



PV Series Axial Piston Pumps

Single pump

1

Code	Series
PV	Axial piston pump variable displacement high pressure version

2

code	Displacement	
	cc/rev (cm3/rev)	In3/rev
016	16	0.98
020	20	1.2
023	23	1.4
032	32	1.9
040	40	2.4
046	46	2.8
063	63	3.8
071	71	4.3
080	80	4.8
092	92	5.6
140	140	8.5
180	180	10.9
270	270	16.5

8

code	Voltage
0	standard
A	AC100V (50-60Hz)
B	AC110V (60Hz)
C	AC200V (50-60Hz)
D	AC220V (60Hz)
E	DC12V
F	DC24V

3

Compensator Code	
※ A2, A3, A4, GT, GM, GA, GJ, GB, GR, GC, HL, HM, HJ, HA, HK, HQ, PA□, PM□, PG□, GL□, PH□	
A~P (3KW~132KW)	

9

code	Seals
※ N	NBR
V	FPM
E	Ethylen-propylen

An o-ring seal is a means to prevent the loss of a fluid or gas. the seal consists of an o-ring and a metal gland an o-ring is a circular ring with a circular cross-section moulded from rubber. the gland - usually made from metal - houses the o-ring. the combining of these elements - o-ring and gland - produce the o-ring seal.

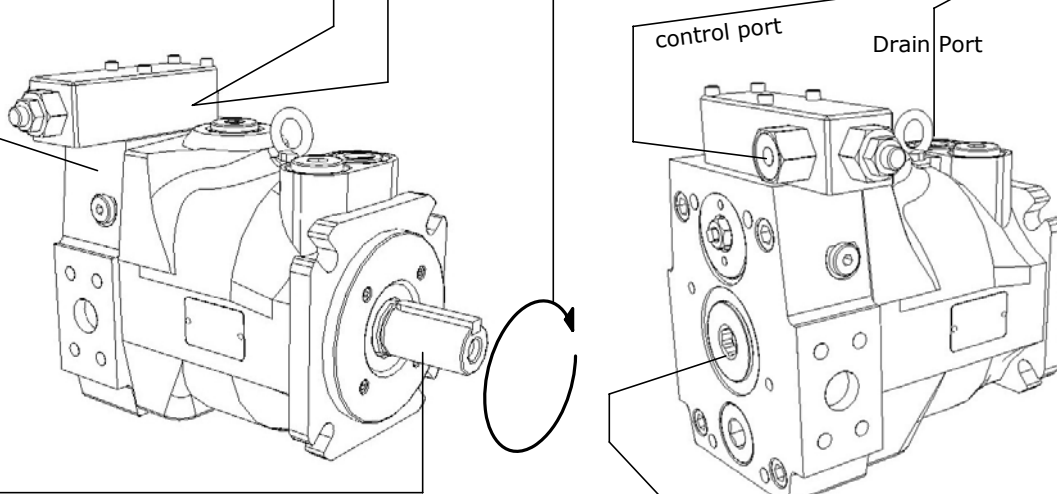
10 Design No.
Not require for order

4

code	Rotation
※ R	clockwise
L	counterclockwise

6

code	Threads
※ 1	BSPP (G)
2	PT (RC)
3	UNF
4	NPT
7	ISO6149 (M)



5

code	Mounting		
※ M	Metric	ISO3019/2 Cylindric, key	
N	Inch	ISO3019/1 Cylindric, key	
K	Metric	ISO3019/2 Splined, DIN5480	
D	Inch	ISO3019/1 Splined, SAE	

7

code	Thru drive & 2nd pump
A	Single pump
B	Prepared for thru drive
With adaptor for 2nd pump	
C	SAE AA, Φ2" (Φ50.8mm)
D	SAE A, Φ3 1/4" (Φ82.55mm)
E	SAE B, Φ4" (Φ101.6mm)
F	SAE C, Φ5" (Φ127mm)
G	SAE D, Φ6" (Φ152.4mm)
H	SAE E, Φ6.5" (Φ165.1mm)
I	Metric, Φ63
J	Metric, Φ80
K	Metric, Φ100
L	Metric, Φ125
M	Metric, Φ160
N	Metric, Φ200
Other pump are acceptable order	

Order No.

