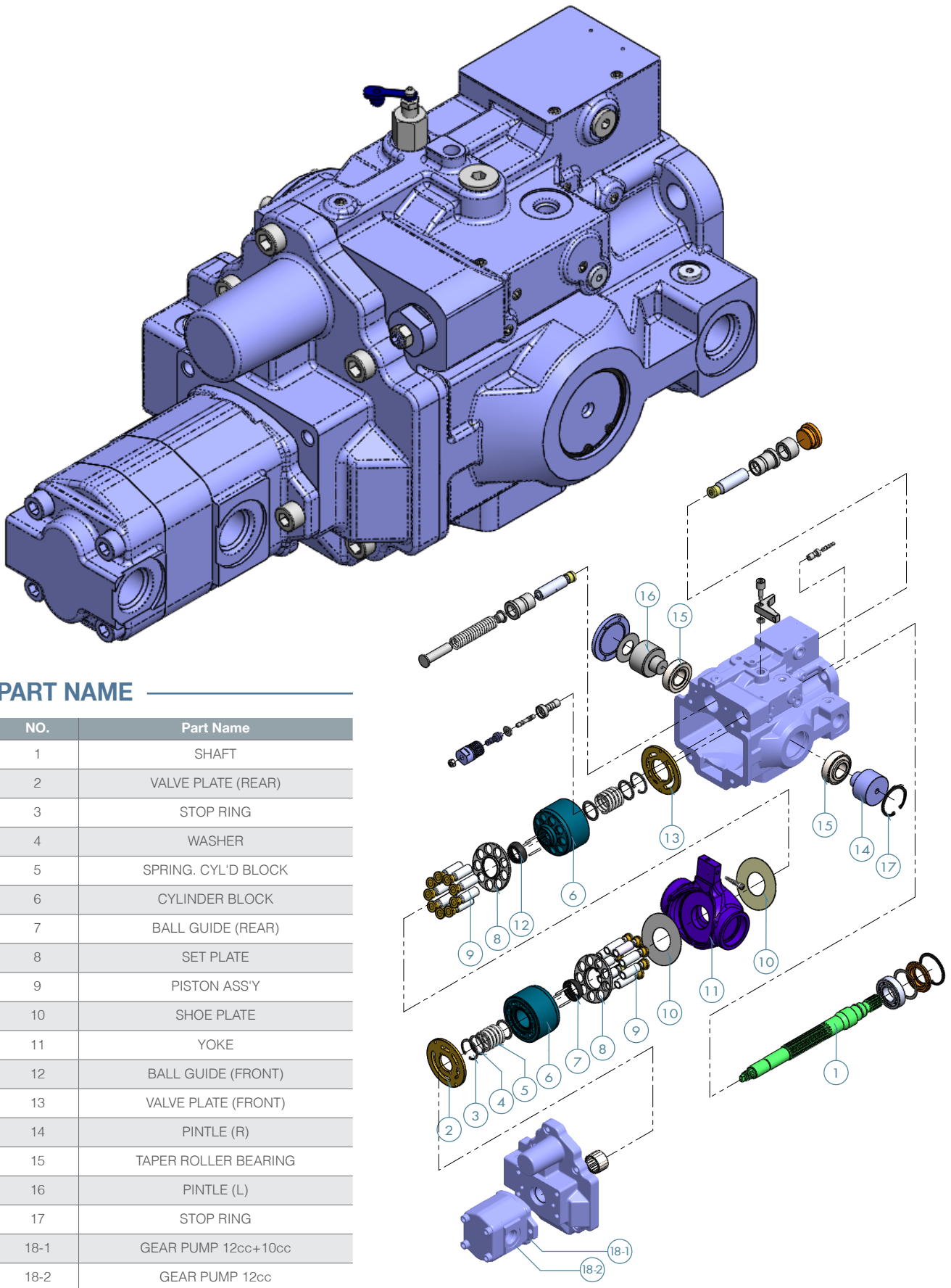


A10VD43

Piston Type Main Pump For Excavator



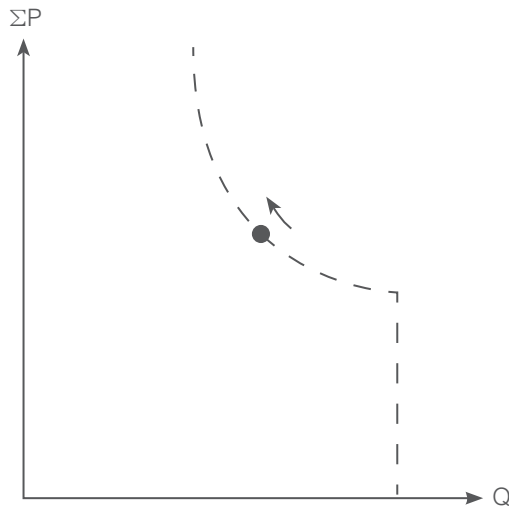
PART NAME

NO.	Part Name
1	SHAFT
2	VALVE PLATE (REAR)
3	STOP RING
4	WASHER
5	SPRING. CYL'D BLOCK
6	CYLINDER BLOCK
7	BALL GUIDE (REAR)
8	SET PLATE
9	PISTON ASS'Y
10	SHOE PLATE
11	YOKE
12	BALL GUIDE (FRONT)
13	VALVE PLATE (FRONT)
14	PINTLE (R)
15	TAPER ROLLER BEARING
16	PINTLE (L)
17	STOP RING
18-1	GEAR PUMP 12cc+10cc
18-2	GEAR PUMP 12cc

