

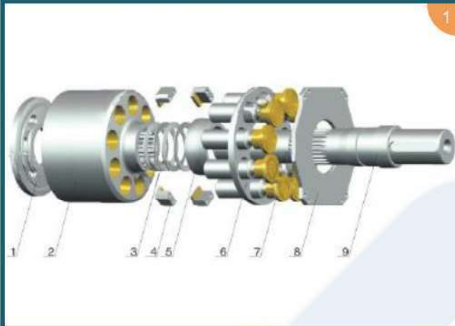


SPARE PARTS OF PISTON PUMP & MOTORS

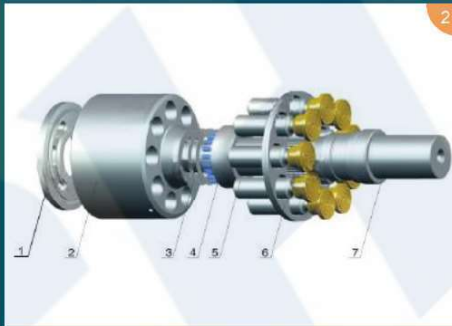


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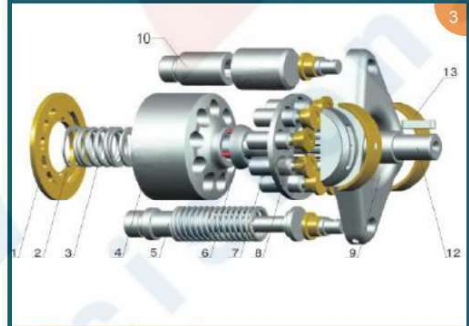
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REXROTH/

A4V40~250/A4VFO28/A4VSO40~500

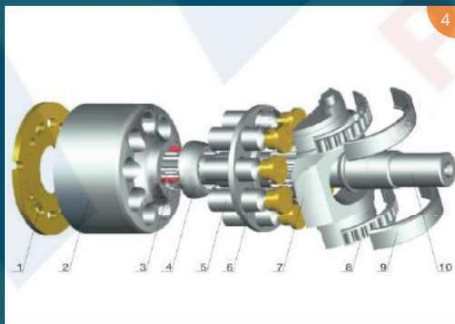
NO.	Description	Quantity/Set
1	Valve Plate	1
2	Cylinder Block	1
3	Disk Spring	4
4	Spacer	4
5	Ball Guide	1
6	Retainer Plate	1
7	Piston Shoe	9
8	Thrust Plate	1
9	Drive Shaft	1

REXROTH/

A4VF500/A4VG28~71/A4VTG71/A4VG90~250/A4VHW90

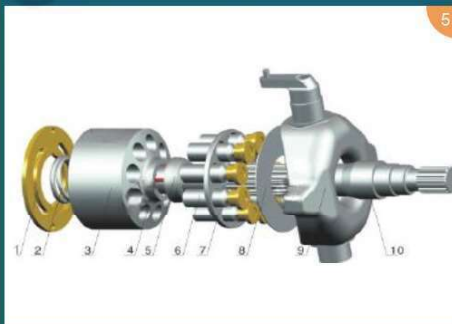
NO.	Description	Quantity/Set
1	Valve Plate L/R	1
2	Cylinder Block	1
3	Disk Spring	4
4	Ball Guide	1
5	Piston Shoe	9
6	Retainer Plate	1
7	Drive Shaft	1
8	Saddle Bearing	2

REXROTH/

A10VSO16~45/A10VO45/52/A10VSO63~140

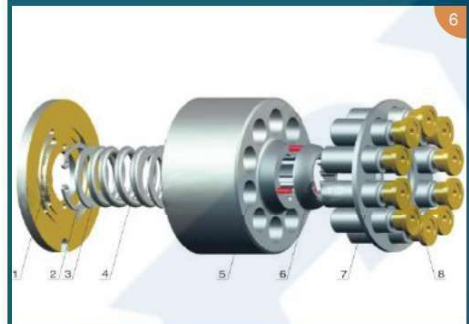
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1	Valve Plate L/R/M	1
2	Snap Ring	1
3	Spring	1
4	Cylinder Block	1
5	Valve	1
6	Ball Guide	1
7	Piston Shoe	9
8	Retainer Plate	1
9	Swash Plate	1
10	Control Valve	1
11	Charge Pump	1
12	Drive Shaft	1
13	Saddle Bearing	2

REXROTH/

A10VG18~63

NO.	Description	Quantity/Set
1	Valve Plate L/R/M	1
2	Cylinder Block	1
3	Press Pin	3
4	Ball Guide	1
5	Piston Shoe	9
6	Retainer Plate	1
7	Swash Plate	1
8	Saddle Bearing	2
9	Bearing Seat	2
10	Drive Shaft	1

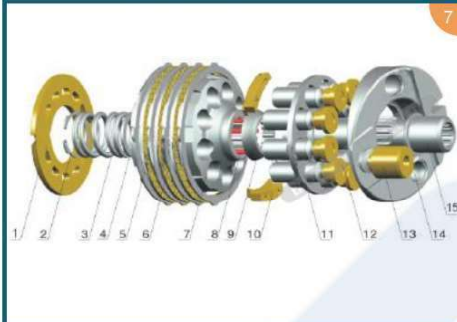
REXROTH/

A10V43/63/A10VD40/43

NO.	Description	Quantity/Set
1	Valve Plate L/R	1
2	Spring	1
3	Cylinder Block	1
4	Press Pin	3
5	Ball Guide	1
6	Piston Shoe	9
7	Retainer Plate	1
8	Thrust Plate	1
9	Swash Plate	1
10	Drive Shaft	1

REXROTH/

A10VE43/A10VEC60

NO.	Description	Quantity/Set
1	Valve Plate L/R	1
2	Snap Ring	1
3	Spacer	2
4	Spring	1
5	Cylinder Block	1
6	Ball Guide	1
7	Retainer Plate	1
8	Piston Shoe	10

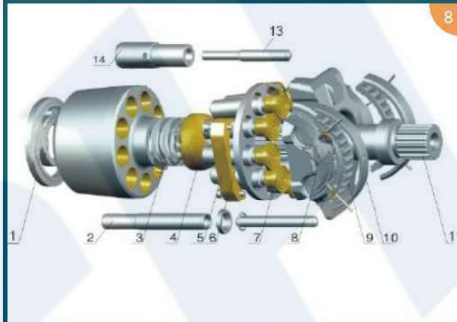
REXROTH/



A10VSF28

NO.	Description	Quantity/Set
1	Valve Plate	1
2	Snap Ring	1
3	Spring	1
4	Spacer	2
5	Friction Plate	3
6	Separation Plate	4
7	Cylinder Block	1
8	Press Pin	3
9	Ball Guide	1
10	Retainer	1
11	Retainer Plate	1
12	Piston Shoe	9
13	Yoke Piston	1
14	Swash Plate	1
15	Drive Shaft	1

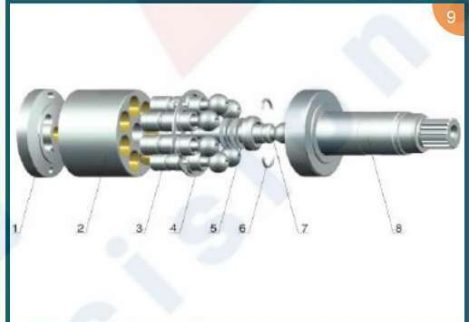
REXROTH/



A11VO40/60/75/95/200/250/A11VG35/50/A11V130~190/
A11VLO190/260

NO.	Description	Quantity/Set
1	Valve Plate	1
2	Press Pin	1
3	Spacer	1
4	Ball Guide	1
5	Retainer	1
6	Retainer Plate	1
7	Piston Shoe	9
8	Swash Plate	1
9	Saddle Bearing	2
10	Bearing Seat	2
11	Drive Shaft	1
12	Cylinder Block	1
13	Piston	1
14	Piston Guide	1

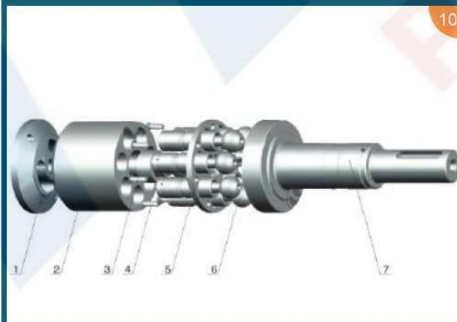
REXROTH BENT PUMP/



A2F5~1000

NO.	Description	Quantity/Set
1	Valve Plate	1
2	Cylinder Block	1
3	Piston Shoe	7
4	Retainer Plate	1
5	Disc Spring	4
6	Half Ring	2
7	Ball Guide	1
8	Drive Shaft	1

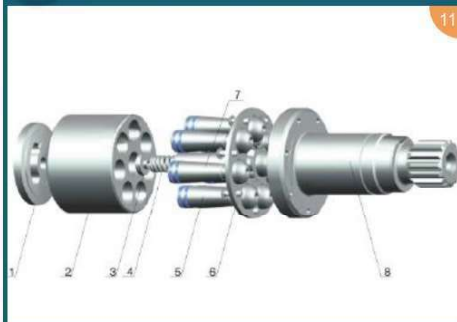
REXROTH BENT PUMP/



A2VK

NO.	Description	Quantity/Set
1	Valve Plate L/R	1
2	Cylinder Block	1
3	Disk Spring	4
4	Ball Guide	1
5	Piston Shoe	9
6	Retainer Plate	1
7	Drive Shaft	1

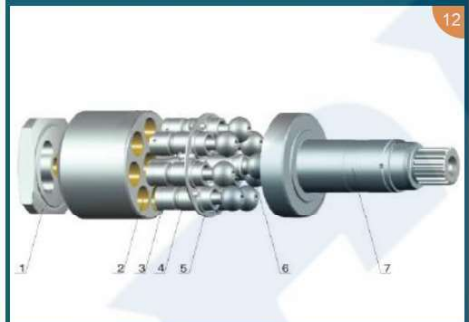
REXROTH BENT PUMP/



A2FO10~500

NO.	Description	Quantity/Set
1	Valve Plate	1
2	Cylinder Block	1
3	Spring Set	1
4	Spring	1
5	Piston Shoe	7
6	Retainer Plate	1
7	Center Pin	1
8	Drive Shaft	1

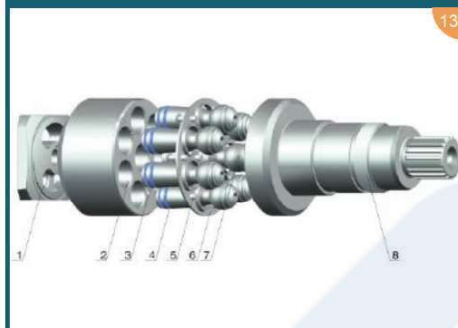
REXROTH BENT PUMP/



A6V28/A7V55~500

NO.	Description	Quantity/Set
1	Valve Plate	1
2	Cylinder Block	1
3	Disk Spring	4
4	Ball Guide	1
5	Piston Shoe	9
6	Retainer Plate	1
7	Drive Shaft	1

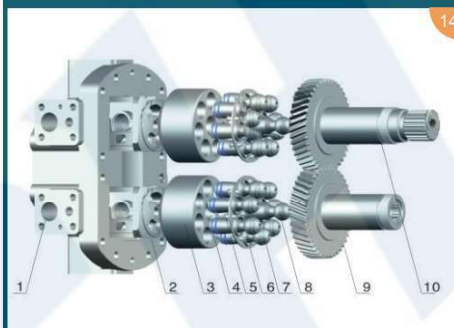
REXROTH BENT PUMP/



A6VM160~500/A6VE160/A7VO28~500

NO. NO.	Description	Quantity/Set
1	Valve Plate	1
2	Cylinder Block	1
3	Ring	14
4	Piston Shoe	7
5	Bolt	14
6	Retainer Plate	1
7	Center Pin	1
8	Drive Shaft	1

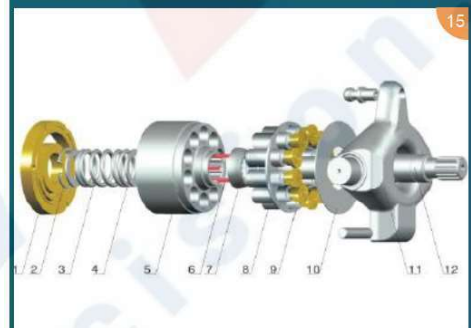
REXROTH-UCHIDA/



A8VO55~200

NO. NO.	Description	Quantity/Set
1	Cover	1
2	Valve Plate L/R	1
3	Cylinder Block	2
4	Ring	28
5	Bolt	14
6	Retainer Plate	2
7	Piston Shoe	14
8	Center Pin	2
9	Drive Shaft L	1
10	Drive Shaft R	1

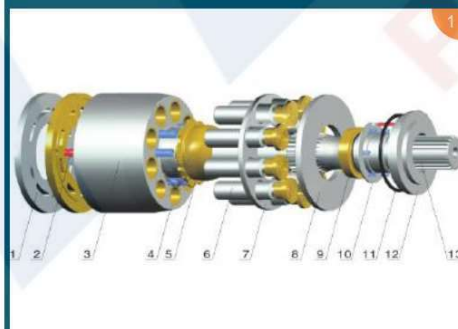
REXROTH-UCHIDA/



AP2D12~36/ZAX70 MAIN PUMP

NO. NO.	Description	Quantity/Set
1	Valve Plate L/R	1
2	Snap Ring	1
3	Spring	1
4	Spacer	2
5	Cylinder Block	1
6	Press Pin	3
7	Ball Guide	1
8	Piston Shoe	10
9	Retainer Plate	1
10	Thrust Plate	1
11	Swash Plate	1
12	Drive Shaft	1

