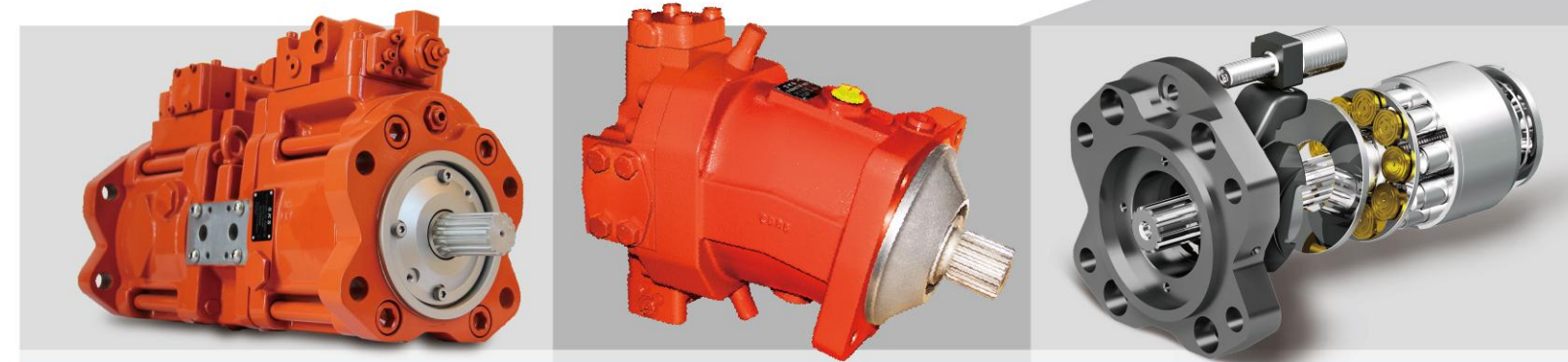


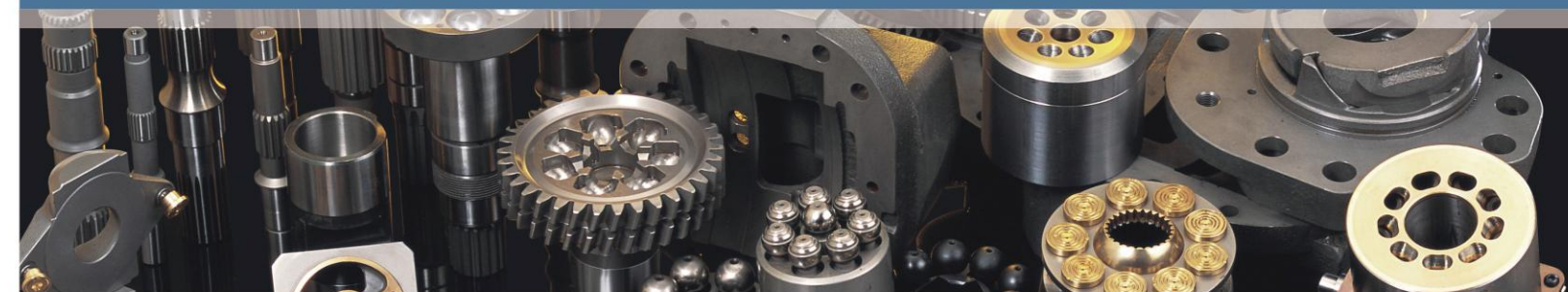
HYDRAULICS

HYDRAULIC PISTON PUMP、MOTOR & PARTS
GEAR PUMP、CHARGE PUMP、HYDRAULIC VALVE
GEARBOX & PARTS

SOLUTIONS



HIGH QUALITY WIDE RANGE FAST SERVICE



SKS HYDRAULICS



SKS Web

wechat

SKS HYDRAULIC TECHNOLOGY CO.,LTD.

No.195 Huaye Street, Jiangbei District, Ningbo City,
Zhejiang Province, China.

ZHEJIANG SKS HYDRAULIC CO.,LTD.

No.1058, Jiangxian Road, Yuxin Town,Nanhu District, Jiaxing City,
Zhejiang Province, China.

Tel: 0086-574-87629258

E-mail: sales@saikesi.com



SKS HYDRAULICS

INTRODUCTION

SKS HYDRAULIC TECHNOLOGY CO., LTD. Founded in April 2005, SKS Hydraulic Technology Co., Ltd. is a national high-tech enterprise with the main business of hydraulic piston pump, motor, gearbox and spare parts.

SKS considers the production as the fundamental. After years of development, our company has established a unique manufacturing system, which has a complete set of manufacturing processes and equipment for piston pump, motor and gearbox from precision casting, precision forging, precision machining, heat treatment, bi-metal sintering, assembly to testing, and has passed the ISO9001 quality system certification.

SKS considers R & D as life. Our company has a provincial high-tech enterprise R & D center, and has undertaken 2 national torch programs, 1 national key new product project, and 1 national major scientific and technological achievement transformation project. In addition, lots of our products have won industry technology progress awards. In 2019, our company was named as "Zhejiang Hidden Champion Enterprise". As of the end of 2023, SKS has 141 patents, including 23 invention patents and 91 utility model patents.

SKS considers the customer service as a heavenly duty. Adhering to the management concept of "high-quality, multi-variety, fast service", our company has more than 50 domestic and foreign dealers, and has established a complete sales and service system that covering 31 domestic provinces, cities and autonomous regions and extending to the major global markets.

SKS has become one of the leading enterprises in the domestic hydraulic aftermarket, and our after market share of the hydraulic piston pump and motor is in the forefront of China. "SKS" has being a well-known brand in domestic and abroad market, and has successively won awards such as the high-quality brand of China machinery industry, the famous trademark of Zhejiang Province, and Ningbo brand products. SKS is committed to become a leader in the hydraulic fluid power industry, and provide high-quality hydraulic products and hydraulic solutions for global customers.



