1109
		SK1106-★-145-60-1010		SK1106-★-145-60-1110
		SK1106-★-145-60-1011		SK1106-★-145-60-1111