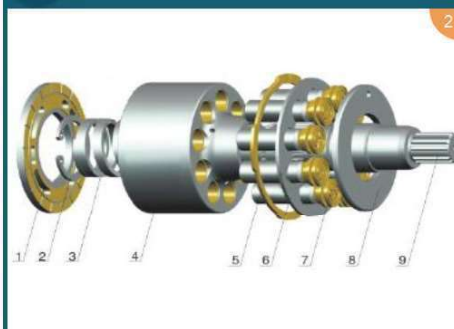
SAUER/



PV20~112/SPV6/119/OPV27

NO. NO.	Description	Quantity/Set
2	Pin	1
3	Cylinder Block	1
4	Spring	6
5	Ball Guide	1
6	Piston Shoe	9
7	Retainer Plate	1
8	Thrust Plate	1
9	Shaft Seal Set	1
10	Shaft Seal Set	1
11	O Ring	1
12	Seal Seat	1
13	Drive Shaft	1

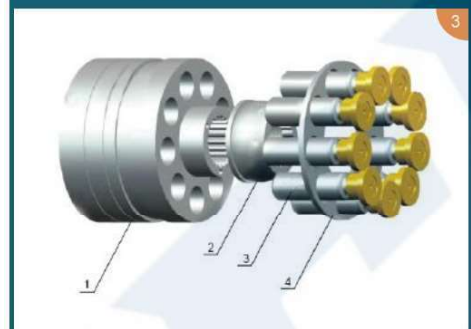
SAUER/



PVD45/TB35/45

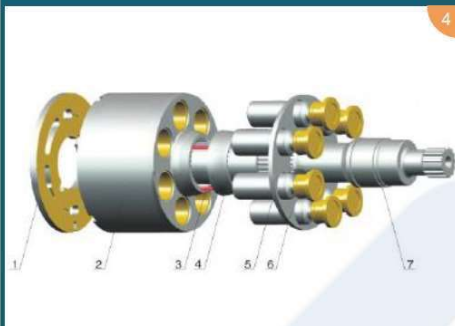
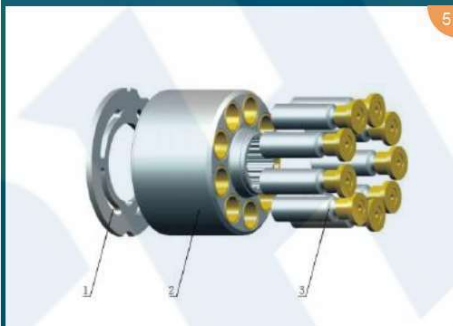
NO. NO.	Description	Quantity/Set
1	Valve Plate	1
2	Snap Ring	1
3	Spring	1
4	Cylinder Block	1
5	Retainer	1
6	Retainer Plate	1
7	Piston Shoe	9
8	Thrust Plate	1
9	Drive Shaft	1

SAUER/



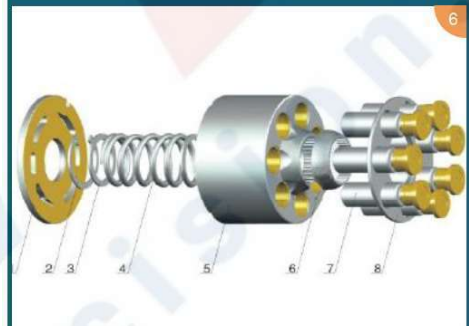
MF16A/MF035/MF500

NO. NO.	Description	Quantity/Set
1	Cylinder Block	1
2	Ball Guide	1
3	Piston Shoe	9
4	Retainer Plate	1
5	Valve Plate L/R	1

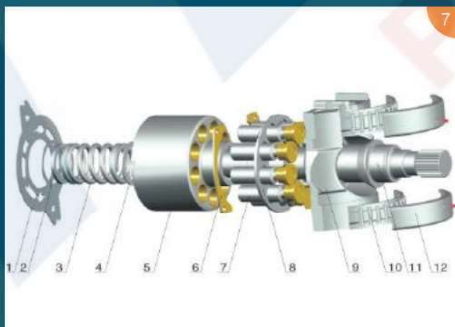
SAUER/

SAUER/

MPR63

NO.	Description	Quantity/Set
1	Valve Plate	1
2	Cylinder Block	1
3	Press Pin	3
4	Ball Guide	1
5	Piston Shoe	7
6	Retainer Plate	1
7	Drive Shaft	1

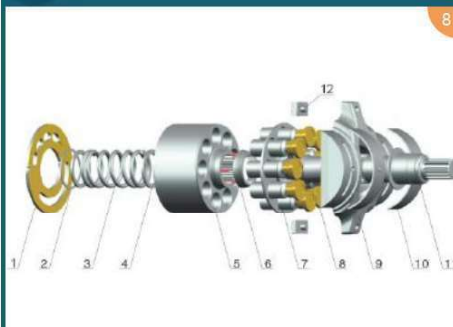
NO.	Description	Quantity/Set
1	Valve Plate	1
2	Cylinder Block	1
3	Piston Shoe	7

SAUER/

MPV45

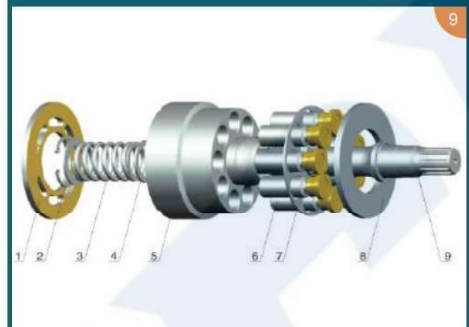
NO.	Description	Quantity/Set
1	Valve Plate	1
2	Snap Ring	1
3	Washer	2
4	Coil Spring	1
5	Cylinder Block	1
6	Ball Guide	1
7	Piston Shoe	7
8	Retainer Plate	1

SAUER 90/

PV90R030~250

NO.	Description	Quantity/Set
1	Valve Plate L/R/M	1
2	Snap Ring	1
3	Spring	1
4	Washer	2
5	Cylinder Block	1
6	Retainer	2
7	Piston Shoe	9
8	Retainer Plate	1
9	Swash Plate	1
10	Saddle Bearing	2
11	Drive Shaft	1
12	Bearing Seat	2

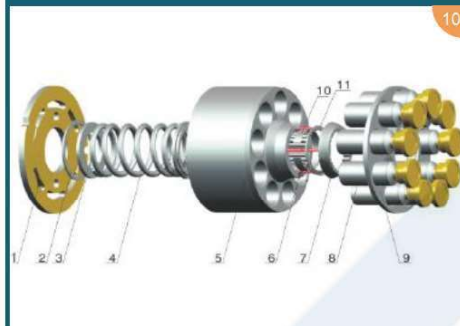
SAUER 90/

BRL100

NO.	Description	Quantity/Set
1	Valve Plate	1
2	Snap Ring	1
3	Spring	1
4	Washer	2
5	Cylinder Block	1
6	Ball Guide	1
7	Retainer Plate	1
8	Piston Shoe	9
9	Swash Plate	1
10	Saddle Bearing	2
11	Drive Shaft	1
12	Yoke Piston	2

SAUER 90/

SPV14/SPV15/SPV18/MMFO25C

NO.	Description	Quantity/Set
1	Valve Plate L/R	1
2	Snap Ring	1
3	Spring	1
4	Washer	2
5	Cylinder Block	1
6	Piston Shoe	9
7	Retainer Plate	1
8	Thrust Plate	1
9	Drive Shaft	1

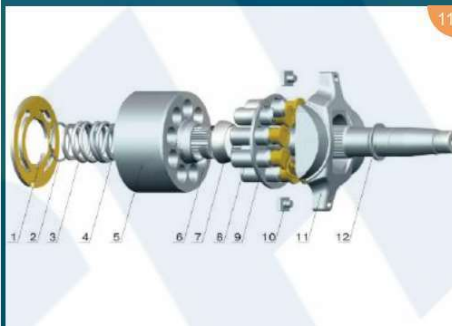
SAUER 90/



□

NO. NO.	Description	Quantity/Set
1	Valve Plate	1
2	Snap Ring	1
3	Washer	2
4	Spring	1
5	Cylinder Block	1
6	Press Pin	3
7	Ball Guide	1
8	Piston Shoe	9
9	Retainer Plate	1
10	Back-UP Spring	1
11	Washer	1

SAUER 90/



HRR057

NO. NO.	Description	Quantity/Set
1	Valve Plate	1
2	Snap Ring	1
3	Spring	1
4	Washer	1
5	Cylinder Block	1
6	Back-UP Spring	1
7	Ball Guide	1
8	Piston Shoe	9
9	Retainer Plate	1
10	Yoke Piston	2
11	Swash Plate	1
12	Drive Shaft	1

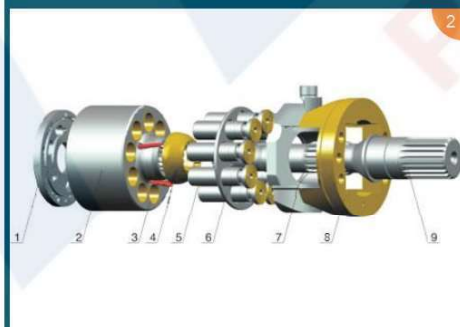
KOMATSU EXCAVATOR



HPV35/HPV55/HPV90/HPV160/PC50/PC400-7

NO. NO.	Description	Quantity/Set
1	Valve Plate L/R	1
2	Cylinder Block	1
3	Retainer	2
4	Spacer	2
5	Piston Shoe	9
6	Retainer Plate	1
7	Swash Plate	1
8	Support	1
9	Drive Shaft	1

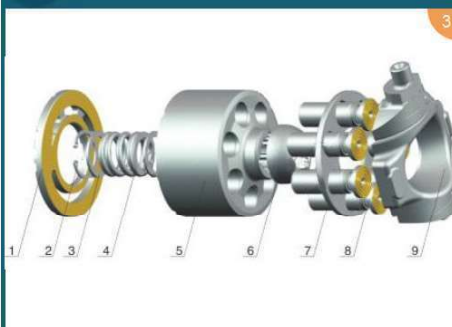
KOMATSU EXCAVATOR



HPV95/132/PC360-7/PC200-8/240-8/PC1250

NO.	Description	Quantity/Set
1	Valve Plate L/R	1
2	Cylinder Block	1
3	Press Pin	3
4	Ball Guide	1
5	Retainer Plate	1
6	Piston Shoe	9
7	Swash Plate	1
8	Support	1
9	Drive Shaft	1
10	Charge Pump	1

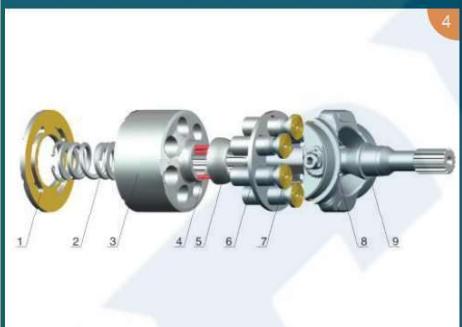
KOMATSU EXCAVATOR



PC300UU

NO.	Description	Quantity/Set
1	Valve Plate	1
2	Snap Ring	1
3	Washer	2
4	Coil Spring	1
5	Cylinder Block	1
6	Ball Guide	1
7	Retainer Plate	1
8	Piston Shoe	7
9	Swash Plate	1

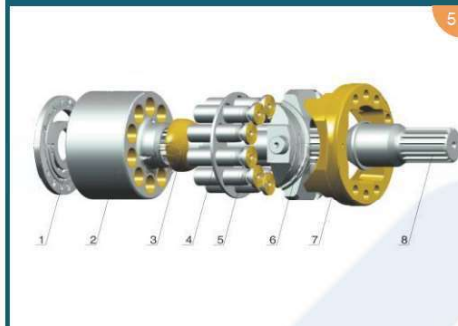
KOMATSU EXCAVATOR



PC40-8/PC60-7

NO.	Description	Quantity/Set
1	Valve Plate	1
2	Spring	1
3	Cylinder Block	1
4	Press Pin	3
5	Ball Guide	1
6	Retainer Plate	1
7	Piston Shoe	7/9
8	Swash Plate	1
9	Drive Shaft	1

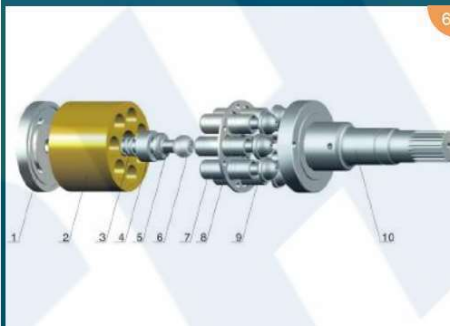
KOMATSU EXCAVATOR



PC160

NO. NO.	Description	Quantity/Set
1	Valve Plate	1
2	Cylinder Block	1
3	Ball Guide	1
4	Retainer Plate	1
5	Piston Shoe	9
6	Swash Plate	1
7	Support	1
8	Drive Shaft	1

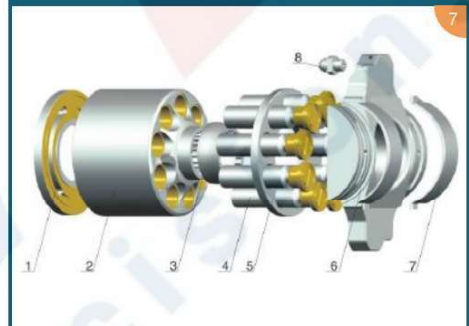
KOMATSU EXCAVATOR



PC200-2/PC60-6

NO. NO.	Description	Quantity/Set
1	Valve Plate	1
2	Cylinder Block	1
3	Spring	1
4	Washer	1
5	Center Pin	1
6	Center Ball	1
7	Piston Shoe	7
8	Retainer Plate	1
9	Spherical Washer	7
10	Drive Shaft	1