R&D Team



Testing Equipment



Heat Treatment Equipment



Testing Equipment



Assembly Line



Product Showroom



Casting Equipment



Casting Equipment



Workshop Equipment



Workshop Equipment



Workshop Equipment



Workshop Equipment

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High-Pressure Piston Pump / Motor

NO.	SKS TYPE	REFERENCE	APPLICATION
1	SA2FO10/SA2FM10	A2FO10/A2FM10	Industry Machinery,Metallurgical Machinery,Mining Machinery, Construction Machinery,Marine Machinery
2	SA2FO12/SA2FM12	A2FO12/A2FM12	
3	SA2FO16/SA2FM16	A2FO16/A2FM16	
4	SA2FO23/SA2FM23	A2FO23/A2FM23	
5	SA2FO28/SA2FM28	A2FO28/A2FM28	
6	SA2FO32/SA2FM32	A2FO32/A2FM32	
7	SA2FO45/SA2FM45	A2FO45/A2FM45	
8	SA2FO56/SA2FM56	A2FO56/A2FM56	
9	SA2FO63/SA2FM63	A2FO63/A2FM63	
10	SA2FO80/SA2FM80	A2FO80/A2FM80	
11	SA2FO90/SA2FM90	A2FO90/A2FM90	
12	SA2FO107/SA2FM107	A2FO107/A2FM107	
13	SA2FO125/SA2FM125	A2FO125/A2FM125	
14	SA2FO160/SA2FM160	A2FO160/A2FM160	
15	SA2FO180/SA2FM180	A2FO180/A2FM180	
16	SA2FE56	A2FE56	Construction Machinery,marine Machinery,flat Push Dump Truck
17	SA2FE63	A2FE63	
18	SA2FE80	A2FE80	
19	SA2FE90	A2FE90	
20	SA2FE107	A2FE107	
21	SA2FE125	A2FE125	
22	SA2FE160	A2FE160	
23	SA2FE180	A2FE180	
24	SA11VO40	A11VO40	Industry Machinery,Metallurgical Machinery, Mining Machinery,Construction Machinery
25	SA11VO60	A11VO60	
26	SA11VO75	A11VO75	
27	SA11VO95	A11VO95	
28	SA11VO115	A11VO115	
29	SA11V(L)O130	A11V(L)O130	
30	SA11V(L)O145	A11V(L)O145	
31	SA11V(L)O190	A11V(L)O190	
32	SA11V(L)O260	A11V(L)O260	
33	SA20VO60	A20VO60	Industry Machinery,Metallurgical Machinery, Mining Machinery,Construction Machinery
34	SA20VLO190	A20VLO190	
35	SA20VLO260	A20VLO260	
36	SA6VE55	A6VE55	Construction Machinery, Rotary Drilling Rig
37	SA6VE80	A6VE80	
38	SA6VE107	A6VE107	
39	SA6VE160	A6VE160	
40	SA6VM55	A6VM55	
41	SA6VM80	A6VM80	
42	SA6VM107	A6VM107	
43	SA6VM160	A6VM160	
44	SA6VM200	A6VM200	
45	SA6VM85/71	A6VM85/71	
46	SA6VM115/71	A6VM115/71	
47	SA6VM170/71	A6VM170/71	
48	SA6VM215/71	A6VM215/71	
49	SK3VL45	K3VL45	Excavator
50	SK3VL80	K3VL80	
51	SK3V112S	K3V112S	

High-Pressure Piston Pump / Motor

NO.	SKS TYPE	REFERENCE	APPLICATION
52	SK3V63DT/DTP	K3V63DT/DTP	Industry Machinery,Metallurgical Machinery,Mining Machinery, Construction Machinery,Marine Machinery
53	SK3V112DT/DTP	K3V112DT/DTP	
54	SK3V140DT/DTP	K3V140DT/DTP	
55	SK3V180DT/DTP	K3V180DT/DTP	
56	SK5V80DT/DTP	K5V80DT/DTP	
57	SK5V140DT/DTP	K5V140DT/DTP	
58	SK5V160DT/DTH	K5V160DT/DTH	
59	SK5V200DT/DTH	K5V200DT/DTH	
60	SK5V212DPH	K5V212DPH	Excavator
61	SK7V63	K7V63	Excavator
62	SK7V125	K7V125	
63	SK7V140	K7V140	
64	SK7V180	K7V180	
65	SK7V280	K7V280	
66	SHPV102	HPV102	EX200-6
67	SHPV118	HPV118	ZAX330-7
68	SHPV145	HPV145	ZAX330
69	SAP2D25	AP2D25	Miniature Hydraulic Excavator
70	SAP2D36	AP2D36	
71	SA7VO55	A7VO55	Stand Pump
72	SA7VO107	A7VO107	
73	SA7VO160	A7VO160	
74	SM5X130	M5X130	Hydraulic Excavator-Swing
75	SM5X180	M5X180	
76	SA22VG045	A22VG045	Hydrostatic Travle Pump
77	SA4VTG90	A4VTG90	Agricultural Machinery Closed Walking
78	SA4VG100	A4VG100	
79	SA4VG110	A4VG110	
80	SA4VG125	A4VG125	
81	SMSF340	MSF340	Excavator Travle Motor
82	SF12-ISO	F12-ISO	Vibrating Hammer Motor (005/90/110)
83	SF12-SAE	F12-SAE	
84	SF12-019	F12-019	

Medium-Pressure Piston Pump / Motor

NO.	SKS TYPE	REFERENCE	APPLICATION
1	SA10VSO18/31	A10VSO18/31	Min Excavation 0.8~2.2t, Concrete Pump Truck
2	SA10VSO28/31	A10VSO28/31	
3	SA10VSO45/31	A10VSO45/31	Industry Machinery,Metallurgical Machinery, Mining Machinery,Construction Machinery
4	SA10VSO71/31	A10VSO71/31	
5	SA10VS100/31	A10VS100/31	
6	SA10VS110/31	A10VS110/31	
7	SA10VSO140/31	A10VSO140/31	
8	SA10VO28/52	A10VO28/52	Industry Machinery,Metallurgical Machinery, Mining Machinery,Construction Machinery
9	SA10VO45/52	A10VO45/52	
10	SA10VO60/52	A10VO60/52	
11	SA10VO85/52	A10VO85/52	Hydraulic Excavator
12	SA10VO60/53	A10VO60/53	
13	SA10VO63/53	A10VO63/53	
14	SA10VO72/53	A10VO72/53	
15	SA10VO85/53	A10VO85/53	
16	SA10VO100/53	A10VO100/53	
17	SA10VD43	A10VD43	Hydraulic Excavator
18	SA10VNO45/52	A10VNO45/52	Agricultural Machinery
19	SA10VNO63/52	A10VNO63/52	
20	SA10VNO45/53	A10VNO45/53	
21	SA10VNO85/53	A10VNO85/53	
22	SA10CNO45/52	A10CNO45/52	Agricultural Machinery
23	SA10CNO63/52	A10CNO63/52	
24	SA10CNO85/53	A10CNO85/53	
25	SMMF044	MMF044	Cotton Picker
26	SPVH57	PVH57	Industry Machinery,Metallurgical Machinery, Mining Machinery,Construction Machinery
27	SPVH74	PVH74	
28	SPVH98	PVH98	
29	SPVH131	PVH131	
30	SPVH141	PVH141	
31	SPVD-0B-18P	PVD-0B-18P	Mini Excavator
32	SPVD-1B-30P	PVD-1B-30P	
33	SPVD-2B-40P	PVD-2B-40P	
34	SPVK-2B-505	PVK-2B-505	
35	SVD22	PSVD22	3~5T Hydraulic Excavator
36	SVD27	PSVD27	
37	SDV36	K3SP36C	6~8T Hydraulic Excavator
38	SPVC90R	PVC90R	6~10T Hydraulic Excavator
39	SKC38	KC38	Hydraulic Aerial Cage
40	SA10VM45	A10VM45	Mining Machinery
41	S74318	74318	Agricultural Machinery

