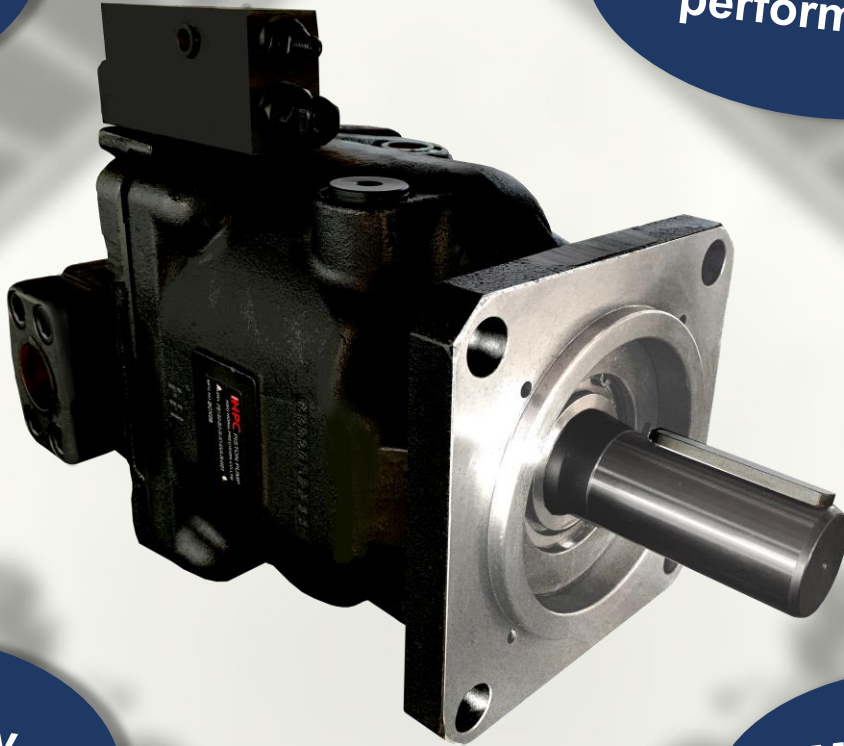


P2 Series

Frame PE Axial Piston Pump

Low
Noise

Better
performance



Energy
efficient

Modular
selection

- Better performance** »» Frame PE achieves a 10% weight reduction compared to the P100 model, increasing rated pressure and speed.
- Low noise** »» Integral cast iron and an oil distribution plate redesign enhances noise and vibration control.
- Energy efficient** »» Reducing friction in moving parts improves pump efficiency, lowers system oil temperature, and cuts overall maintenance costs.
- Modular selection** »» The pump rear cover's modular design enables fast delivery for various through-shaft applications. The control block module offers flexibility for replacement in diverse scenarios, catering to main engine manufacturers and mechanical plants.

HPC P2 series | Axial piston pump

Frame PE-Technical specifications

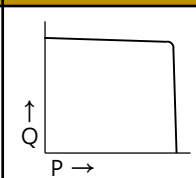
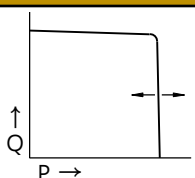
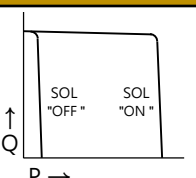
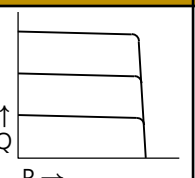
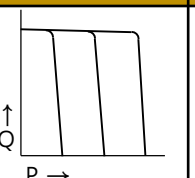
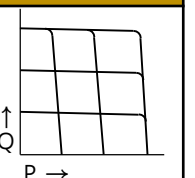
Specifications

		PE130	PE140	PE180
Displacement	cm ³ /rev	130	140	180
Pressure (Max)	bar	310	280	210
Pressure (Peak)	bar	400	350	255
Min speed	rpm	500	500	500
Cont. speed	rpm	2200	2100	1800
Max speed	rpm	2600	2475	2000
Weight	kg	56		
Rotation	Clockwise or Counter-clockwise			

Notice of operating

Pressure at suction port (inlet)	+0.5 bar
Recommend viscosity	+9/+110 mm ² /s
Ambient temperature range	-40/+104 °c
Degree of fluid contamination	21/19/16 ISO 4406 Class 10 (NAS 1638)

Control selection

Code	A	B	D	HL	BH EDG	HL EDG
Curve						

P2 series | Axial piston pump

Ordering code



Ordering code

PE	140	-	A	3	-	R	-	K12	N	A	-	N	-	NNN
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↓
Frame E