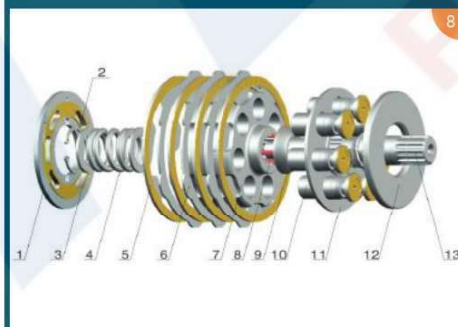
KOMATSU EXCAVATOR



PC320

NO. NO.	Description	Quantity/Set
1	Valve Plate	1
2	Cylinder Block	1
3	Ball Guide	1
4	Piston Shoe	9
5	Retainer Plate	1
6	Swash Plate	1
7	Saddle Bearing	2
8	Yoke Piston	1

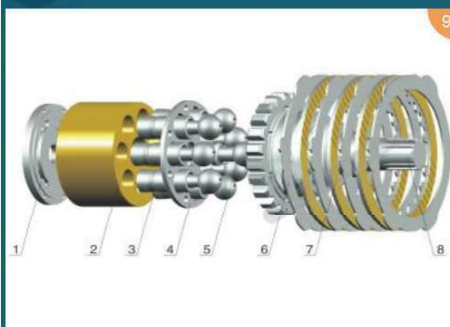
KOMATSU EXCAVATOR



PC45R-8/60-7 SWING MOTOR

NO. NO.	Description	Quantity/Set
1	Valve Plate	1
2	Snap Ring	1
3	Washer	1
4	Coil Spring	1
5	Friction Plate	2
6	Separation Plate	3
7	Cylinder Block	1
8	Press Pin	3
9	Ball Guide	1
10	Piston Shoe	7
11	Retainer Plate	1
12	Thrust Plate	1
13	Drive Shaft	1

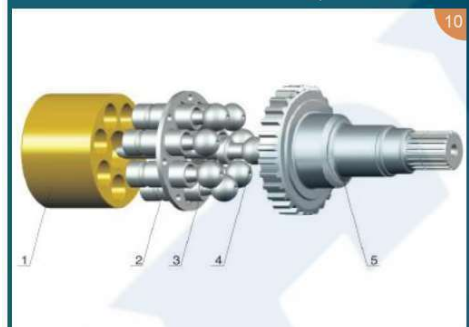
KOMATSU EXCAVATOR



PC120-6 SWING MOTOR

NO. NO.	Description	Quantity/Set
1	Valve Plate	1
2	Cylinder Block	1
3	Piston Shoe	7
4	Retainer Plate	1
5	Center Pin	1
6	Separation Plate	4
7	Friction Plate	3
8	Drive Shaft	1
9	Control Valve	1

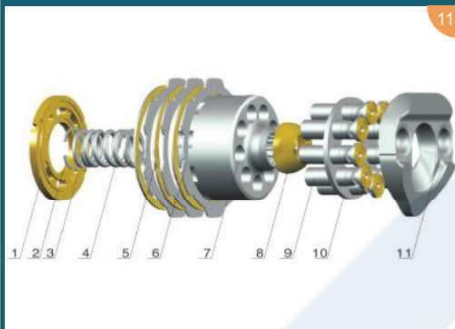
KOMATSU EXCAVATOR/小松系列



PC200-6/PC450 SWING MOTOR
LMF45/HPV220-8 SWING MOTOR

NO. NO.	Description	Quantity/Set
1	Cylinder Block	1
2	Retainer Plate	1
3	Piston Shoe	7
4	Center Pin	1
5	Drive Shaft	1
6	Friction Plate	3
7	Separation Plate	4

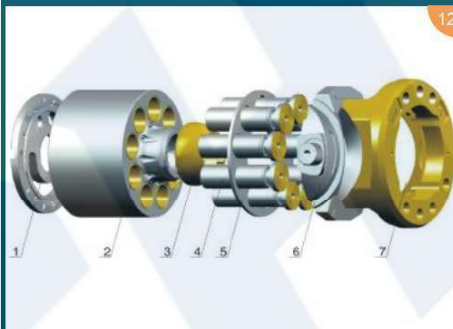
KOMATSU EXCAVATOR



PC200-7 TRAVEL MOTOR

NO.	Description	Quantity/Set
1	Valve Plate M	1
2	Snap Ring	1
3	Washer	2
4	Coil Spring	1
5	Friction Plate	3
6	Separation Plate	4
7	Cylinder Block	1
8	Ball Guide	1
9	Piston Shoe	9
10	Retainer Plate	1
11	Swash Plate	1

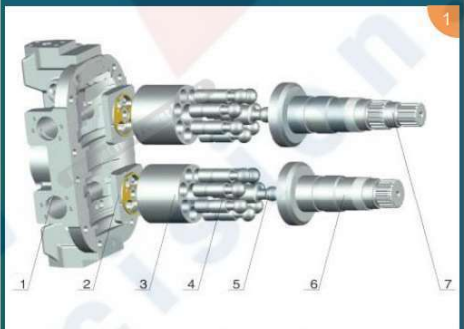
KOMATSU EXCAVATOR



PC400-7 TRAVEL MOTOR

NO.	Description	Quantity/Set
1	Valve Plate M	1
2	Cylinder Block	1
3	Retainer Plate	1
4	Piston Shoe	7
5	Retainer Plate	1
6	Swash Plate	1
7	Support	1

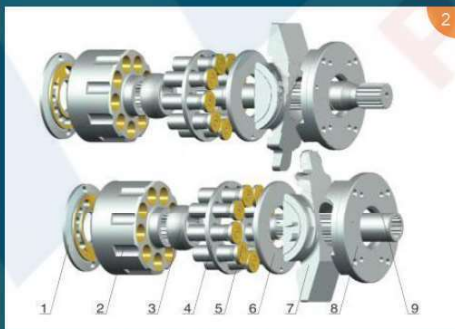
HITACHI



HPV050 / HPV102(EX200-5/6)/
HPV118 (ZX200-3, ZX270 MAIN PUMP)

NO.	Description	Quantity/Set
1	Rear Cover	1
2	Valve Plate L/R	2
3	Cylinder Block	2
4	Piston Shoe	18
5	Center Pin	2
6	Driven Shaft	1
7	Drive Shaft	1
8	Charge Pump	1

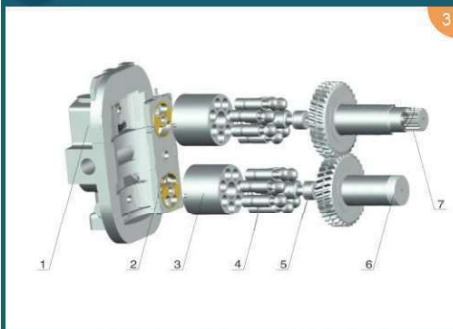
HITACHI



ZX120-6 MAIN PUMP(HPK055)

NO.	Description	Quantity/Set
1	Valve Plate	1
2	Cylinder Block	1
3	Ball Guide	1
4	Retainer Plate	1
5	Piston Shoe	9
6	Thrust Plate	1
7	Swash Plate	1
8	Support	1
9	Drive Shaft	1

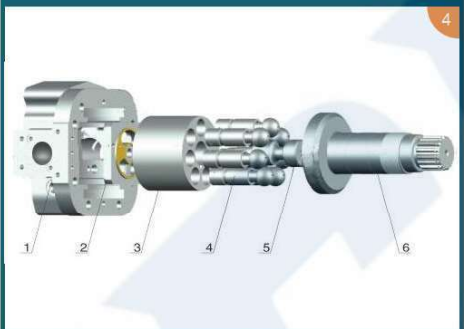
HITACHI



HPV091(EX200-2/3, EX120-2 PUMP)

NO.	Description	Quantity/Set
1	Rear Cover	1
2	Valve Plate	2
3	Cylinder Block	2
4	Piston Shoe	14
5	Center Pin	2
6	Driven Shaft	1
7	Drive Shaft	1
8	Charge Pump	1

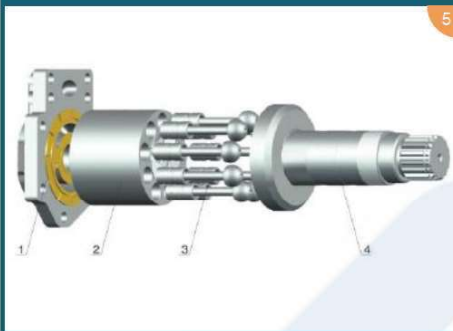
HITACHI



HPV116/145/125B

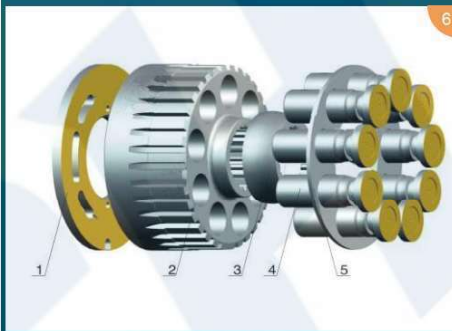
NO.	Description	Quantity/Set
1	Rear Cover	1
2	Valve Plate	1
3	Cylinder Block	1
4	Piston Shoe	7
5	Center Pin	1
6	Drive Shaft	1
7	Valve Plate bolt	2
8	Charge Pump	1

HITACHI



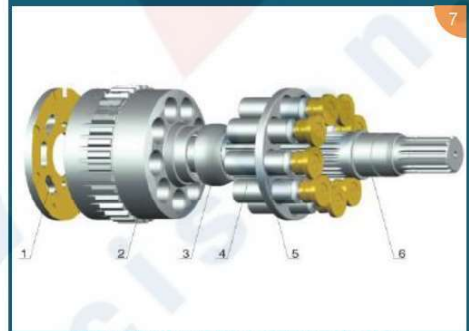
NO.	Description	Quantity/Set
1	Valve Plate	1
2	Cylinder Block	1
3	Piston Shoe	9
4	Drive Shaft	1
5	Center Pin	1

HITACHI



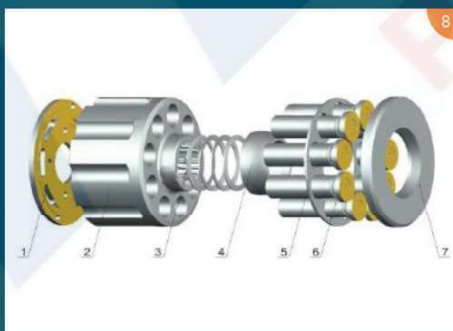
NO.	Description	Quantity/Set
1	Valve Plate	1
2	Cylinder Block	1
3	Piston Shoe	9
4	Drive Shaft	1
5	Retainer Plate	1

HITACHI



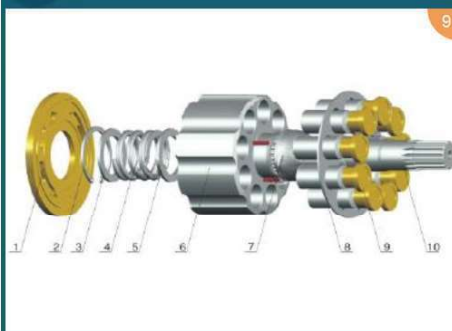
NO.	Description	Quantity/Set
1	Valve Plate	1
2	Cylinder Block	1
3	Ball Guide	1
4	Piston Shoe	9
5	Retainer Plate	1
6	Drive Shaft	1

HITACHI



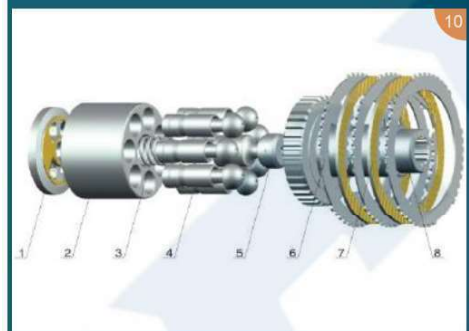
NO.	Description	Quantity/Set
1	Valve Plate M	1
2	Cylinder Block	1
3	Ball Guide Washer	4
4	Ball Guide	1
5	Retainer Plate	1
6	Piston Shoe	9
7	Thrust Plate	1

HITACHI



NO.	Description	Quantity/Set
1	Valve Plate M	1
2	Snap Ring	1
3	Washer Nether	1
4	Coil Spring	1
5	Washer Up	1
6	Cylinder Block	1
7	Ball Guide	1
8	Piston Shoe	9
9	Retainer Plate	1
10	Drive Shaft	1

HITACHI



NO.	Description	Quantity/Set
1	Valve Plate	1
2	Cylinder Block	1
3	Spring	1
4	Piston Shoe	7
5	Center Pin	1
6	Friction Plate	3
7	Seperation Plate	2
8	Drive Shaft	1

