

# 1 Ordering Code

## 1-1 Pump Options

Please fill the Inquiry Form on page 37 and 38 in order to specify the requirement.

Model Code **K8V 125 A R D1 A1 A B B X X X X - P1 D C B - 01**

**1. K8V Series Pump**

K8V Series, Variable Displacement, Axial Piston, Closed Loop Pump

**2. Size**

	71	90	125
Pump Size	●	●	●

**3. Model Code**

	71	90	125
A Series A	●	●	●

**4. Direction of Rotation**

	71	90	125
R Clockwise	●	●	●
L Counterclockwise	●	●	●

**5. Mounting Flange and Shaft**

	71	90	125
C1 SAE C Mount & SAE C Shaft (14T-12/24DP)	●	—	—
C2 SAE C Mount & SAE CC Shaft (17T-12/24DP)	●	—	—
D1 SAE D Mount & SAE D Shaft (13T-8/16 DP)	—	●	●
D2 SAE D Mount & SAE F Shaft (15T-8/16 DP)	—	—	●

**6. Through Drive**

	71	90	125
A1 SAE A, 2 bolt, Through Drive (9T, 16/32 DP)	●	●	●
B1 SAE B, 2 bolt, Through Drive (13T, 16/32 DP)	●	●	●
B2 SAE BB, 2 bolt, Through Drive (15T, 16/32 DP)	●	●	●
C1 SAE C, 2/4 bolt, Through Drive (14T, 12/24 DP)	●	●	●
C2 SAE CC, 2/4 bolt, Through Drive (17T, 12/24 DP)	—	●	●
D1 SAE D, 2/4 bolt, Through Drive (13T, 8/16 DP)	—	●	●
X Without Through Drive	●	●	●

**7. Thread Type (Suction/Delivery)**

	Type of Threaded Port	Thread Type for Flange Port	71	90	125
A	UNF	Metric	●	●	●
B	Metric	Metric	○	○	○
C	UNF	UNF	●	●	●

**8. Charge Pump**

	71	90	125
A 20 cm <sup>3</sup>	●	—	—
B 28 cm <sup>3</sup>	—	—	●
X Without Integrated Charge Pump	●	●	●

**9. Stroking Speed Control Orifice**

	71	90	125
A Φ0.8	●	—	●
B Φ1.0	●	●	●
C Φ1.2	●	●	●
D Φ1.4	—	●	—
X Without Orifice Available Only with Code X of Pressure Cut-off Valve [16]	●	●	●

**10. Mechanical Stroke Limiter**

	71	90	125
A With Mechanical Stroke Limiter	○	○	○
X Without Mechanical Stroke Limiter	●	●	●

**11. Filtration System**

	71	90	125
A Integral Pressure Filtration	○	○	○
B Remote Pressure Filtration With Ports For External Charge Circuit Filter	●	●	●
X Without Pressure Filtration	●	●	●

**13. Special Features**

	71	90	125
A A ~ Code Corresponding to the Feature will Be Set Up When Necessary	○	○	○
X Without Any Special Feature	●	●	●

**12. Swivel Angle Sensor**

	71	90	125
A With Swivel Angle Sensor	○	○	○
X Without Swivel Angle Sensor	●	●	●

● : Available  
○ : Under development  
— : Not available

## 1. Ordering Code

# 1-2 Regulator Options

Please fill the Inquiry Form on page 37 and 38 in order to specify the requirement.

Model Code <sup>1</sup> **K** <sup>2</sup> **8V** <sup>3</sup> **125** <sup>4</sup> **A** <sup>5</sup> **R** <sup>6</sup> **D1** <sup>7</sup> **A1** <sup>8</sup> **A** <sup>9</sup> **B** <sup>10</sup> **B** <sup>11</sup> **X** <sup>12</sup> **X** <sup>13</sup> **X** <sup>14</sup> **- P1** <sup>15</sup> **D** <sup>16</sup> **C** <sup>17</sup> **B** <sup>18</sup> **- 01**

### 14. Control Option

		71	90	125
P1	Electronic Proportional Displacement Control (24V)	●	●	●
P2	Electronic Proportional Displacement Control (12V)	●	●	●
P3	Hydraulic Proportional Displacement Control	●	●	●
M1	Manual Control with Lever	○	○	○

### 15. High Pressure Relief Valve

		71	90	125
A	30 MPa	●	●	●
B	35 MPa	●	●	●
C	40 MPa	●	●	●
D	45 MPa	●	●	●
S	Customized Pressure Setting for Special Case	●	●	●

### 16. Pressure Cut-Off Valve

		71	90	125
A	30 MPa	●	●	●
B	35 MPa	●	●	●
C	40 MPa	●	●	●
S	Customized Pressure Setting for Special Case	●	●	●
X	Without Pressure Cut-Off Valve	●	●	●

Note: The pressure setting of cut-off valve must be at least 5MPa lower than the pressure setting of high pressure relief valve.

### 17. Low Pressure Relief Valve

		71	90	125
B	2.5 MPa	●	●	●
S	Customized Pressure Setting for Special Case	●	●	●
X	Without Low Pressure Relief Valve	●	●	●

### 18. Design Code

**	01 ~
----	------

● : Available  
○ : Under development  
— : Not available