Displacement

130 = 130 cm³/rev
140 = 140 cm³/rev
180 = 180 cm³/rev

Rotation

R: Clockwise
L: Counter-clockwise

Pressure

4: 310bar (PE130)
4: 280bar (PE140)
3: 210bar (PE130, PE140,
and PE180)

Control type

A = Pressure compensating type
B = Remote pressure control type
D = Solenoid cut-off control type
HL = Load sensing control type
BH EDG = Pressure proportional control & manual pressure type
HL EDG = Load sense with pressure proportional control type

Shaft options

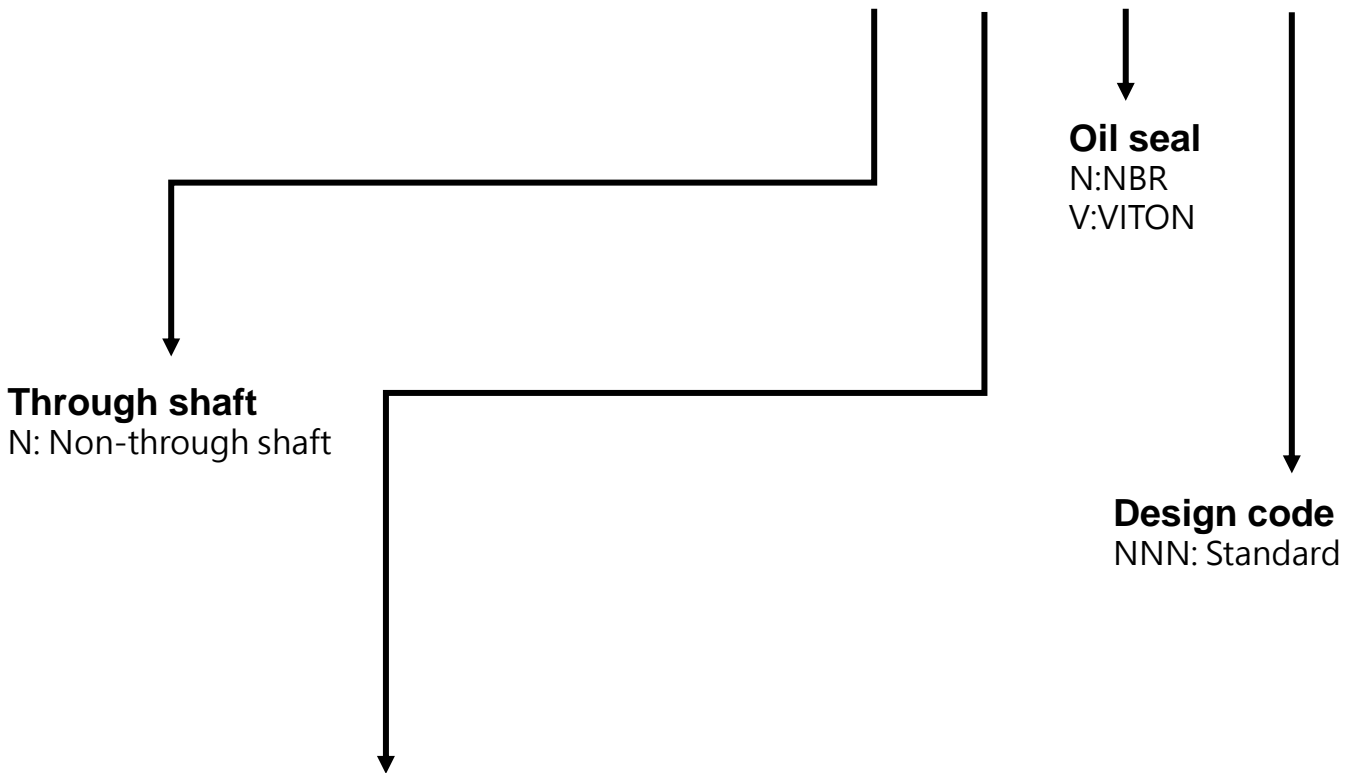
K12: 38.1 straight key
K14: 44.45 straight key
S2: SAE-CC 17T, 12/24 pitch

HPC P2 series | Axial piston pump

Ordering code

Ordering code

PE	140	-	A	3	-	R	-	K12	N	A	-	N	-	NNN
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	Outlet	Inlet
A	M14 four bolt flange SAEJ518b 1-1/4"	M12 four bolt flange SAEJ518b 2-1/2"

P2 series | Axial piston pump Frame PE-Size **HPC**

PE-130/140/180-A*