Low-Pressure Piston Pump / Motor

NO.	SKS TYPE	REFERENCE	APPLICATION
1	SPVB5	PVB5	Industry Machinery,Mining Machinery
2	SPVB6	PVB6	
3	SPVB10	PVB10	
4	SPVB15	PVB15	
5	SPVB20	PVB20	
6	SPVB29	PVB29	
7	SPVB45	PVB45	

Low-Pressure Piston Pump / Motor

NO.	SKS TYPE	REFERENCE	APPLICATION
8	SPVQ10	PVQ10	Industry Machinery,Mining Machinery
9	SPVQ13	PVQ13	
10	SPVQ20	PVQ20	
11	SPVQ32	PVQ32	
12	SPVQ40	PVQ40	
13	SPVQ45	PVQ45	
14	SPVE19	PVE19	Industry Machinery,Forestry Machinery,Agricultural Machinery
15	SPVE21	PVE21	
16	STATA1919	TATA1919	

Fan Pump / Motor

NO.	SKS TYPE	REFERENCE	APPLICATION
1	SA10VSO28/31ED73-VSC	A10VO28/31ED73-VSC	CAT330D/336D Fan Pump
2	SA10VSO28/31ED73-VCC	A10VO28/31ED73-VCC	CAT345C/CAT345B Fan Pump
3	SA10FE10	A10FE10	CAT325C/322C Fan Motor
4	SA10FE11	A10FE11	VOLVO-A25 Fan Motor
5	SA10FE16	A10FE16	CAT330C Fan Motor
6	SA10FE28	A10FE28	CAT336GC Fan Motor
7	SA10FE45	A10FE45	CAT345GC/CAT349GC Fan Motor
8	SA10FM28	A10FM28	CAT330D/336D/345B Fan Motor
9	SA10FM63	A10FM63	CAT345D Fan Motor
10	SK3VL28	K3VL28	SY485 Fan Pump
11	SK3VL45	K3VL45	SY850 Fan Pump
12	SA10VNO41	A10VNO41	CAT345D/349 Fan Pump
13	SMSF18	MSF18	Hydraulic Excavator Fan Motor
14	SMSF-23	MSF-23	EC700 Fan Motor /SY485 Fan Motor
15	SMSF-50-48	MSF-50-48	ZAX470 Fan Motor
16	S74315	74315	CAT824/825 Fan Motor
17	S74318	74318	

Parts Of Pump / Motor

NO.	TYPE	REFERENCE	APPLICATION
1	Hydraulic Valve	K3V、A11V、A10VSO、PVC90R、PV20	Variable valves fitted to the main pump
		PVB、PVQ、PVH、PVE Variable Valve	
		Travel/swing Motor、JMV53、MSG Control Valve	Control valves fitted to the stravel motor
2	Gear Pumps	K3V、A8VO160/200、PVC90R	Gear pump matching on main pump
		PVK-2B-505、PSVD21/27	
		CAT320C、EX200-1/5、PV20	
		PC200-3/6 Various Series Of Gear Pumps	
3	Charge Pumps	A4V Series	Rexroth hydraulic pump with gear pump
4	Hydraulic Pump Spare Parts	KOMATSU、HITACHI、KYB	Excavator hydraulic pump spare parts
		NACHI、KAWASAKI、NABTESCO、ZF	Excavator hydraulic pump,motor & spare parts
		SUMITOMO、UCHIDA、LIEBHERR、TOSHIBA、VOLVO、YUKEN	
		REXROTH、SAUER、EATON、KYOKUTO	Metallurgy, concrete, engineering, construction, industrial machinery
		HAWA、VICKERS、LINDE、PARKER	Engineering/mining/construction machinery

All original manufacturers'names,part numbers and description are for reference purposes only and it does not imply that any Part listed is the product of these manufacturers.

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PLANETARY GEARBOX-SWING

NO.	SKS TYPE	REFERENCE	SPEED RATIO	APPLICATION
1	SB2C3002	SL3002	24.2/27/30.3/33.8	Rotary Drilling Rig
2	SB2C1572	EL1572	22/26.5/30.4	
3	SB2C2150	ED2150	20/26.6/30.9	
4	SB2C2250	ED2250	20.2/22.2/25.6/30.7/36	
5	SB2D309	BFL309	21.8/25.4/28/32.6	
6	SB2D310	BFL310	21.8/25.4/28/32.6	
7	SB2D311	BFL311	32.7	
8	SB2M32102	P32102-H	31.7	
9	SB2B26	GFB26T2	63	
10	SB3B36	GFB36T3	68/80/101	
11	SB3B60	GFB60T3	87.5/106.5	Rotary Digging Rig And Others

PLANETARY GEARBOX-TRAVLE

NO.	SKS TYPE	REFERENCE	SPEED RATIO	APPLICATION
1	ST3B017	GFT17	32/45/54/88	Tire Trolley-travle、Crawler-travle
2	ST3B026	GFT26	42.8/47.2	
3	ST3B034	GFT34	50.5	
4	ST3B036	GFT36	67/79/100/113/115/117/131/139	Rotary Drilling Rig、Crawler Crane Coal Mining Mechanic Equipment
5	ST3B050	GFT50	100	
6	ST3B060	GFT60	105.5/139.9/169.9	
7	ST3B080	GFT80	77/99/127/150/185	
8	ST3B110	GFT110	147/174/215	
9	ST3B160	GFT160	211/251/268/281	
10	ST3B220	GFT220	365	
11	ST4B450	GFT450	453/655	
12	ST3D0713	BFL713	108	
13	ST3D0715	BFL715	108/156	
14	ST3D0717	BFL717	131	
15	ST3D0718	BFL718	264	
16	ST3D0720	BFL720	99.7/173.5	
17	ST3K080	F80	147	
18	ST3K130	F130	123.3/206.3	
19	ST3B8190	GFT8190	168/209	