HITACHI

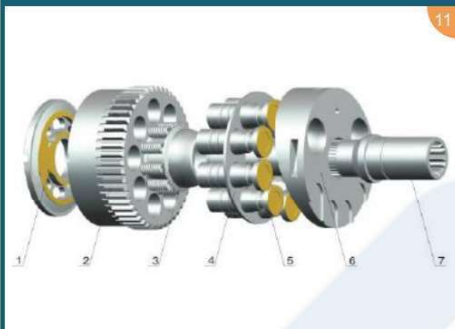
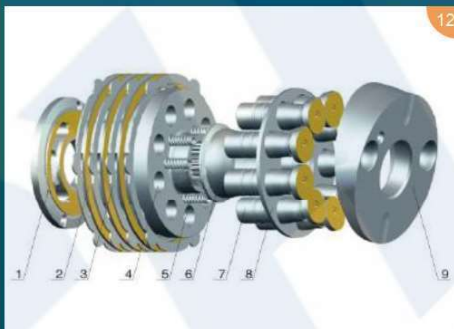


Figure 11

NO.	Description	Quantity/Set
1	Valve Plate M	1
2	Cylinder Block	1
3	Ball Guide	1
4	Retainer Plate	1
5	Piston Shoe	9
6	Swash Plate	1
7	Drive Shaft	1

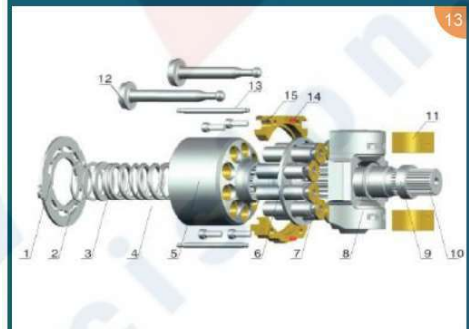
HITACHI



HMGE36EA(ZX200 TRAVEL MOTOR)

NO.	Description	Quantity/Set
1	Valve Plate M	1
2	Friction Plate	3
3	Seperation Plate	4
4	Cylinder Block	1
5	Spring	6
6	Ball Guide	1
7	Piston Shoe	9
8	Drive Shaft	1
9	Swash Plate	1

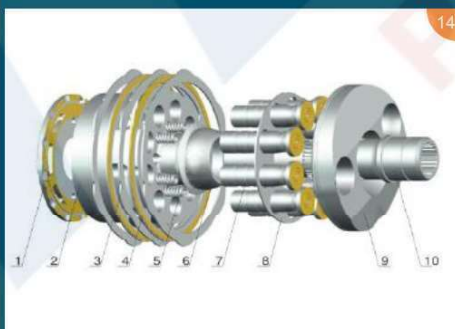
HITACHI



HMF160/200

NO.	Description	Quantity/Set
1	Valve Plate M	1
2	Snap Ring	1
3	Coil Spring	1
4	Washer	2
5	Cylinder Block	1
6	Retainer Plate	1
7	Piston Shoe	9
8	Swash Plate	1
9	Drive Shaft Sleeve	1
10	Drive Shaft	1
11	Saddle Bearing	1
12	Servo Piston	1
13	Press Pin	2
14	Retainer Bolt	4
15	Retainer	2

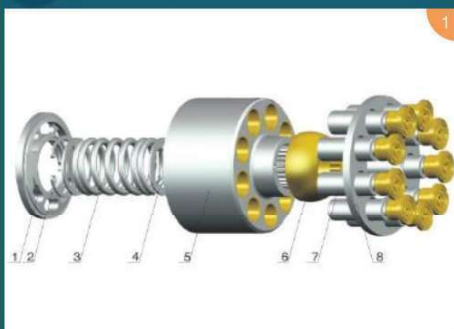
HITACHI



ZX330-2 TRAVEL MOTOR

NO.	Description	Quantity/Set
1	Valve Plate	1
2	Cylinder Block	1
3	Seperation Plate	3
4	Friction Plate	4
5	Spring	6
6	Ball Guide	1
7	Piston Shoe	9
8	Retainer Plate	1
9	Swash Plate	1
10	Drive Shaft	1

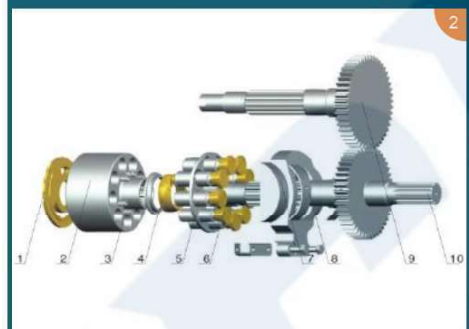
CAT/



VRD63(CAT120)DOUBLE PUMP

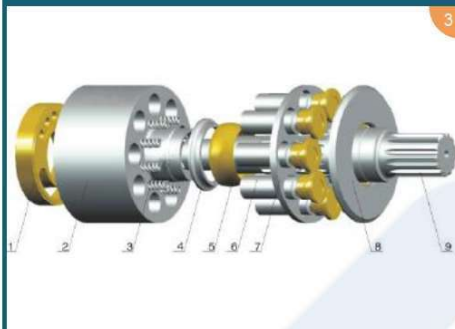
NO.	Description	Quantity/Set
1	Valve Plate	2
2	Snap Ring	2
3	Spring	2
4	Washer	4
5	Cylinder Block	2
6	Ball Guide	2
7	Piston Shoe	18
8	Retainer Plate	2
9	Swash Plate	2
10	Support	2

CAT/

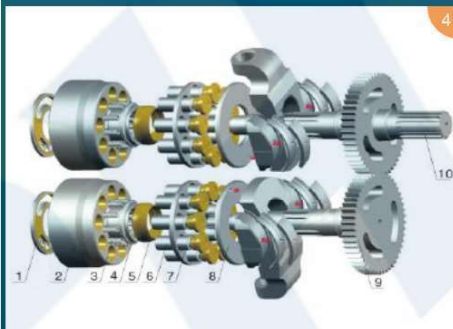


SBS80(CAT312C)

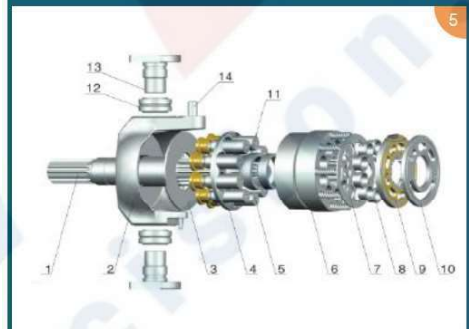
NO.	Description	Quantity/Set
1	Valve Plate L/R	1
2	Cylinder Block	2
3	Ball Guide Spring	6
4	Ball Guide	2
5	Retainer Plate	2
6	Piston Shoe	18
7	Swash Plate	9
8	Saddle Bearing	1
9	Driven Shaft	1
10	Drive Shaft	1

CAT/

E200B/AP-12/14/SPK10/10

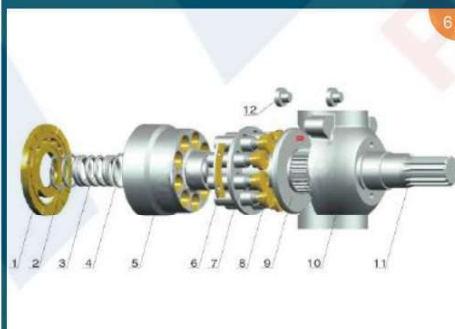
NO.	Description	Quantity/Set
1	Valve Plate	1
2	Cylinder Block	2
3	Spring	18
4	Washer	2
5	Ball Guide	2
6	Piston Shoe	18
7	Retainer Plate	2
8	Thrust Plate	2
9	Drive Shaft	1
10	Axial Shaft	4
11	Bearing	4
12	Charge Pump	1

CAT/

CAT320C DOUBLE PUMP

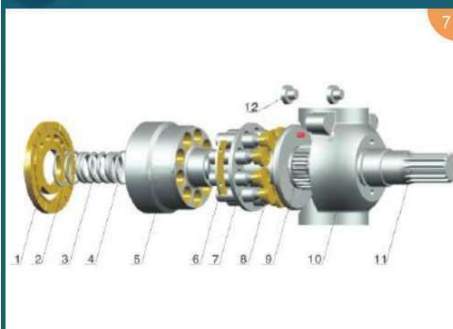
NO.	Description	Quantity/Set
1	Valve Plate L/R	1
2	Cylinder Block	2
3	Spring	18
4	Washer	2
5	Ball Guide	2
6	Piston Shoe	18
7	Retainer Plate	2
8	Thrust Plate	2
9	Driven Shaft	1
10	Drive Shaft	1
11	Axial Shaft	4
12	Bearing	4
13	Servo Piston	1

CAT

SPV10/10(MS180) DOUBLE PUMP

NO.	Description	Quantity/Set
1	Drive Shaft	1
2	Swash Plate	1
3	Thrust Plate	2
4	Retainer Plate	2
5	Piston Shoe	18
6	Cylinder Block	2
7	Retainer Plate	2
8	Drum Seal	1
9	Bearing Plate	2
10	Valve Plate L/R	1
11	Ball Guide	2
12	Bearing	2
13	Axial Shaft	4
14	Pin 1/ Pin 2	1

CAT/

CAT12G/14G/16G

NO.	Description	Quantity/Set
1	Valve Plate	1
2	Snap Ring	1
3	Coil Spring	1
4	Washer	2
5	Cylinder Block	1
6	Retainer	1
7	Retainer Plate	1
8	Piston Shoe	9
9	Thrust Plate	1
10	Swash Plate	1
11	Drive Shaft	1
12	Locating Pin	2

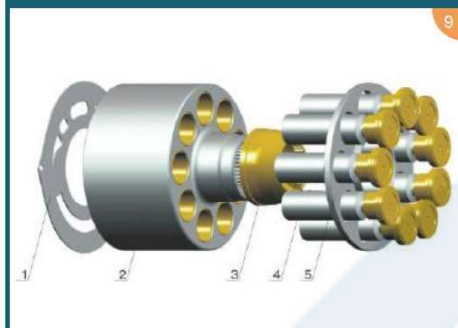
CAT/

CAT215/245/992

NO.	Description	Quantity/Set
1	Valve Plate	1
2	Snap Ring	1
3	Coil Spring	1
4	Washer	2
5	Cylinder Block	1
6	Retainer	1
7	Retainer Plate	1
8	Piston Shoe	9
9	Thrust Plate	1
10	Swash Plate	1
11	Drive Shaft	1
12	Locating Pin	2

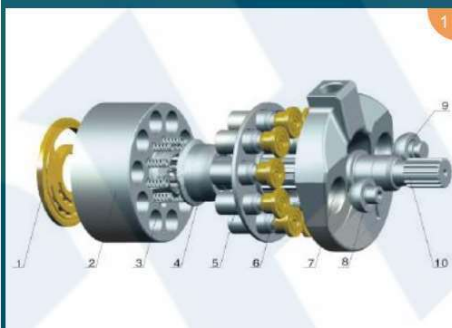
CAT/

PSV450/PSV600

NO.	Description	Quantity/Set
1	Friction Plate	3
2	Cylinder Block	1
3	Spring	9
4	Ball Guide Washer	1
5	Ball Guide	1
6	Retainer Plate	1
7	Piston Shoe	9
8	Valve Plate	1

CAT/

CAT385H

NO.	Description	Quantity/Set
1	Valve Plate	1
2	Cylinder Block	1
3	Ball Guide	1
4	Piston Shoe	9
5	Retainer Plate	1

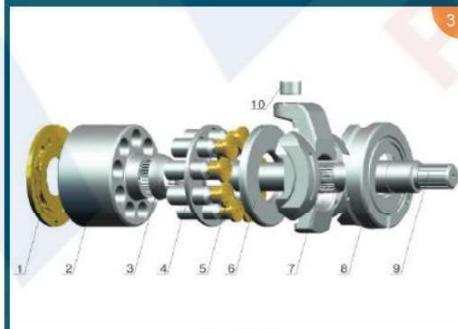
KAWASAKI/

K3SP36C(SDV36)8T MAIN PUMP

NO.	Description	Quantity/Set
1	Valve Plate	1
2	Cylinder Block	1
3	Ball Guide Spring	10
4	Ball Guide	1
5	Retainer Plate	1
6	Piston Shoe	10
7	Swash Plate	1
8	Yoke Ball Left	1
9	Yoke Ball Right	1
10	Drive Shaft	1

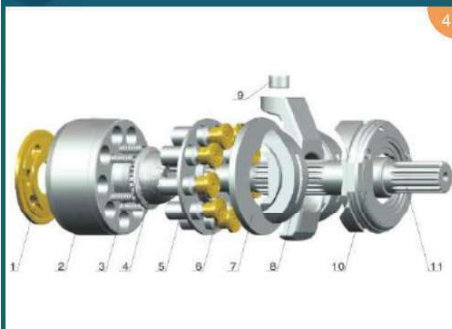
KAWASAKI/

K3V63DT~180DT/280/G280/G180/K5V80~200

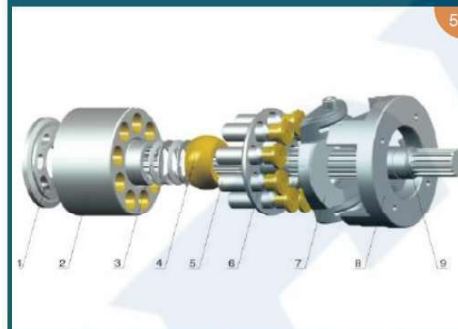
NO.	Description	Quantity/Set
1	Valve Plate	2
2	Cylinder Block	2
3	Washer	2
4	Ball Guide	2
5	Retainer Plate	2
6	Piston Shoe	18
7	Thrust Plate	2
8	Swash Plate	2
9	Support	2
10	Drive Shaft Front/Rear	1

KAWASAKI/

K3VL45/80

NO.	Description	Quantity/Set
1	Valve Plate	1
2	Cylinder Block	1
3	Ball Guide	1
4	Retainer Plate	1
5	Piston Shoe	9
6	Thrust Plate	1
7	Swash Plate	1
8	Support	1
9	Drive Shaft	1
10	Swash Plate Sleeve	1