PV - A

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

Examples:
PV046-A3RM1A0N

Prepared for thru drive

1

Code	Series
PV	Axial piston pump variable displacement high pressure version

2

code	Displacement	
	cc/rev (cm3/rev)	In3/rev
016	16	0.98
020	20	1.2
023	23	1.4
032	32	1.9
040	40	2.4
046	46	2.8
063	63	3.8
071	71	4.3
080	80	4.8
092	92	5.6
140	140	8.5
180	180	10.9
270	270	16.5

8

code	Voltage
0	standard
A	AC100V (50-60Hz)
B	AC110V (60Hz)
C	AC200V (50-60Hz)
D	AC220V (60Hz)
E	DC12V
F	DC24V

3

Compensator Code
※ A2, A3, A4, GT, GM, GA, GJ, GB, GR, GC, HL, HM, HJ, HA, HK, HQ, PA□, PM□, PG□, GL□, PH□
A~P (3KW~132KW)

9

code	Seals
※ N	NBR
V	FPM
E	Ethylen-propylen

An o-ring seal is a means to prevent the loss of a fluid or gas. the seal consists of an o-ring and a metal gland an o-ring is a circular ring with a circular cross-section moulded from rubber. the gland - usually made from metal - houses the o-ring. the combining of these elements - o-ring and gland - produce the o-ring seal.

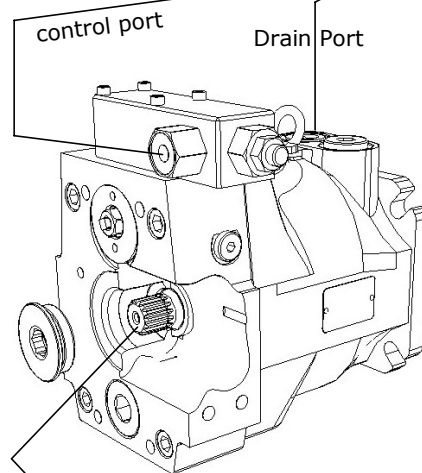
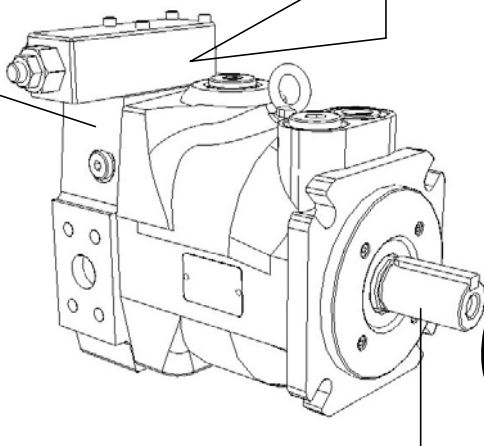
10 Design No.
Not require for order

4

code	Rotation
※ R	clockwise
L	counterclockwise

6

code	Threads
※ 1	BSPP (G)
2	PT (RC)
3	UNF
4	NPT
7	ISO6149 (M)



5

code	Mounting		
※ M	Metric	ISO3019/2 Cylindric, key	
N	Inch	ISO3019/1 Cylindric, key	
K	Metric	ISO3019/2 Splined, DIN5480	
D	Inch	ISO3019/1 Splined, SAE	

7

code	Thru drive & 2nd pump
A	Single pump
B	Prepared for thru drive
With adaptor for 2nd pump	
C	SAE AA, Φ2" (Φ50.8mm)
D	SAE A, Φ3 1/4" (Φ82.55mm)
E	SAE B, Φ4" (Φ101.6mm)
F	SAE C, Φ5" (Φ127mm)
G	SAE D, Φ6" (Φ152.4mm)
H	SAE E, Φ6.5" (Φ165.1mm)
I	Metric, Φ63
J	Metric, Φ80
K	Metric, Φ100
L	Metric, Φ125
M	Metric, Φ160
N	Metric, Φ200
Other pump are acceptable order	

Order No.