PLANETARY GEARBOX-WINCH

NO.	SKS TYPE	REFERENCE	SPEED RATIO	APPLICATION
1	SW3B017	GFT17W	45	Rotary Drilling Rig、Crawler Crane Marine Machinery
2	SW3B036	GFT36W	67/79	
3	SW3B060	GFT60W	86.5/140	
4	SW3B080	GFT80W	77/99/127/185	
5	SW3B110	GFT110W	96/115/129/147/174/215	
6	SW3B160	GFT160W	133	
7	SW3B220	GFT220W	116/145/168/189/233/246/293	
8	SW3D0713	BFL713W	108	
9	SW3D0715	BFL715W	108	
10	SW3D0717	BFL717W	131	
11	SW3D0718	BFL718W	161.4/131.2	
12	SW3D0720	BFL720W	173.5	
13	SW3K130	F130W	115/123	
14	SW3B5185	GFW5185	99	
15	SW3B5190	GFW5190	121	

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Application & Features

The SA2FO/M series is inclined quantitative piston pump/motor with inclined angle of 40°, high power density, small overall dimensions and light weight, which is used for static pressure drive pump/motor in open and closed circuits. When the motor is in use, the output speed is proportional to the flow and inversely proportional to the displacement. The output torque of the hydraulic motor is proportional to the difference between the motor inlet and outlet.

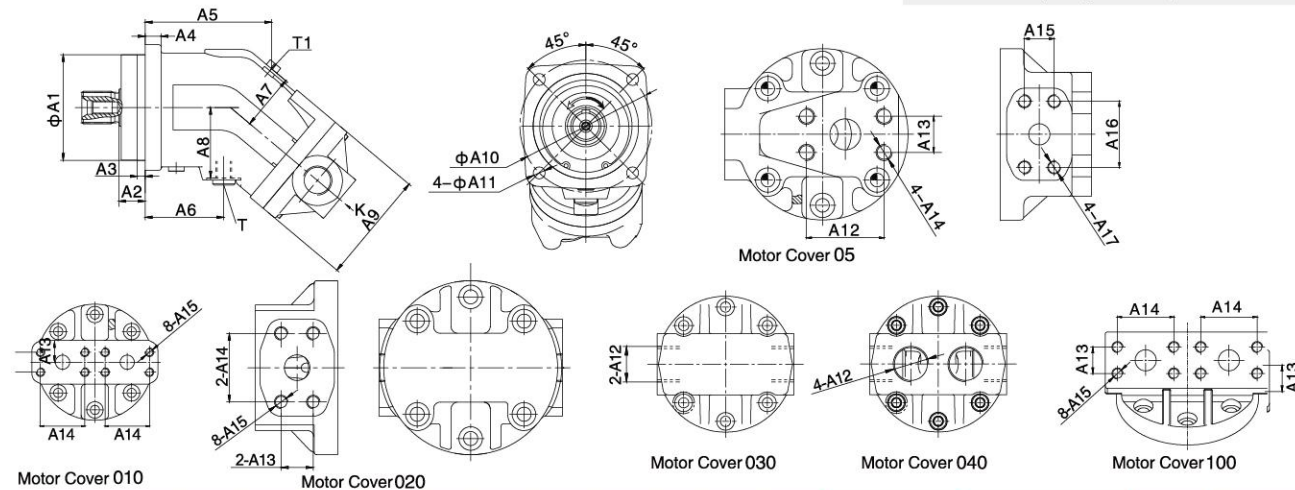


SA2FO/M Series

Technical Specification

Model	SA2FO/M10/12/16	SA2FO/M23/28/32	SA2FO/M45	SA2FO/M56/63	SA2FO/M80/90	SA2FO/M107/125	SA2FO/M160	SA2FO/M180
Displacement	10/12/16 mL/r	23/28/32 mL/r	45 mL/r	56/63 mL/r	80/90 mL/r	107/125 mL/r	160 mL/r	180 mL/r
Max. speed(Pump)	3150r/min	2500r/min	2240r/min	2000r/min	1800r/min	1600r/min	1450r/min	1450r/min
Max. speed(Motor)	8000r/min	6300r/min	5600r/min	5000r/min	4500r/min	4000r/min	3600r/min	3600r/min
Inlet pressure	Open circuit system: 0.08~3 MPa							
Rated pressure	35 MPa							
Max. pressure	40 MPa							
Recommended oil	L-HM46 (Summer) L-HM32 (Winter)							
Housing pressure	≤0.3 MPa							
Open circuit system	Open circuit system							
Weight	6 kg	9.5 kg	13.5 kg	18 kg	23 kg	32 kg	45 kg	45 kg

Dimension



Specification	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	Pump cover						Motor cover				
												A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22
SA2FO/M10/12/16	80	20	6	12	95.5	59.5	29.3	53.5	85	100	9	-	-	-	-	-	-	-	-	-	-	-
SA2FO/M23/28/32	100	25	8	18	106	42	25	55.5	106	125	11	47.6	22.2	M10	18.2	40.5	M8	-	-	13	18.2	40.5
SA2FO/M45	125	32	12	20	108	42	28	63	118	160	13.5	52.4	26.2	M10	23.8	50.8	M10	-	-	19	23.8	50.8
SA2FO/M56/63	125	32	10	20	118	50	32	70	128	160	13.5	52.4	26.2	M10	23.8	50.8	M10	-	-	19	23.8	50.8
SA2FO/M80/90	127	-	12.7	20.5	161.2	92.5	40.8	86	138	162	14.4	58.7	30.2	M10	27.8	57.2	M12	-	-	25	27.8	57.2
SA2FO/M107/125	160	40	10	23	140	65	40	85	150	200	17.5	58.7	30.2	M12	27.8	57.2	M12	-	-	32	31.8	66.7
SA2FO/M160/180	180	40	10	25	158	72	78	96	180	224	17.5	69.9	35.7	M12	31.8	66.7	M12	-	-	32	31.8	66.7

Specification	Spline shaft	C1	C2	C3	C4	B	P	C5	C6	C7	C8	C9
SA2FO/M10/12/16	W25 × 1.25 × Z18 × 9g	28	6	M10	22	A 8 × 7 × 32	A 6x6x32 (A2FO16 except)	40	22/16	M10/M6	φ25/φ20	28/22.5
SA2FO/M23/28/32	W30 × 2 × 30 × Z14 × 9g	35	8	M10	22	A 8 × 7 × 40	A 8 × 7 × 40	50	22/19	M10	φ30/φ25	33/28
SA2FO/M45	W30 × 2 × 30 × Z14 × 9g	35	8	M12x1.75	28	-	AS8 × 7 × 50	60	28	M12X1.75	φ30	33
SA2FO/M56/63	W30 × 2 × 30 × Z14 × 9g	35	8	M12x1.75	28	AS10 × 8 × 56	AS8 × 7 × 50	60	28	M12X1.75	φ30	33
SA2FO/M80/90	W40 × 2 × 30 × Z16 × 9g	40	8	M12x1.75	28	AS12 × 8 × 56	AS10 × 8 × 56	70	28	M12X1.75	φ35	38
SA2FO/M107/125	W40 × 2 × 30 × Z18 × 9g	45	8	M12x1.75	28	AS14 × 9 × 63	AS12 × 8 × 63	80	28	M12X1.75	φ40	43
SA2FO/M160/180	W45 × 2 × 30 × Z21 × 9g	50	8	M16x1.75	36	AS14 × 9 × 70	AS14 × 9 × 70	90	36	M16X1.75	φ45	48.5

All original manufacturers' names, part numbers and description are for reference purposes only and it does not imply that any Part listed is the product of these manufacturers.