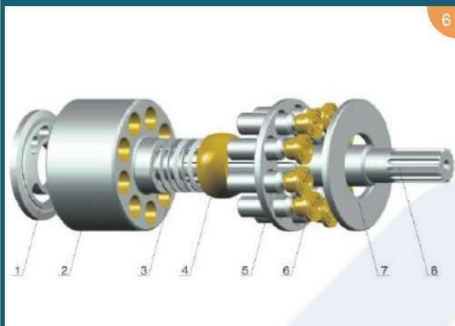
KAWASAKI/

K7V63

NO.	Description	Quantity/Set
1	Valve Plate	2
2	Cylinder Block	2
3	Ball Guide Spring	12
4	Ball Guide	2
5	Retainer Plate	2
6	Piston Shoe	18
7	Thrust Plate	2
8	Swash Plate	2
9	Swash Plate Sleeve	2
10	Support	2
11	Drive Shaft	2

KAWASAKI/

NV64/NV84/NV111DT/NV137/NV172/NV270

NO.	Description	Quantity/Set
1	Valve Plate L/R	1
2	Cylinder Block	2
3	Disc Spring	8
4	Ball Guide	2
5	Piston Shoe	18
6	Retainer Plate	2
7	Swash Plate	2
8	Support	2
9	Drive Shaft Front/Rear	1

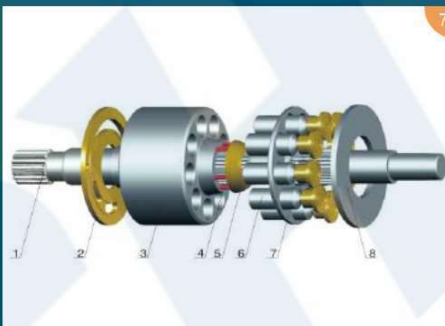
KAWASAKI/



NX15

NO. NO.	Description	Quantity/Set
1	Valve Plate	1
2	Cylinder Block	1
3	Disc Spring	4
4	Ball Guide	1
5	Retainer Plate	1
6	Piston Shoe	9
7	Thrust Plate	1
8	Drive Shaft	1

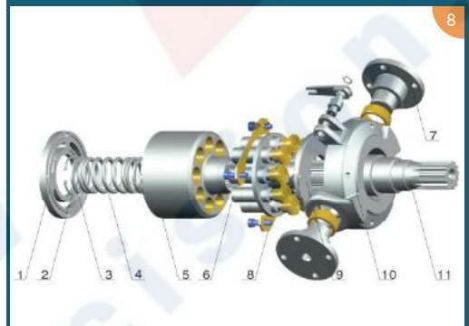
KAWASAKI/



NVK45(KOBELCO EXCAVATOR)

NO. NO.	Description	Quantity/Set
1	Drive Shaft	2
2	Valve Plate	2
3	Cylinder Block	2
4	Press Pin	12
5	Ball Guide	2
6	Piston Shoe	18
7	Retainer Plate	2
8	Thrust Plate	2

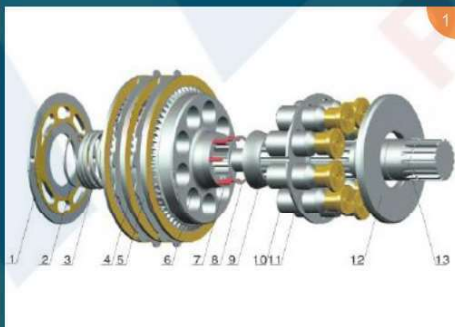
KAWASAKI/



KVC925/KVC930/KVC932

NO. NO.	Description	Quantity/Set
1	Valve Plate	1
2	Snap Ring	1
3	Washer	2
4	Spring	1
5	Cylinder Block	1
6	Piston Shoe	9
7	Axial Shaft	2
8	Retainer Plate	1
9	Thrust Plate	1
10	Swash Plate	1
11	Drive Shaft	1

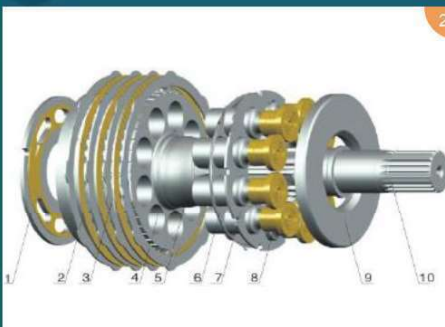
KAWASAKI SWING/



M2X63/96/120/146/150/170/210

NO. NO.	Description	Quantity/Set
1	Valve Plate	1
2	Washer	1
3	Coli Spring	1
4	Friction Plate	3
5	Seperation Plate	4
6	Cylinder Block	1
7	Press Pin	6
8	Washer	1
9	Ball Guide	1
10	Piston Shoe	9
11	Retainer Plate	1
12	Thrust Plate	1
13	Drive Shaft	1

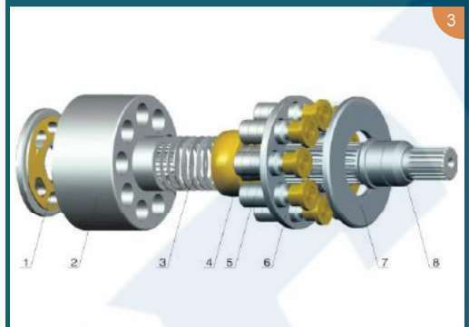
KAWASAKI SWING/



M5X130(CAT320C)/
M5X180(KOBELCO 350-8 SWING MOTOR)

NO. NO.	Description	Quantity/Set
1	Valve Plate M	1
2	Friction Plate	3
3	Seperation Plate	4
4	Cylinder Block	1
5	Ball Guide	1
6	Retainer Plate	1
7	Retainer	1
8	Piston Shoe	9
9	Thrust Plate	1
10	Drive Shaft	1

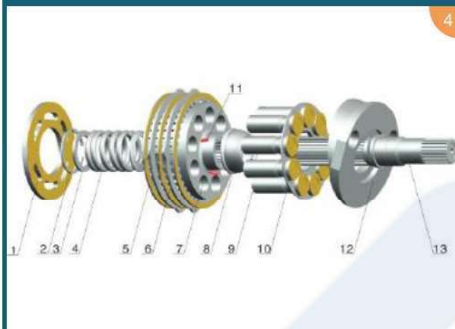
KAWASAKI SWING/



MX150/MX173/MX500

NO. NO.	Description	Quantity/Set
1	Valve Plate	1
2	Cylinder Block	1
3	Disc Spring	1
4	Ball Guide	1
5	Piston Shoe	9
6	Retainer Plate	1
7	Thrust Plate	1
8	Drive Shaft	1

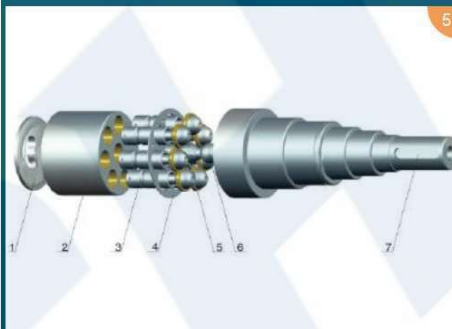
KAWASAKI SWING/



MAG150/170

NO. NO.	Description	Quantity/Set
1	Valve Plate	1
2	Snap Ring	1
3	Washer	1
4	Coil Spring	1
5	Friction Plate	3
6	Seperation Plate	4
7	Cylinder Block	1
8	Ball Guide	1
9	Piston Shoe	9
10	Retainer Plate	1
11	Press Pin	6
12	Swash Plate	1
13	Drive Shaft	1

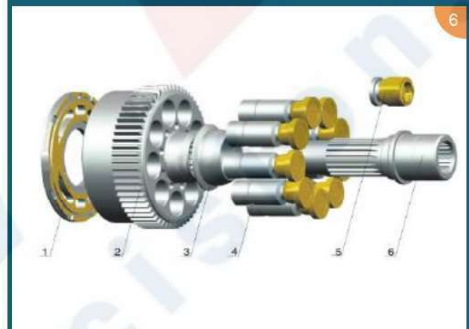
KAWASAKI SWING/



LZV30/120/LVWO60

NO. NO.	Description	Quantity/Set
1	Valve Plate	1
2	Cylinder Block	1
3	Piston Shoe	7
4	Retainer Plate	1
5	Spherical Washer	7
6	Center Pin	1
7	Main Shaft	1

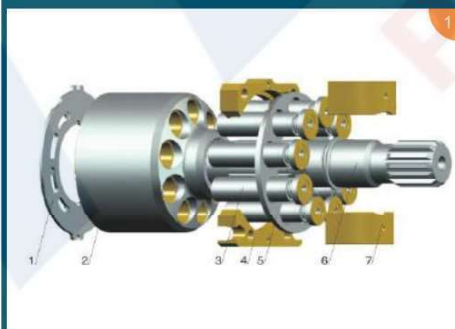
KAWASAKI SWING/



TM40VD TRAVEL MOTOR

NO. NO.	Description	Quantity/Set
1	Valve Plate M	1
2	Cylinder Block	1
3	Ball Guide	1
4	Piston Shoe	9
5	Yoke Piston	1
6	Drive Shaft	1

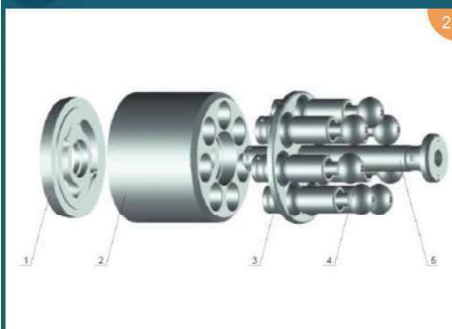
LINDE



HPV55T(LINDE)/HPR75/100/105/130/LINDE
HMR135/HPR

NO. NO.	Description	Quantity/Set
1	Valve Plate	1
2	Cylinder Block	1
3	Piston Shoe	9
4	Retainer	2
5	Retainer Plate	1
6	Drive Shaft	1
7	Saddle Bearing	2
8	Swash Plate	1
9	Support	1

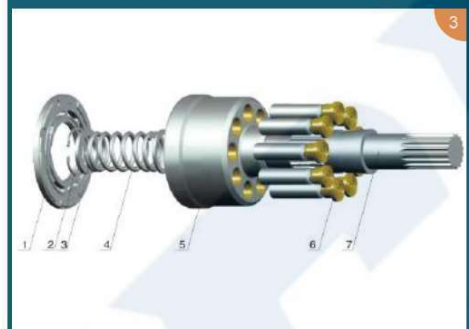
LINDE



B2PV35~140

NO. NO.	Description	Quantity/Set
1	Valve Plate	1
2	Cylinder Block	1
3	Retainer Plate	1
4	Piston Shoe	7
5	Center Pin	1
6	Ball Guide	1

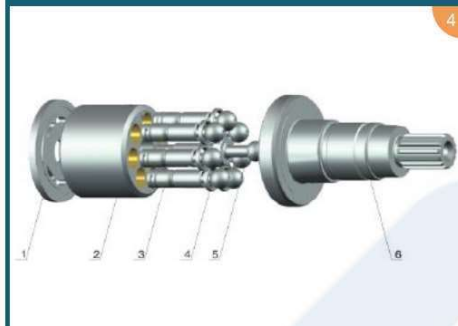
LINDE



BPV35/BPV50 /BPV70 /BPV100

NO. NO.	Description	Quantity/Set
1	Valve Plate	1
2	Snap Ring	1
3	Washer	2
4	Spring	1
5	Cylinder Block	1
6	Piston Shoe	9
7	Main Shaft	1

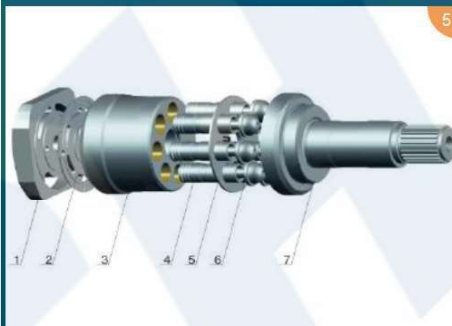
LINDE



BMV75.27

NO. NO.	Description	Quantity/Set
1	Valve Plate	1
2	Cylinder Block	1
3	Piston Shoe	7
4	Spherical Washer	7
5	Center Pin	1
6	Drive Shaft	1

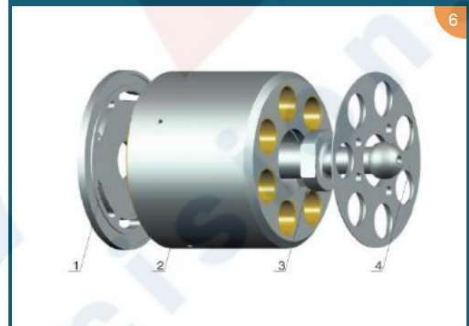
LINDE



BPR140/186/260

NO. NO.	Description	Quantity/Set
1	Swash Plate	1
2	Valve Plate M	1
3	Cylinder Block	1
4	Piston Shoe	7
5	Retainer Plate	1
6	Spherical Washer	7
7	Drive Shaft	1

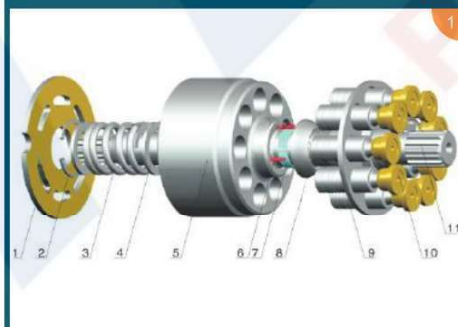
LINDE



BMF50/75/105

NO. NO.	Description	Quantity/Set
1	Valve Plate	1
2	Cylinder Block	1
3	Center Pin	1
4	Retainer Plate	1

