

# P16V-30 Design Variable Piston Pump

# REPLACEMENT OF: P16VMR-10-C(M)C-20-S121(B)-J



## Low Noise

New P16V-30 design series with structural remodeling from the conventional 10 design series. Achieved an average of 5db drop of noise compared to the conventional 10 design

## Compact & Light Weight

The body of the new 30 design is 60mm (2.3inch) less in width and 4kg (8.8lbs) lighter, suited for space and weight limited applications.

## Strong Against Contamination

Cylinder bore with specialized surface treatment enhances pump life and stable operation against contamination

## Simplifies Hydraulic Circuits

Equipped with pressure compensator, eliminating need for relief valves and simplifying the hydraulic circuit.

## SPECIFICATIONS

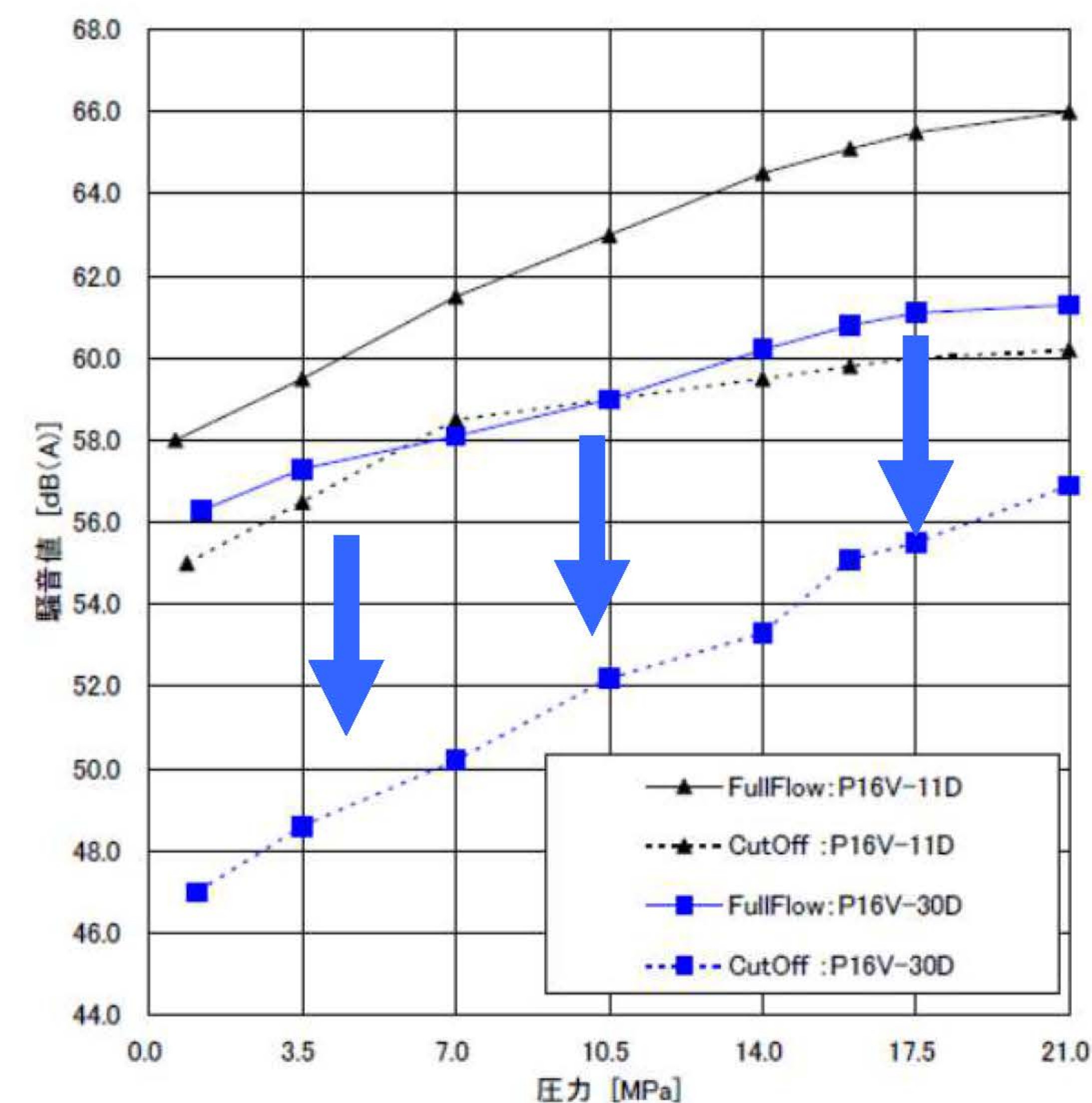
P16V - (F) R S (TU) - 30 - C(M)C - 21 - J

1 2 3 4 5 6 7 8

1	<b>Variable Displacement Piston Pump</b> Max. Displacement: 16 cm <sup>3</sup> /rev (0.97in <sup>3</sup> /rev)
2	<b>Mounting Type</b> F: with Foot Bracket / Omit: without
3	<b>Rotation</b> R: CW Rotation/ L: CCW Rotation
4	<b>Yoke Tilt Direction</b> S: One Side of Center
5	<b>Port Connection</b> T: Side Ports (SAE 4 Bolt Flange) TU: Side Ports for Small Power Package Omit: Axial Port
6	<b>Pump Design Number</b>
7	<b>Control Method (w/Displacement Adjuster)</b> CC: Pressure Compensator Range - 1.5~21Mpa <217 - 3045 Psi> CMC: Pressure Compensator Range - 1.5~10.5Mpa <217 -1022 Psi>))
8	<b>Controller Design Number</b>

## Average. 5db Drop in Noise Level

(1800min-1 RPM, 1 meter behind pump)



## 60mm less width, 4kg less weight

(comparison with axial port type of 10 & 30 D)