Application & Features

The SA2FE series is a diagonal axial quantitative motor with an inclination angle of 40°, high power density, plug-in design, small size and light weight. The flange can be directly connected to the reducer to save installation space, which is suitable for static pressure transmission in open and closed circuits, and is mainly applied to the traveling and winch system of construction machinery.

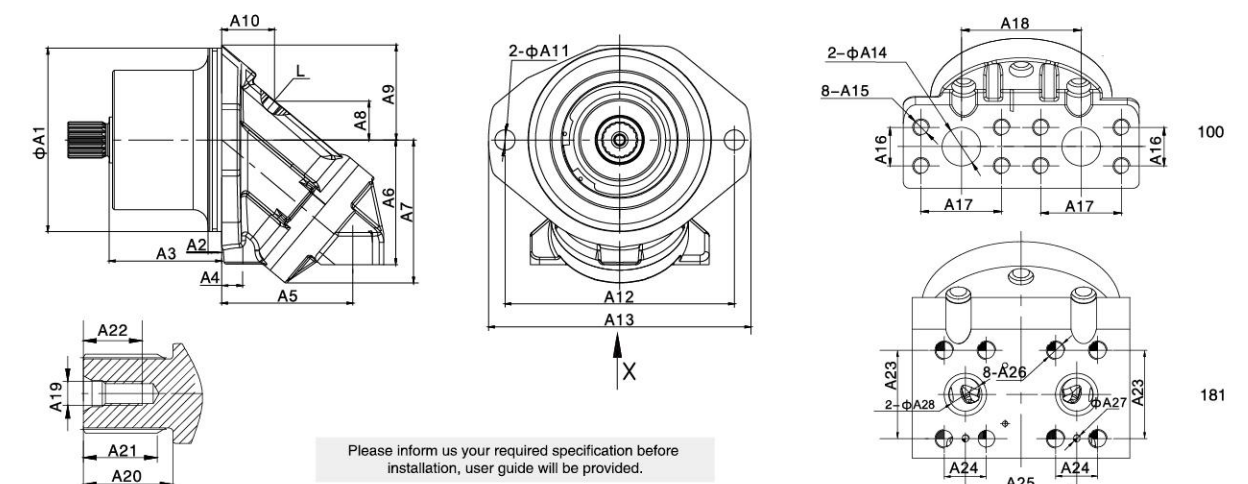


SA2FE Series

Technical Specification

Model	SA2FE56	SA2FE63	SA2FE80	SA2FE90	SA2FE107	SA2FE125	SA2FE160	SA2FE180
Displacement	56 mL/r	63 mL/r	80 mL/r	90 mL/r	106.7 mL/r	125 mL/r	160 mL/r	180 mL/r
Direction of rotation (View from shaft end)	R:Clockwise L:Counter clockwise							
Rated pressure	35 Mpa	40 Mpa						
Max. pressure	40 Mpa	45 Mpa						
Max. speed	5000 r/min	5000 r/min	4500 r/min	4500 r/min	4000 r/min	4000 r/min	3600 r/min	3600 r/min
Recommended oil	L-HM46 (Summer) L-HM32 (Winter)							
Housing pressure	≤0.3 MPa							
Open circuit system	Open circuit system							
Weight	18 kg	19 kg	23 kg	25 kg	34 kg	36 kg	47 kg	48 kg

Dimension



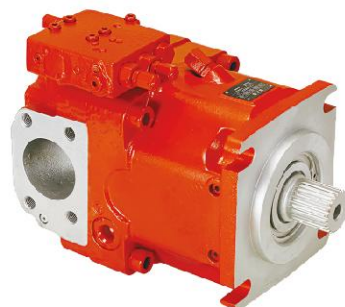
Specification	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19(A)
SA2FE56/63	160	15	92.3	18	122	107	128	34	82	59	18	200	235	19	M10X1.5 深17	23.8	50.8	75	M12X1.75
SA2FE80/90	190	15	110	20	127	120	144	41	98	54	22	224	260	25	M12X1.75 深17	27.8	57.2	84	M16X2
SA2FE107/125	200	15	122.8	20	143	136	158	41	103	58	22	250	286	32	M14X2 深19	31.8	66.7	99	M16X2
SA2FE160/180	200	15	122.8	20	169	149	184	47	104	75	22	250	286	32	M14X2 深19	31.8	66.7	99	M16X2

Specification	A19(Z)	A20(A)	A20(Z)	A21(A)	A21(Z)	A22(A)	A22(Z)	A23	A24	A25	A26	A27	A28	A	Z
SA2FE56/63	M12X1.75	40	35	32	27	28	28	50.8	23.8	75	M10X1.5 深17	-	19	W35X2X30X16X9g	W30X2X30X14X9g
SA2FE80/90	M12X1.75	45	40	37	32	36	28	57.2	27.8	75	M12X1.75 深17	-	25	W40X2X30X18X9g	W35X2X30X16X9g
SA2FE107/125	M12X1.75	50	45	42	37	36	28	66.7	31.8	84	M14X2 深19	M6	32	W45X2X30X21X9g	W40X2X30X18X9g
SA2FE160/180	M16X2	55	50	44	42	36	36	66.7	31.8	84	M14X2 深19	M6	32	W50X2X30X24X9g	W45X2X30X21X9g

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Application & Features

The SA11V(L)O series is high pressure diagonal disc axial piston pump, which is used for open hydraulic system. Built-in booster pump (centrifugal pump) can improve the 19% limit speed of the product, which is used in travel machinery and other fields. Multiple control modes are optional. The pump is driven by a pass shaft and can be connected to a gear pump or an axial plug pump of the same specification. The displacement can vary steplessly between the maximum and zero values.