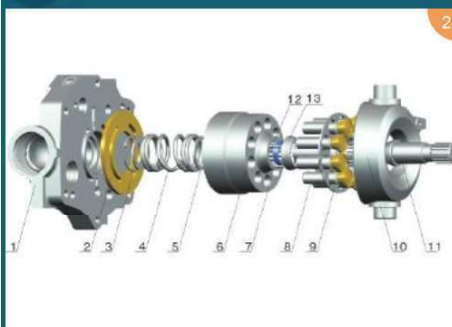
EATON



EATON 006/3322/3932-243/4621/4631-007/5421/5431/6423/7621/78462/CASE1460

NO. NO.	Description	Quantity/Set
1	Valve Plate L/R/M	1
2	Snap Ring	1
3	Spring	2
4	Washer	1
5	Cylinder Block	1
6	Press Pin	3
7	Back-UP Ring	2
8	Ball Guide	1
9	Retainer Plate	1
10	Piston Shoe	9
11	Drive Shaft	1
12	Shaft Seal Kits	1
13	Shaft Seal Kits	1

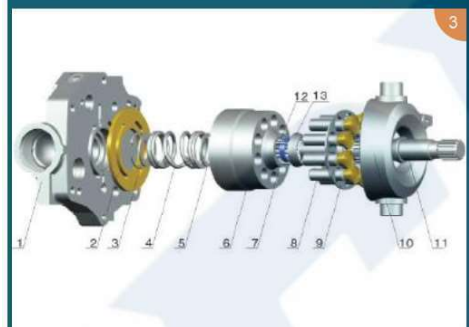
EATON-VICKERS



PVE19/PVE21/TA19

NO. NO.	Description	Quantity/Set
1	Rear Cover	1
2	Valve Plate L/R	1
3	Snap Ring	1
4	Spring	1
5	Washer	2
6	Cylinder Block	1
7	Back-UP Ring	1
8	Piston Shoe	9
9	Retainer Plate	1
10	Swash Plate	1
11	Drive Shaft	1
12	Press Pin	1
13	Ball Guide	1

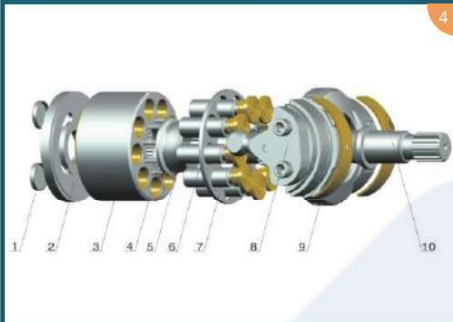
EATON-VICKERS



PVH45~141

NO. NO.	Description	Quantity/Set
1	Valve Plate M	1
2	Snap Ring	1
3	Spring	1
4	Washer	2
5	Counter Piston Assy	1
6	Cylinder Block	1
7	Bolt	4
8	Retainer	2
9	Retainer Plate	2
10	Piston Shoe	18
11	Spacer	2
12	Saddle Bearing	2
13	Drive Shaft	1
14	Valve	1
15	Swash Plate	1

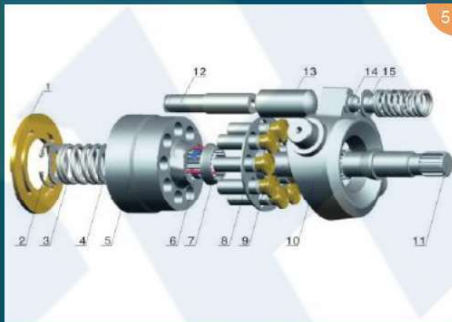
EATON-VICKERS



PVB5/PVB6/PVB10/PVB15/PVB20/
PVB29/PVBQA29-SR/PVB110

Nº	Description	Quantity/Set
1	Rear Cover	1
2	Valve Plate	1
3	Cylinder Block	1
4	Spring	1
5	Ball Guide	1
6	Piston Shoe	9
7	Retainer Plate	1
8	Swash Plate	1
9	Saddle Bearing	2
10	Drive Shaft	1
11	Thrust Plate	1
12	Valve	1

EATON-VICKERS



PVQ40/50

Nº	Description	Quantity/Set
1	Valve Plate M	1
2	Snap Ring	1
3	Spring	1
4	Washer	1
5	Cylinder Block	1
6	Back-UP Ring	1
7	Ball Guide	1
8	Retainer Plate	1
9	Piston Shoe	9
10	Swash Plate	1
11	Drive Shaft	1
12	Servo Piston Rod	1
13	Servo Piston Guide	1
14	Yoke Ball	1
15	Ball Support	1

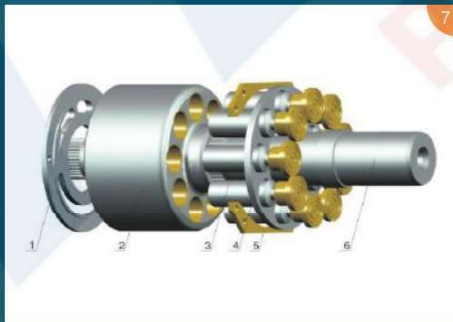
VICKERS



VOLVO/F11-005~250/F12-060/080/110-MF-1H

Nº	Description	Quantity/Set
1	Valve Plate	1
2	Cylinder Block	1
3	Piston Shoe	5
4	Center Pin	1
5	Drive Shaft	1
6	Drive Shaft Key	1
7	Driven Shaft	1

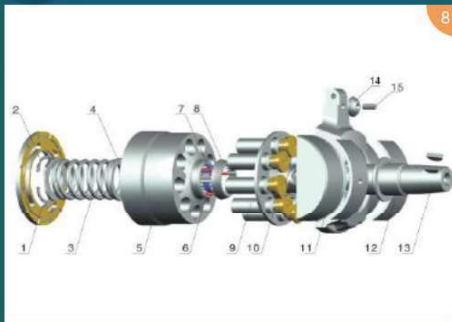
VICKERS



PVSO250

Nº	Description	Quantity/Set
1	Valve Plate	1
2	Cylinder Block	1
3	Piston Shoe	9
4	Retainer Plate	1
5	Retainer	2
6	Drive Shaft	1
7	Retainer	1
8	Saddle Bearing	2

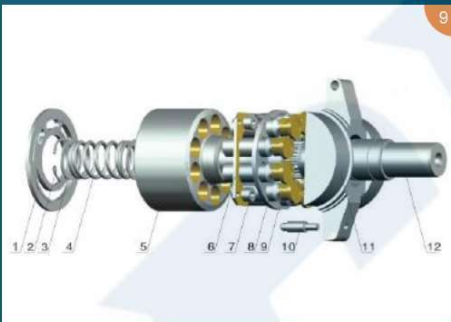
VICKERS



PVM-018/PVM-028

Nº	Description	Quantity/Set
1	Valve Plate M	1
2	Snap Ring	1
3	Spring	1
4	Washer	2
5	Cylinder Block	1
6	Back-UP Ring	1
7	Press Pin	3
8	Ball Guide	1
9	Piston Shoe	9
10	Retainer Plate	1
11	Swash Plate	1
12	Saddle Bearing	2
13	Center Pin	1
14	Yoke Ball	1
15	Ball Support	1

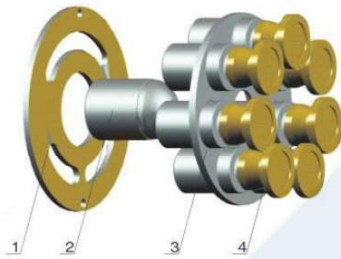
VICKERS



BMHQ30/PV180 PARKER

Nº	Description	Quantity/Set
1	Valve Plate	1
2	Snap Ring	1
3	Coil Spring	1
4	Washer	2
5	Cylinder Block	1
6	Retainer	1
7	Spacer	1
8	Piston Shoe	9
9	Retainer Plate	1
10	Locating Pin	1
11	Swash Plate	1
12	Drive Shaft	2

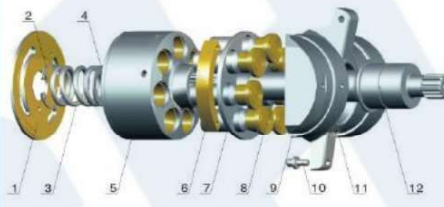
VICKERS



PAVC38/PAVC65/PAVC100 PARKER

NO. NO.	Description	Quantity/Set
1	Valve Plate	1
2	Cylinder Block	1
3	Retainer Plate	1
4	Piston Shoe	7

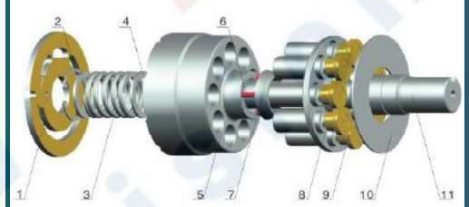
VICKERS



PARKER 2145/P2145 PARKER 23/P2075/PARKER 270/PV270/P2105/P2060

NO. NO.	Description	Quantity/Set
1	Valve Plate	1
2	Snap Ring	1
3	Spring	1
4	Washer	2
5	Cylinder Block	1
6	Retainer	2
7	Retainer Plate	1
8	Piston Shoe	9
9	Swash Plate	1
10	Yoke Piston	1
11	Saddle Bearing	2
12	Drive Shaft	1

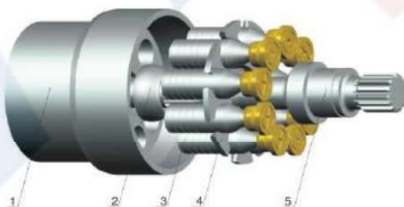
VICKERS



PV29/PV74

NO. NO.	Description	Quantity/Set
1	Valve Plate	1
2	Snap Ring	1
3	Washer	1
4	Spring	2
5	Cylinder Block	1
6	Press Pin	3
7	Ball Guide	1
8	Retainer Plate	1
9	Piston Shoe	9
10	Thrust Plate	1
11	Drive Shaft	1

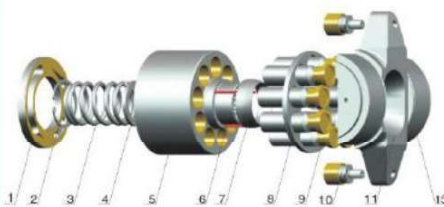
VICKERS



PVG130 B

NO. NO.	Description	Quantity/Set
1	Cylinder Block	1
2	Ball Guide	1
3	Piston Shoe	9
4	Retainer Plate	1
5	Drive Shaft	1

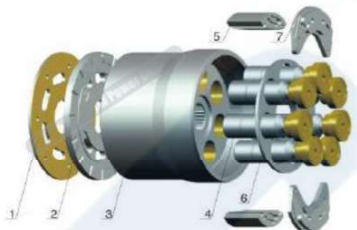
VICKERS



PVT38/PVT64

NO. NO.	Description	Quantity/Set
1	Valve Plate	1
2	Snap Ring	1
3	Coil Spring	1
4	Washer	2
5	Cylinder Block	1
6	Press Pin	1
7	Ball Guide	1
8	Retainer Plate	9
9	Piston Shoe	1
10	Servo Piston	1
11	Swash Plate	1
12	Saddle Bearing	2

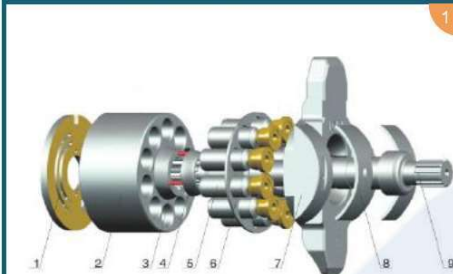
VICKERS



SH5V/131

NO. NO.	Description	Quantity/Set
1	Bearing Plate	1
2	Valve Plate	1
3	Cylinder Block	1
4	Piston Shoe	9
5	Retainer	1
6	Retainer Plate	1
7	Retainer 1	2
8	Retainer 2	2

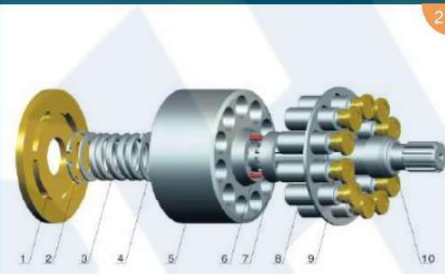
NACHI/



PVD-2B-32L/34L/36L/38/40/42/63

□	Description	Quantity/Set
1	Valve Plate	1
2	Cylinder Block	1
3	Press Pin	3
4	Ball Guide	1
5	Piston Shoe	2
6	Retainer Plate	1
7	Swash Plate	1
8	Saddle Bearing	2
9	Drive Shaft	1

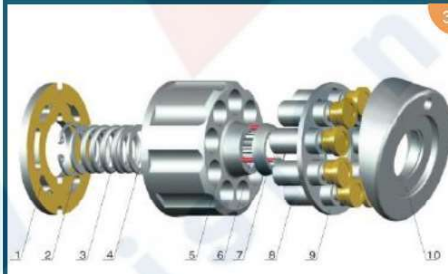
NACHI/



PVK-2B-50S(ZAX55 MAIN PUMP)

NO.	Description	Quantity/Set
1	Valve Plate	1
2	Snap Ring	1
3	Spring	1
4	Washer	2
5	Cylinder Block	1
6	Press Pin	3
7	Ball Guide	1
8	Piston Shoe	11
9	Retainer Plate	1
10	Drive Shaft	1

