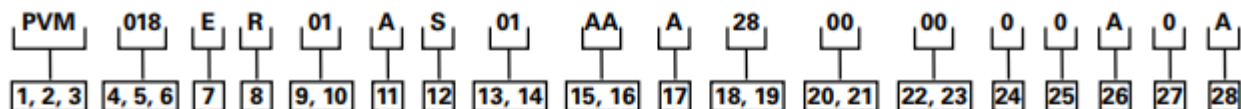


# Identification of Model Code

Model PVM018

Model PVM020



## 1, 2, 3 Pump Series

PVM M-Series variable piston pump

## 4, 5, 6 Displacement

018 18.0 cm<sup>3</sup>/rev (1.10 in<sup>3</sup>/rev)  
280 bar

020 21.1 cm<sup>3</sup>/rev (1.24 in<sup>3</sup>/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

01 SAE J744-16-1 A straight key

02 SAE J744-19-1 19mm straight key

03 SAE J744-16-4 A 9T spline

04 SAE J744-16-4 A 11T spline

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

A SAE J744-82-2 (SAE A 2 bolt)

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) 020 cm<sup>3</sup>/rev

28 276-284 bar (4002-4118 psi) 018 cm<sup>3</sup>/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

## 26 Paint

0 No paint

A Blue (standard)

## 27 Customer Identification

0 None

## 28 Design Code

A A (initial release)