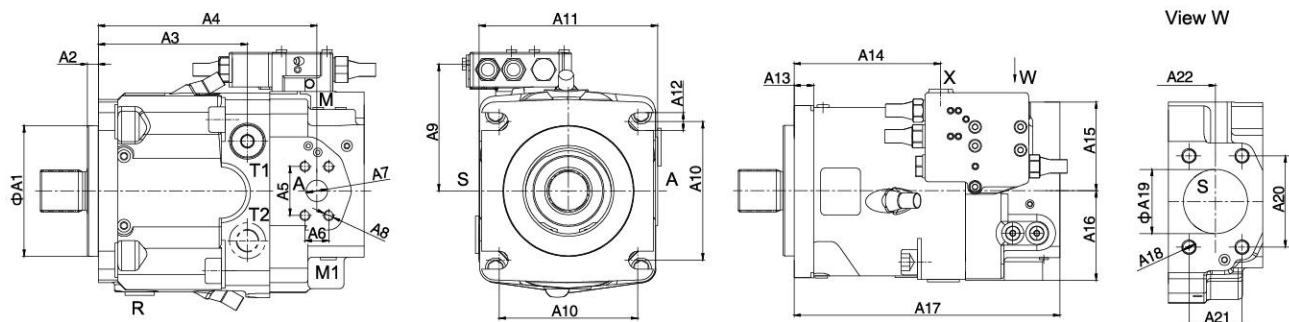


SA11V(L)O Series

Technical Specification

Model	SA11VO40	SA11VO60	SA11VO75	SA11VO95	SA11VO115	SA11V(L)O130	SA11V(L)O145	SA11V(L)O190	SA11V(L)O260
Displacement	42mL/r	58.5mL/r	74mL/r	93.5mL/r	115mL/r	130mL/r	145mL/r	193mL/r	260mL/r
Direction of rotation (View from shaft end)	R:Clockwise				L:Counter clockwise				
Rated pressure	35 MPa								
Max. pressure	40 MPa								
Max. speed	3000 r/min	2700 r/min	2550 r/min	2350 r/min	2350 r/min	2500 r/min	2500 r/min	2500 r/min	2300 r/min
Inlet. pressure	0.08~2 MPa								
Housing pressure	≤0.2 MPa								
Working mode	Open circuit system								
Recommended oil	L-HM46 (Summer)				L-HM32 (Winter)				
Weight	32 kg	40 kg	45 kg	53 kg	54 kg	66(72)kg	73(76)kg	95(104)kg	125(138)kg

Dimension



Please inform us your required specification before installation, user guide will be provided.

Specification	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19
SA11VO40	101.6	9.7	183	101.6	50.8	23.8	19	M10×1.5	100	146	177	14	15	111	75	75	225	M12×1.75	50
SA11VO60	127	12.7	195	127	50.8	23.8	19	M10×1.5	108	181	213	17	19	124.5	82	82	242	M12×1.75	50
SA11VO75	152.4	12.7	215	152.4	57.2	27.8	25	M12×1.75	117	161.6	200	21	19	138.5	88.5	88.5	260	M12×1.75	63
SA11VO95/115	152.4	12.7	234	152.4	57.2	27.8	25	M12×1.75	139	161.6	200	21	20	150	96	96	287	M16×2	75
SA11VO130/145	152.4	12.7	255	152.4	57.2	27.8	25	M12×1.75	148	161.6	204	21	21	171	104	104	310	M16×2	75
SA11VLO130/145	152.4	12.7	244	152.4	66.7	31.8	32	M14×2	148	161.6	204	21	21	171	104	104	358	M16×2	75
SA11VO190	165.1	15.9	281.3	165.1	79.4	36.5	38	M16×2	156	224.5	262.5	21	27	318.8	161	161	346.8	M16×2	90
SA11VLO190	165.1	15.9	272	165.1	79.4	36.5	38	M16×2	156	224.5	262.5	21	27	318.8	161	161	395	M16×2	90
SA11VO260	165.1	15.9	307	165.1	79.4	36.5	38	M16×2	168	224.5	262.5	21	30	346	130	130	372.1	M16×2	90
SA11VLO260	165.1	15.9	329.5	165.1	79.4	36.5	38	M16×2	168	224.5	262.5	21	30	346	130	130	428	M16×2	100

Specification	A20	A21	A22	Spine shaft Z	s	T1/T2
SA11VO40	77.8	42.9	183	16	15	M22×1.5
SA11VO60	77.8	42.9	198	16	14	M22×1.5
SA11VO75	88.9	50.8	215	18	14	M22×1.5
SA11VO95/115	106.5	61.9	234	21	13	M26×1.5
SA11VO130/145	106.5	61.9	255	24	13	M26×1.5

Specification	A20	A21	A22	Spine shaft Z	s	T1/T2
SA11VLO130/145	106.5	61.9	287	24	13	M26×1.5
SA11VO190	120.7	69.9	281.3	24	13	M33×2
SA11VLO190	120.7	69.9	319	24	13	M33×2
SA11VO260	120.7	69.9	307	28	13	M33×2
SA11VLO260	130.2	77.8	346	28	13	M33×2

All original manufacturers'names,part numbers and description are for reference purposes only and it does not imply that any Part listed is the product of these manufacturers.

Application & Features

The SA20VLO is a high-pressure swash plate construction double axial piston rotary assembly variable pump for hydrostatic transmission in open circuits for Mobile and stationary applications. It has a powerful control programme for different control and regulation functions. The through-axis drive it has is suitable for the installation of a gear pump or a second axial piston pump. Its output flow is proportional to the transmission speed and pump displacement and can be infinitely varied between maximum and zero displacement.It is mainly applied in large mining excavations.