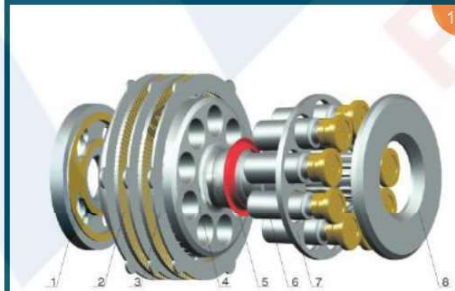
NACHI/



YC35-6/PCL-200-18B(YUCHA 55 SWING MOTORT)

NO.	Description	Quantity/Set
1	Valve Plate	1
2	Snap Ring	1
3	Spring	1
4	Washer	2
5	Cylinder Block	1
6	Press Pin	3
7	Ball Guide	1
8	Piston Shoe	9
9	Retainer Plate	1
10	Swash Plate	1

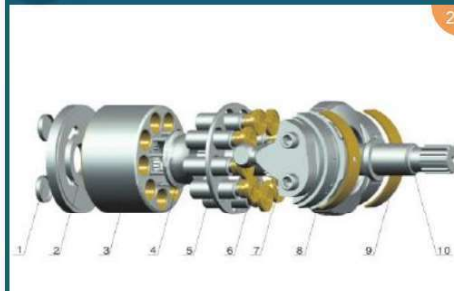
TOSHIBA/



SG02/025/04/08/12/20

NO.	Description	Quantity/Set
1	Valve Plate	1
2	Friction Plate	2
3	Seperation Plate	3
4	Cylinder Block	1
5	Washer	1
6	Piston Shoe	9
7	Retainer Plate	1
8	Thrust Plate	1

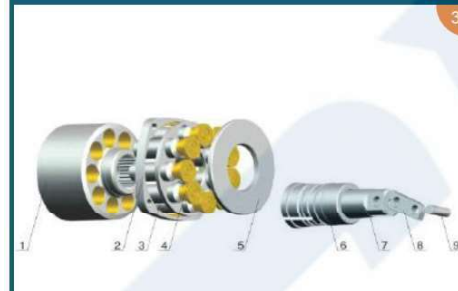
TOSHIBA/



PVB92

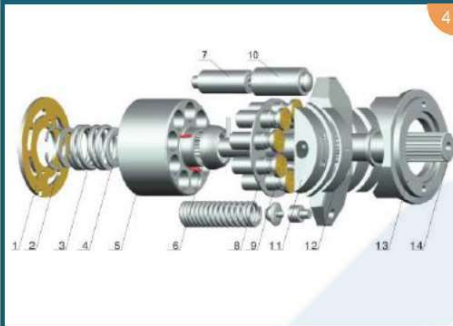
NO.	Description	Quantity/Set
1	Nut	2
2	Valve Plate	1
3	Cylinder Block	1
4	Ball Guide	1
5	Retainer Plate	1
6	Piston Shoe	9
7	Servo Block	1
8	Swash Plate	1
9	Saddle Bearing	2
10	Drive Shaft	1

TOSHIBA/

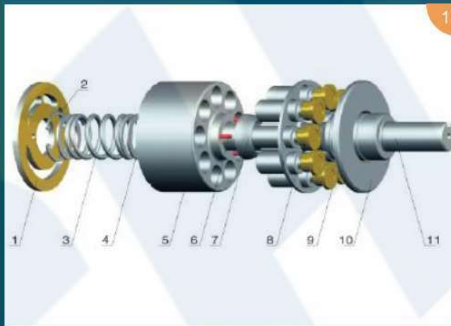


PV090/PV092

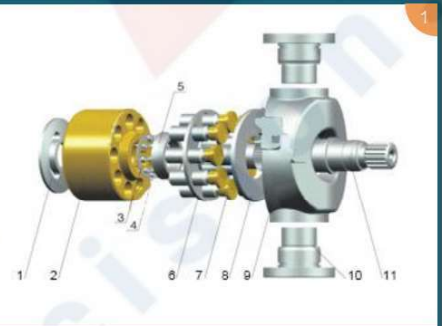
NO.	Description	Quantity/Set
1	Cylinder Block	1
2	Retainer	1
3	Retainer Plate	1
4	Piston Shoe	9
5	Thrust Plate	1
6	Servo Piston Guide	1
7	Servo Piston	1
8	Block	1
9	Pin	1

TOSHIBA/

PSVD SERIES

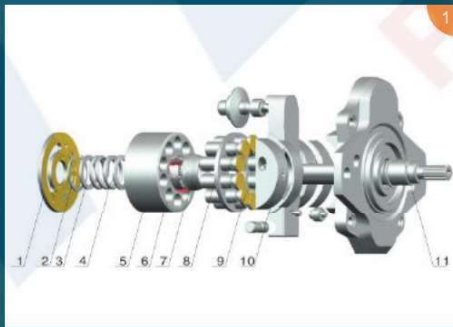
NO.	Description	Quantity/Set
1	Valve Plate L/R	1
2	Snap Ring	1
3	Coli Spring	1
4	Washer	2
5	Cylinder Block	1
6	Ball Guide	1
7	Control Piston	1
8	Retainer Plate	1
9	Piston Shoe	9
10	Control Piston Guide	1
11	Swash Plate	1
12	Saddle Bearing	2
13	Support	1
14	Drive Shaft	1

YUKEN/

A16/A22/A37/A45/A56/A70/A90/A145

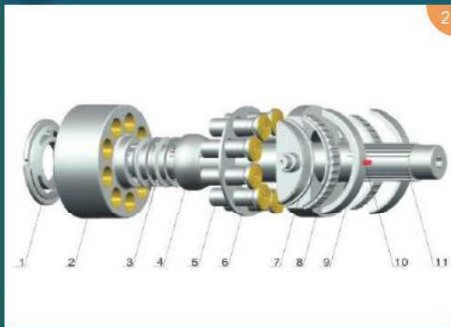
NO.	Description	Quantity/Set
1	Valve Plate	1
2	Snap Ring	1
3	Washer	2
4	Spring	1
5	Cylinder Block	1
6	Press Pin	3
7	Ball Guide	1
8	Piston Shoe	9
9	Retainer Plate	1
10	Thrust Plate	1
11	Drive Shaft	1

LIEBHERR/

LPVD45~260

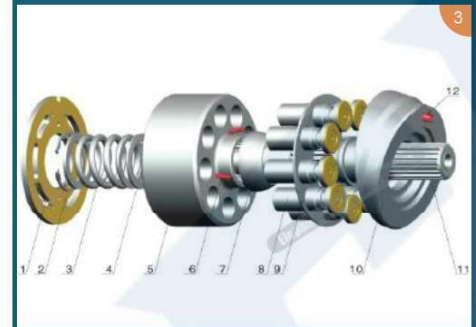
NO.	Description	Quantity/Set
1	Valve Plate	1
2	Cylinder Block	1
3	Snap Ring	1
4	Coli Spring	9
5	Ball Guide	1
6	Retainer Plate	1
7	Piston Shoe	9
8	Thrust Plate	1
9	Swash Plate	1
10	Bearing Seat	4
11	Drive Shaft	1

KAYABA/

PSVD2-16E/21E/26E/27E/PSVD -21/SVD22/PS

NO.	Description	Quantity/Set
1	Valve Plate	1
2	Snap Ring	1
3	Washer	2
4	Spring	1
5	Cylinder Block	1
6	Press Pin	3
7	Ball Guide	1
8	Retainer Plate	1
9	Piston Shoe	10
10	Swash Plate	1
11	Drive Shaft	1
12	Charge Pump	1

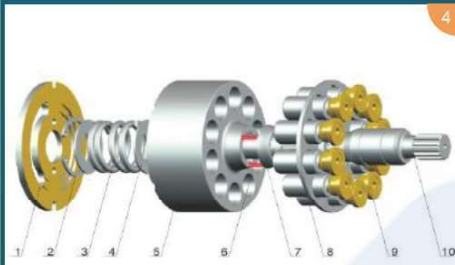
KAYABA/

PSV2-55T(KYB)SUMITOMO 120

NO.	Description	Quantity/Set
1	Valve Plate	1
2	Cylinder Block	1
3	Disc Spring	1
4	Ball Guide	1
5	Piston Shoe	9
6	Retainer Plate	1
7	Swash Plate	1
8	Saddle Bearing	2
9	Saddle Bearing	2
10	Locating Pin	2
11	Drive Shaft	1
12	Charge Pump	1

KAYABA/

MSF-85/GMY18

NO.	Description	Quantity/Set
1	Valve Plate M	1
2	Snap Ring	1
3	Coli Spring	1
4	Washer	2
5	Cylinder Block	1
6	Press Pin	3
7	Ball Guide	1
8	Piston Shoe	9
9	Retainer Plate	1
10	Swash Plate	1
11	Drive Shaft	1
12	Pin	1

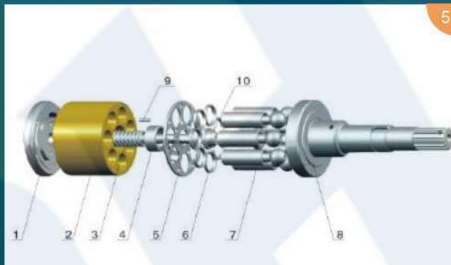
KAYABA/



KYB-25CC/IHISCE 60/PSVK2-25

NO.	Description	Quantity/Set
1	Valve Plate	1
2	Snap Ring	1
3	Coli Spring	1
4	Washer	2
5	Cylinder Block	1
6	Press Pin	3
7	Ball Guide	1
8	Retainer Plate	1
9	Piston Shoe	9
10	Drive Shaft	1

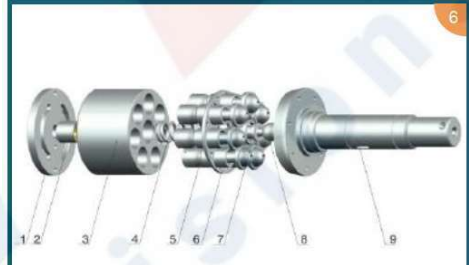
KAYABA/



KMF40/40-2/90/KMF105

NO.	Description	Quantity/Set
1	Valve Plate	1
2	Cylinder Block	1
3	Coli Spring	1
4	Sleeve	1
5	Retainer Plate	1
6	Spherical Washer	7
7	Piston Shoe	7
8	Drive Shaft	1

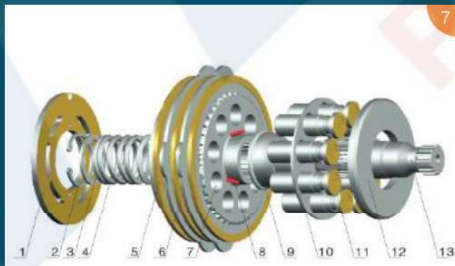
KAYABA/



KYB33/KYB36/KYB87/KYB90(MSG-60P)

NO.	Description	Quantity/Set
1	Valve Plate	1
2	Sleeve	1
3	Cylinder Block	1
4	Coli Spring	1
5	Piston Shoe	7
6	Retainer Plate	1
7	Spherical Washer	7
8	Center Pin	1
9	Drive Shaft	1

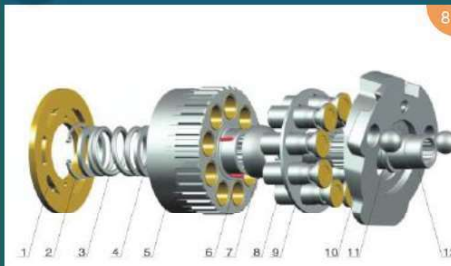
KAYABA/



MSG-27P(KYB)/(LSGMF27/10W)/MSG-44P(KYB)/LSGMF44/10W-R21

NO.	Description	Quantity/Set
1	Valve Plate	1
2	Snap Ring	1
3	Washer	2
4	Spring	1
5	Friction Plate	3
6	Seperation Plate	2
7	Cylinder Block	1
8	Press Pin	3
9	Ball Guide	1
10	Retainer Plate	1
11	Piston Shoe	9
12	Thrust Plate	1
13	Drive Shaft	1

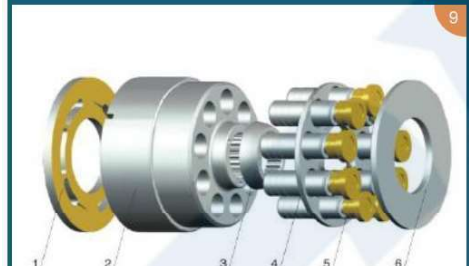
KAYABA/



MAG-33VP-480E-2(4-5.5T TRAVEL MOTORT)

NO.	Description	Quantity/Set
1	Valve Plate	1
2	Snap Ring	1
3	Spring	1
4	Washer	2
5	Cylinder Block	1
6	Press Pin	3
7	Ball Guide	1
8	Piston Shoe	9
9	Retainer Plate	1
10	Swash Plate	1
11	Press Ball	2
12	Drive Shaft	1

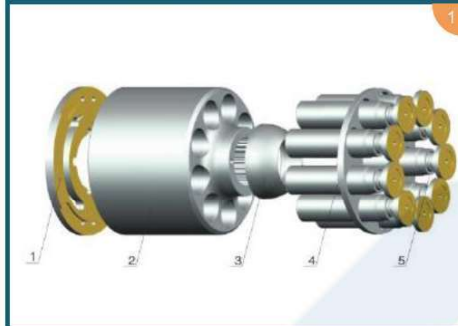
KAYABA/



V25

NO.	Description	Quantity/Set
1	Valve Plate	1
2	Cylinder Block	1
3	Ball Guide	1
4	Retainer Plate	1
5	Piston Shoe	7
6	Thrust Plate	1