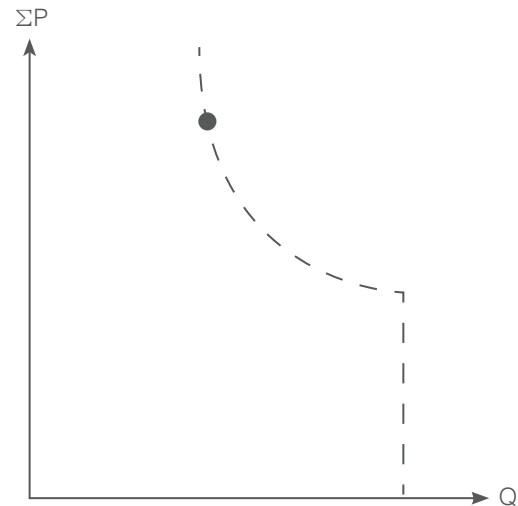
SPECIFICATIONS

Model	Displacement(m ² /rev)				Rated pressure(kgf/cm ²)				Max speed(rpm)	Application(ton)
	A1	A2	A3	A4	A1	A2	A3	A4		
A10VD43+12cc+10cc	43	43	12	10	220	220	180	50	2200	5~8
A10VD43+12cc	43	43	12	-	220	220	50	-	2200	5~8

CHARACTERISTICS

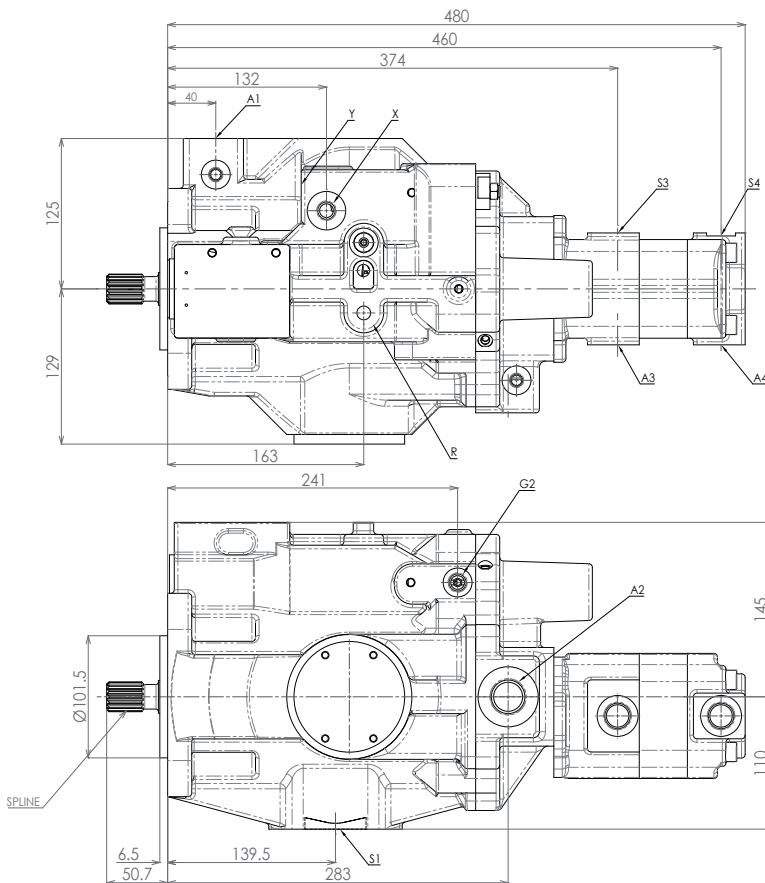


Control state(In operation)

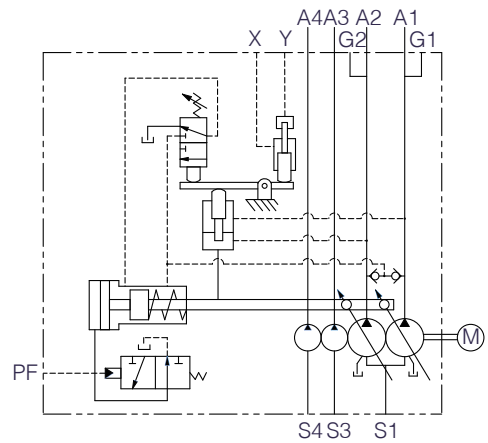


Control state(Balanced)

DIMENSIONS



CIRCUIT DIAGRAM



PORT SIZE

Port	Port name	Port size
A1, A2	Delivery port	PF 3/4
A3	Gear pump Delivery port	PF 3/4
A4	Gear pump Delivery port	PF 1/2
S1	Suction port	SAE 2
S3	Gear pump suction port	PF 3/4
S4	Gear pump suction port	PF 1/2
X	Pilot port	PF 1/4
Y	Pilot port	PF 3/8
G1,G2	Gauge port	PF 1/4
R	Air vent port	PF 1/4