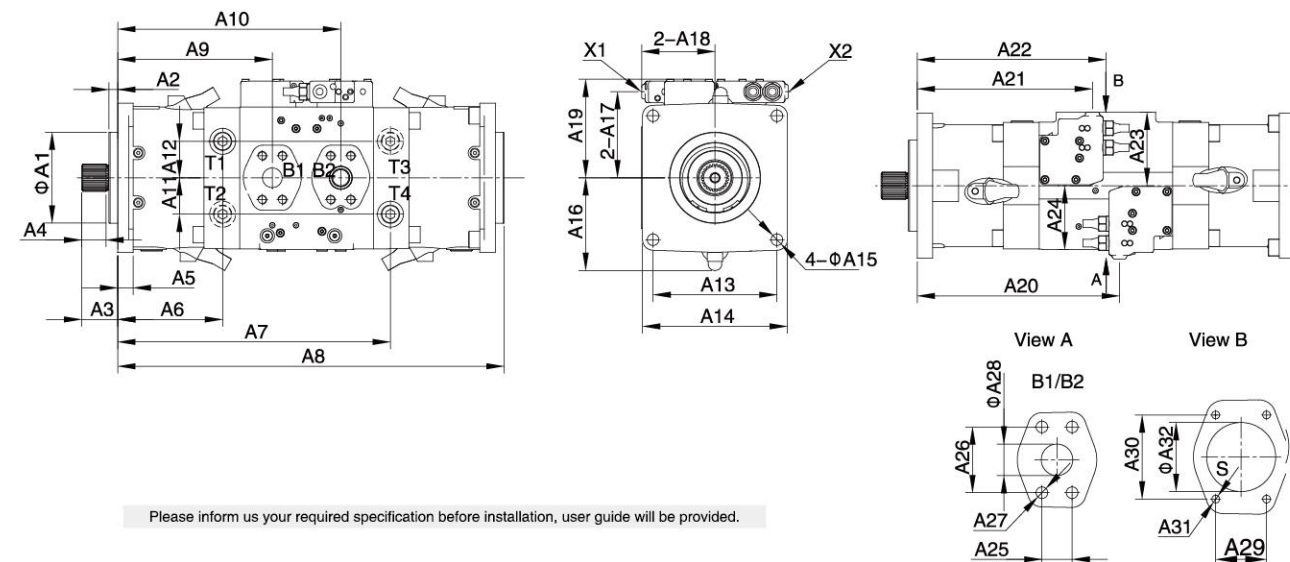


SA20VLO Series

Technical Specification

Model	SA20VO60	SA20VLO190	SA20VLO260
Displacement	2 x 60 mL/r	2 x 192.7 mL/r	2 x 260 mL/r
Direction of rotation (View from shaft end)	R:Clockwise		L:Counter clockwise
Max. speed	2700 r/min	2500 r/min	2300 r/min
Rated pressure	25 Mpa	35 Mpa	
Max. pressure	31.5 Mpa	40 Mpa	
Working mode	Open circuit system		
Weight	44 kg	210 kg	290 kg

Dimension



Please inform us your required specification before installation, user guide will be provided.

Specification	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21
SA20VO60	127	12.7	55.2	39.5	16.5	40	117	459	210.5	210.5	-	-	114.5	146	14.3	-	122	64.8	137.5	69.5	351.5
SA20VLO190	165.1	15.9	65.4	44	28	190.3	494.3	700.5	280.3	404.3	66	66	224.5	262.5	21	164	156	133	178.5	367	317
SA20VLO260	165.1	15.9	149	100	29	214	536	766	309	442	72	72	224.5	262.5	21	168	168	139	198.5	404	345

Specification	A22	A23	A24	Oil Inlet B1/b2				Oil Outlet S				Oil Drain Port				Pilot Port		shaft
				A25	A26	A27	A28	A29	A30	A31	A32	T1	T2	T3	T4	X1	X2	
SA20VO60	210.5	89.9	89.9	26.2	52.4	M10	25	50.8	88.9	M12	62.8	7/8-14UNF				7/16-20UNF		14T x 12/24DP x 30°
SA20VLO190	342	132	116	36.5	79.4	M16	38	92.1	152.4	M16	125	M33X2 Deep18				M14X1.5		W50 x 2 x 30° x 24 x 9g
SA20VLO260	375	151	142															
												9/16-18UNF				18T x 8/16DP x 30°		

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Application & Features

The SA6VM series is inclined shaft variable motor, which is used for hydrostatic transmission of open and closed circuits, and is suitable for traveling machinery and industrial fields. Wide adjustment range enables the motor to meet the requirements of high speed and large torque. The output speed depends on the pump flow and motor displacement. The output torque increases with the increase of pressure difference and displacement between the high and low pressure sides.

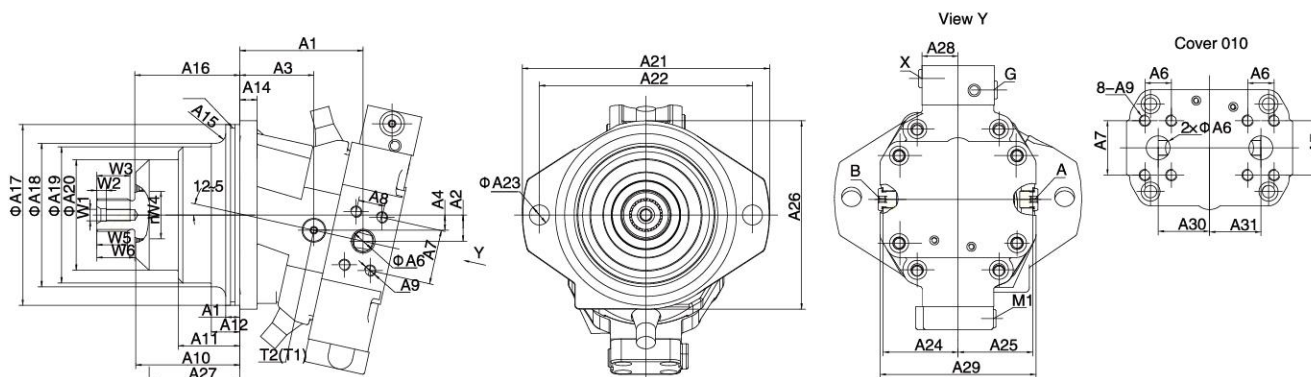


SA6VE Series

Technical Specification

Model	SA6VE55	SA6VE80	SA6VE107	SA6VE160
Displacement	54.8 mL/r	80 mL/r	107 mL/r	160 mL/r
Max. speed	4450 r/min	3990 r/min	3550 r/min	3100 r/min
Rated pressure	40 Mpa			
Max. pressure	45 Mpa			
Housing pressure	≤0.3 Mpa			
Direction of rotation (View from shaft end)	R:Clockwise L:Counter clockwise			
Control mode	HD1,HD2,HZ1,HZ3,EP1,EP2,EZ1,EZ2,EZ3,EZ4,HA1,HA2,DA1			
Weight	35 kg	43 kg	53 kg	72 kg

Dimension



Mounting flanges A6VM and A6VE with different dimensions

Please inform us your required specification before installation, user guide will be provided.