HAWE



HAWE V60A

NO.	Description	Quantity/Set
1	Valve Plate	1
2	Cylinder Block	1
3	Ball Guide	1
4	Retainer Plate	1
5	Piston Shoe	9

HAWE



V30D45/V30D95/V30Z95/V30D140/V30D250

NO.	Description	Quantity/Set
1	Bearing Plate	1
2	Valve Plate	1
3	Cylinder Block	1
4	Retainer	1
5	Retainer Plate	1
6	Piston Shoe	9
7	Thrust Plate	1
8	Drive Shaft	1

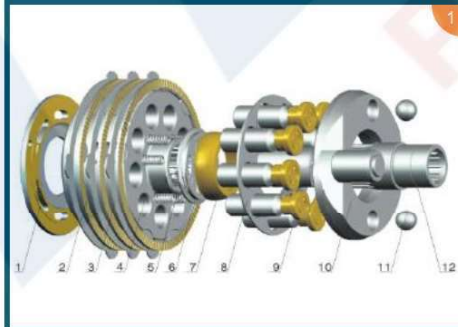
TOKIWA



MKV23/MKV33

NO.	Description	Quantity/Set
1	Valve Plate L/R	1
2	Cylinder Block	1
3	Coli Spring	9
4	Ball Guide	1
5	Piston Shoe	9
6	Retainer Plate	1
7	Thrust Plate	1
8	Drive Shaft	1

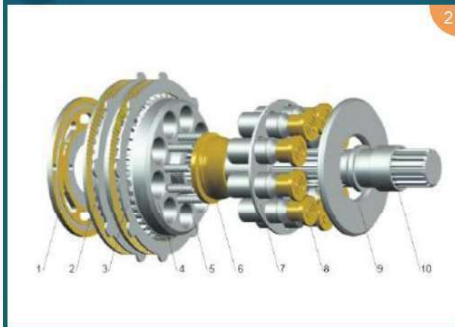
JIC SERIES



YC35-6/PCL-200-18B(YUCHAI 55 SWING MOTOR)

NO.	Description	Quantity/Set
1	Valve Plate L/R/M	1
2	Friction Plate	3
3	Seperation Plate	3
4	Cylinder Block	1
5	Ball Guide Spring	6
6	Ball Guide Washer	1
7	Ball Guide	1
8	Retainer Plate	1
9	Piston Shoe	9
10	Swash Plate	1
11	Servo Ball	2
12	Drive Shaft	1

JIC SERIES



JM6-64/151-VBR/155

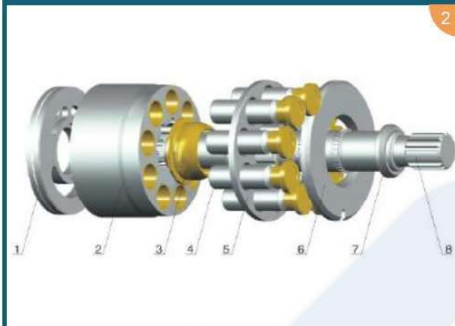
NO.	Description	Quantity/Set
1	Valve Plate M	1
2	Friction Plate	3
3	Seperation Plate	3
4	Cylinder Block	1
5	Spring	9
6	Ball Guide	1
7	Retainer Plate	1
8	Piston Shoe	9
9	Thrust Plate	1
10	Drive Shaft	1

KOBELCO/KATO

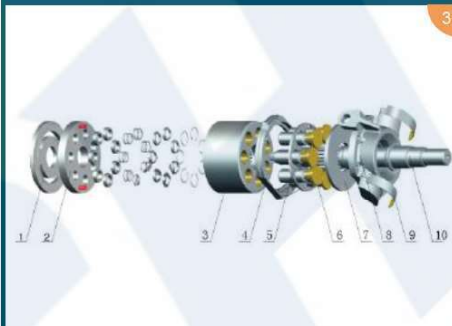


SK250-8/SK200-1/3/6/SK220-2/3/SK320/SK430/
HYUNDAI 300-5 SWING MOTOR

NO.	Description	Quantity/Set
1	Valve Plate	1
2	Friction Plate	3
3	Seperation Plate	4
4	Cylinder Block	1
5	Coli Spring	9
6	Washer	1
7	Ball Guide	1
8	Retainer Plate	1
9	Piston Shoe	9
10	Swash Plate	1
11	Drive Shaft	1

KOBELCO/KATO

HD450V-2 KATO

NO. NO.	Description	Quantity/Set
1	Valve Plate	1
2	Cylinder Block	1
3	Ball Guide	1
4	Piston Shoe	9
5	Retainer Plate	1
6	Thrust Plate	1
7	Back-UP Ring	1
8	Drive Shaft	1

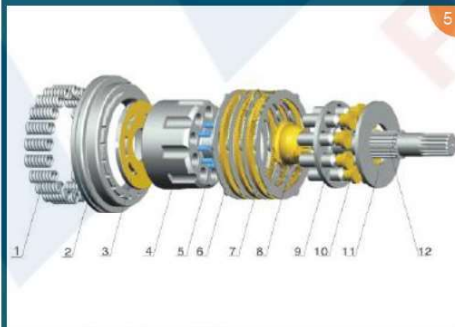
KOBELCO/KATO

HD3000

NO. NO.	Description	Quantity/Set
1	Valve Plate M	1
2	Bearing Plate	1
3	Cylinder Block	1
4	Retainer	2
5	Retainer Plate	1
6	Piston Shoe	3
7	Ball Guide	1
8	Thrust Plate	11
9	Saddle Bearing	1
10	Drive Shaft	1

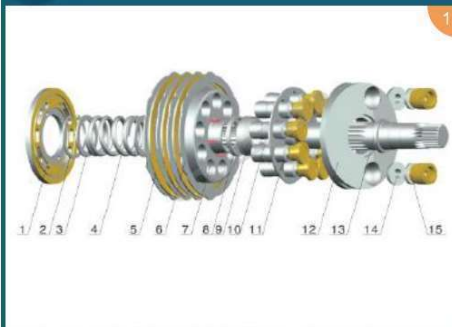
KOBELCO/KATO

DH55/T3X128/DAEWOO 300-7/DH370 SWING MOTOR

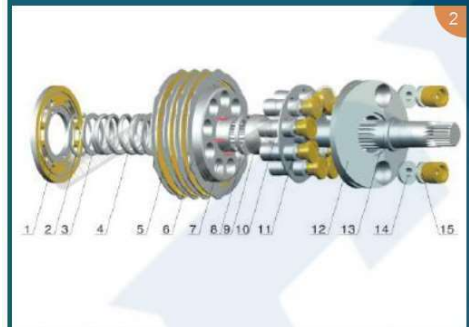
NO. NO.	Description	Quantity/Set
1	Valve Plate	1
2	Cylinder Block	1
3	Ball Guide	1
4	Retainer Plate	1
5	Piston Shoe	9
6	Thrust Plate	1
7	Drive Shaft	1

KOBELCO/KATO

HYUNDAI 60-7/480 SWING MOTOR

NO. NO.	Description	Quantity/Set
1	Spring Seat Spring	20
2	Spring Seat	1
3	Valve Plate	1
4	Cylinder Block	1
5	Ball Guide Spring	9
6	Seperation Plate	4
7	Friction Plate	3
8	Ball Guide	1
9	Retainer Plate	1
10	Piston Shoe	9
11	Thrust Plate	1
12	Drive Shaft	1

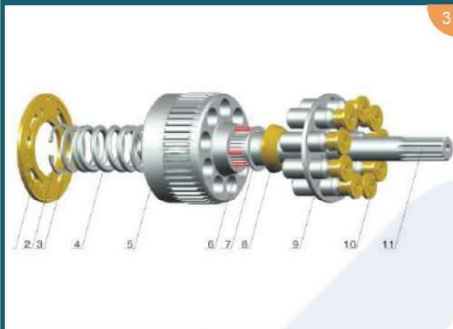
NABTESCO TRAVEL

GM05VL/GM06VL/GM35VLPVD-2B-34/YC35-6/BOBCAT 337/CASE CS05A

NO. NO.	Description	Quantity/Set
1	Valve Plate M	1
2	Snap Ring	1
3	Spacer	2
4	Spring	1
5	Friction Plate	3
6	Seperation Plate	4
7	Cylinder Block	1
8	Spacer	1
9	Ball Guide	1
10	Piston Shoe	9
11	Retainer Plate	1
12	Swash Plate	1
13	Drive Shaft	1
14	Yoke Ball	2
15	Yoke Shoe	2

NABTESCO TRAVEL

GM05-07VA/GM08-23 /GM30H/GM35VA /GM38VB

NO. NO.	Description	Quantity/Set
1	Valve Plate M	1
2	Snap Ring	1
3	Spacer	2
4	Spring	1
5	Friction Plate	3
6	Seperation Plate	4
7	Cylinder Block	1
8	Spacer	1
9	Ball Guide	1
10	Piston Shoe	9
11	Retainer Plate	1
12	Swash Plate	1
13	Drive Shaft	1
14	Yoke Ball	2
15	Yoke Shoe	2

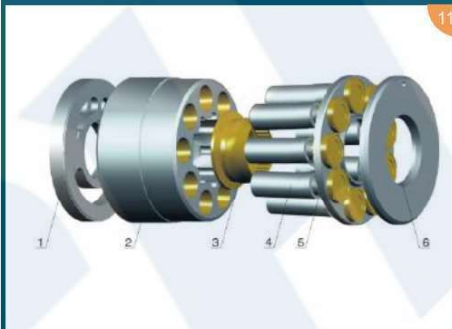
NABTESCO TRAVEL



DNB08

NO.	Description	Quantity/Set
1	Valve Plate	1
2	Snap Ring	1
3	Spacer	2
4	Spring	1
5	Cylinder Block	1
6	Press Pin	1
7	Spacer	1
8	Ball Guide	1
9	Retainer Plate	1
10	Piston Shoe	9
11	Drive Shaft	1

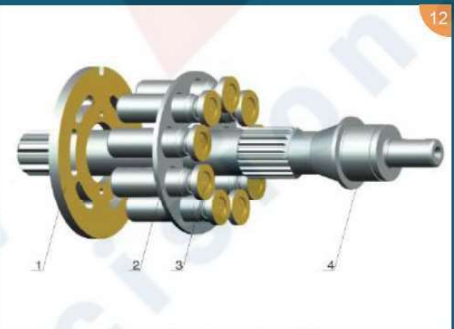
TADANO



TADANO 100/150

NO.	Description	Quantity/Set
1	Valve Plate	1
2	Cylinder Block	1
3	Ball Guide	1
4	Piston Shoe	9
5	Retainer Plate	1
6	Thrust Plate	1

HARVESTER



HPVMF23(T23C)/HPVMF23.7/T28C/T30C/T37C

NO.	Description	Quantity/Set
1	Valve Plate R/M	1
2	Retainer Plate	1
3	Piston Shoe	9
4	Drive Shaft	1

REXROTH SERIES CONTROL VALVE



A6VM-EP2

REXROTH SERIES CONTROL VALVE



A6VM-HA

REXROTH SERIES CONTROL VALVE



A6VM-HD1D

REXROTH SERIES CONTROL VALVE



A11VO45/60/75-LRDS

REXROTH SERIES CONTROL VALVE



A11VO95/130/145-LE2S

REXROTH SERIES CONTROL VALVE



A11VO95/130/145-LRDS

REXROTH SERIES CONTROL VALVE



A11VO95/130/145-LRDU2

REXROTH SERIES CONTROL VALVE



A11VO190/260-LE2S

REXROTH SERIES CONTROL VALVE



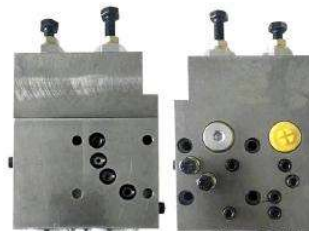
A11VO190/260-LRDS

REXROTH SERIES CONTROL VALVE



A11VO190/260-LRDU2

HAWE SERIES CONTROL VALVE



V30D

SAUER SERIES CONTROL VALVE



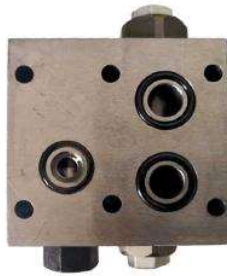
90R75/100

SAUER SERIES CONTROL VALVE



PV22/23

SAUER SERIES CONTROL VALVE



PV22/23

KAWASAKI SERIES CONTROL VALVE



K3V112

CHARGE PUMP



A4VG28-1

CHARGE PUMP



A4VG28-2

CHARGE PUMP



A4VG40-1

CHARGE PUMP



A4VG40-2

CHARGE PUMP



A4VG40-3

CHARGE PUMP



A4VG56-1



A4VG56-2



A4VG71-1



A4VG71-2

CHARGE PUMP



A4VG90-1

CHARGE PUMP



A4VG90-2

CHARGE PUMP



A4VG90-3

CHARGE PUMP



A4VG125-1

CHARGE PUMP



A4VG125-2

CHARGE PUMP



A4VG125-3

CHARGE PUMP



A4VG180-1

CHARGE PUMP



A4VG250-1

CHARGE PUMP



A4VG250-2

CHARGE PUMP



A4VTG71-1

CHARGE PUMP



A4VTG90-1

CHARGE PUMP



A4VTG90-2

CHARGE PUMP



A10VG28

CHARGE PUMP



A10VG45

CHARGE PUMP



A10VG63-1

CHARGE PUMP



A10VG63

CHARGE PUMP



SPV6/119

CHARGE PUMP



PV90R42

CHARGE PUMP



PV90R55

CHARGE PUMP



PV90R75/100

CHARGE PUMP



PV90R130