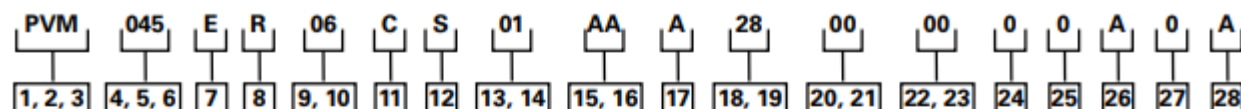


Identification of Model Code

Model PVM045

Model PVM050



1, 2, 3 Pump Series

PVM M-Series variable piston pump

4, 5, 6 Displacement

045 45.1 cm³/rev (2.75 in³/rev) 280 bar

050 50.0 cm³/rev (3.00 in³/rev) 230 bar

7 Valve Plate

E - Industrial (1800 rpm max)

M - Mobile equipment speeds

8 Input Rotation

R - Clockwise (righthand)

L - Counterclockwise (lefthand)

9, 10 Input Shaft

05 SAE J744-22-1 B straight key

06 SAE J744-25-1 B-B straight key

07 SAE J744-22-4 B 13T spline

08 SAE J744-25-4 B-B 15T spline

11 Mounting Flange

C SAE J744-101-2 (SAE B 2 bolt)

12 Main Port Location

S Side

E End (na on thru drive)

13, 14 Main Port Type

01 SAE J514 tube ports

02 SAE J518 flange ports

03 ISO 6149-1 tube ports

04 ISO 6162 flange ports

15, 16 Pump Special Features

00 None (single shaft seal)

AA Adjustable maximum displacement stop and single shaft seal (standard)

AB Double shaft seal, two way

AD Adjustable maximum displacement stop and double shaft seal

17 Control

0 None

A Pressure compensator

B Pressure and flow compensator with bleed orifice

C Pressure and flow compensator with plugged orifice

18, 19 Pressure Comp Setting

00 None

07 66-74 bar (957-1073 psi)

23 227-234 bar (3277-3393 psi) 050 cm³/rev

28 276-284 bar (4002-4118 psi) 045 cm³/rev

20, 21 Flow Comp Setting

00 None

11 10-11 bar (145-174 psi)

20 19-21 bar (275.5-304.5 psi)

24 23-25 bar (333.5-362.5 psi)

22, 23 Torque Limiter Setting

00 None

24 Compensator Special Features

0 None

25 Auxiliary Mounting Pad

0 None

A SAE A 2 bolt 9T spline

B SAE A 2 bolt 11T spline

C SAE B 2/4 bolt 13T spline

D SAE B 2/4 bolt 15T spline

26 Paint

0 No paint

A Blue (standard)

27 Customer Identification

0 None

28 Design Code

A A (initial release)