PV -

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

Examples:
PV046-A3RM1B0N



PV Series Axial Piston Pumps

Prepared for thrive with adaptor for 2nd pump

1

Code	Series
PV	Axial piston pump variable displacement high pressure version

2

code	Displacement	
	cc/rev (cm3/rev)	In3/rev
016	16	0.98
020	20	1.2
023	23	1.4
032	32	1.9
040	40	2.4
046	46	2.8
063	63	3.8
071	71	4.3
080	80	4.8
092	92	5.6
140	140	8.5
180	180	10.9
270	270	16.5

8

code	Voltage
0	standard
A	AC100V (50-60Hz)
B	AC110V (60Hz)
C	AC200V (50-60Hz)
D	AC220V (60Hz)
E	DC12V
F	DC24V

3

Compensator Code	
* A2, A3, A4, GT, GM, GA, GJ, GB, GR, GC, HL, HM, HJ, HA, HK, HQ, PA□, PM□, PG□, GL□, PH□	
A~P (3KW~132KW)	

9

code	Seals
* N	NBR
V	FPM
E	Ethylen-propylen

An o-ring seal is a means to prevent the loss of a fluid or gas. the seal consists of an o-ring and a metal gland an o-ring is a circular ring with a circular cross-section moulded from rubber. the gland - usually made from metal - houses the o-ring. the combining of these elements - o-ring and gland - produce the o-ring seal.

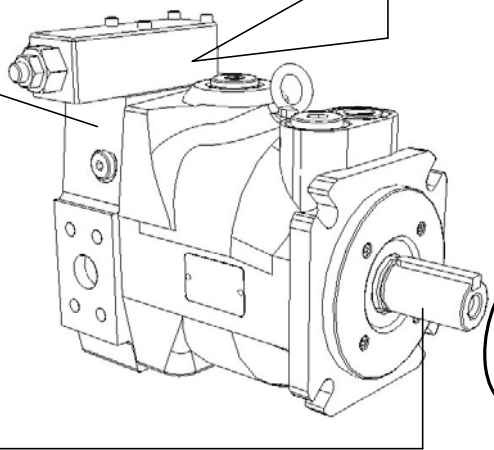
10 Design No.
Not require for order

4

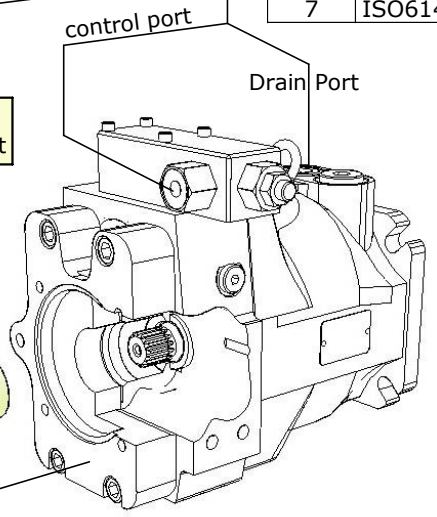
code	Rotation
* R	clockwise
L	counterclockwise

6

code	Threads
* 1	BSPG (G)
2	PT (RC)
3	UNF
4	NPT
7	ISO6149 (M)



Coupling Supplied by client



5

code	Mounting		
* M	Metric	ISO3019/2 Cylindric, key	
N	Inch	ISO3019/1 Cylindric, key	
K	Metric	ISO3019/2 Splined, DIN5480	
D	Inch	ISO3019/1 Splined, SAE	

7

code	Thru drive & 2nd pump
A	Single pump
B	Prepared for thru drive
With adaptor for 2nd pump	
C	SAE AA, Φ2" (Φ50.8mm)
D	SAE A, Φ3-1/4" (Φ82.55mm)
E	SAE B, Φ4" (Φ101.6mm)
F	SAE C, Φ5" (Φ127mm)
G	SAE D, Φ6" (Φ152.4mm)
H	SAE E, Φ6.5" (Φ165.1mm)
I	Metric, Φ63
J	Metric, Φ80
K	Metric, Φ100
L	Metric, Φ125
M	Metric, Φ160
N	Metric, Φ200
Other pump are acceptable order	

Order No.

PV □ - □ □ □ □ C □ □ X

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

Examples:
PV046-A3RM1C0N