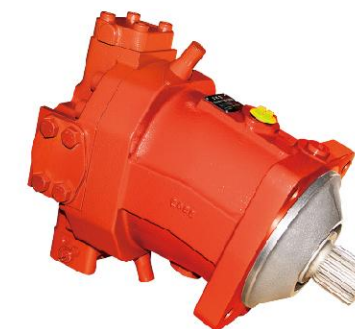
Specification	A1	A2	A3	A4	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	X/G/M1	A16	A17	A18
SA6VE55	123	24	77	14	Φ19	50.8	23.8	M10X1.5 Deep17	91	50	22	15	16	R6	M14X1.5	92	160	139
SA6VE80	130	27.5	78	16	Φ25	57.2	27.8	M12X1.75 Deep17	109.5	65	30	15	18	R10		110.5	190	151
SA6VE107	137	30	84	18	Φ25	57.2	27.8	M12X1.75 Deep17	121.8	72	35	15	18	R12		122.8	200	168
SA6VE160	171	34	109	20	Φ32	66.7	31.8	M14X2 Deep19	122	67	29	15	20	R5		123	200	188

Specification	A19	A20	A21	A22	A23	A24/25	A26	A27	A28	A29	A30/31	shaft	W1	W2	W3	W4	W5	W6
SA6VE55	132	104	235	200	17	72.5	166	59	35.5	152	54	Z(W30X2X14X9g)	M12X1.75	9.5	28	45	27	35
SA6VE80	143	116	260	224	21	78.5	198	79	35.5	164	54	A(W40X2X18X9g)	M6X2	12	36	50	37	45
SA6VE107	160	132	286	250	21	86.5	210	82	40.5	180	65	Z(W40X2X18X9g)	M12X1.75	9.5	28	60	37	45
SA6VE160	180	146	286	250	21	98.5	210	83	40.5	204	76	A(W50X2X24X9g)	M6X2	12	36	70	44	55

All original manufacturers'names,part numbers and description are for reference purposes only and it does not imply that any Part listed is the product of these manufacturers.

Application & Features

The SA6VM series is inclined shaft variable motor, which is used for hydrostatic transmission of open and closed circuits, and is suitable for traveling machinery and industrial fields. Wide adjustment range enables the motor to meet the requirements of high speed and large torque. The output speed depends on the pump flow and motor displacement. The output torque increases with the increase of pressure difference and displacement between the high and low pressure sides.

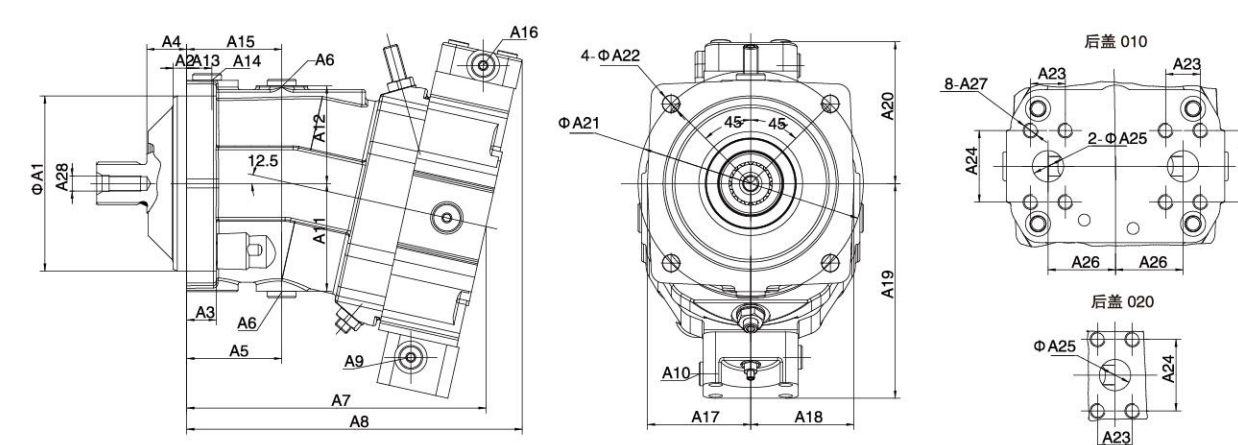


SA6VM Series

Technical Specification

Model	SA6VM55	SA6VM80	SA6VM107	SA6VM160	SA6VM200
Displacement	54.8 ml/r	80 ml/r	107 ml/r	160ml/r	200 ml/r
Max. speed	4450 r/min	3900 r/min	3550 r/min	3100 r/min	2900 r/min
Rated pressure	40 MPa				
Max. pressure	45 MPa				
Housing pressure	≤0.3 Mpa				
Direction of rotation (View from shaft end)	R:Clockwise L:Counter clockwise				
Control mode	HD1,HD2,HZ1,HZ3,EP1,EP2,EZ1,EZ2,EZ3,EZ4,HA1,HA2,DA1				
Weight	26 kg	34 kg	47 kg	64 kg	80 kg

Dimension



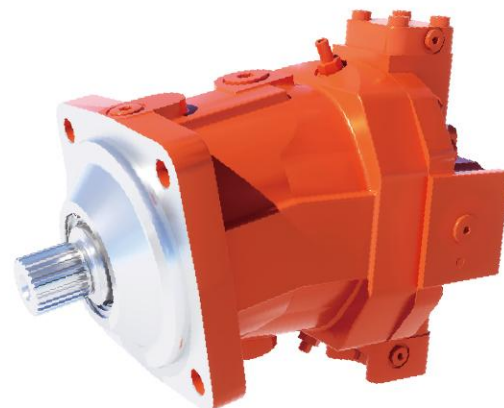
Specification	A1	A2	A3	A4	A5	A6	A7	A8	A9/A10	A11	A12	A13	A14	A15
SA6VM55	125	10	22	32	67	M18X1.5 Deep12	210	240	M14X1.5 Deep12	79	74	16	M18X1.5 Deep12	67
SA6VM80	140	11	23.5	32	76	M18X1.5 Deep12	238	268		86	78	20	M18X1.5 Deep12	76
SA6VM107	160	13	25	40	77.2	M18X1.5 Deep12	257	283		97	87	10	M18X1.5 Deep12	77.2
SA6VM160	180	10	29	40	92.5	M26X1.5 Deep16	291	323		110	102	20	M22X1.5 Deep14	92.5
SA6VM200	200	10	32	40	96	M26X1.5 Deep16	314	345		117	107	19	M22X1.5 Deep14	96

Specification	A16	A17/A18	A19	A20	A21	A22	A23	A24	A25	A26	A27	A28	shaft
SA6VM55	M14X1.5	75	151	176	160	13.5	23.8	50.8	19	54	M10X1.5 Deep17	M12X1.75	W35X2X30X16X9g
SA6VM80		82.5	172	113	180	13.5	27.8	57.2	25	54	M12X1.75 Deep17	M12X1.75	W35X2X30X16X9g
SA6VM107		95	184	117	200	17.5	27.8	57.2	25	65	M12X1.75 Deep17	M16	W45X2X30X21X9g
SA6VM160		105	200	130	224	17.5	31.8	66.7	32	76	M14X2 Deep19	M16	W50X2X30X24X9g
SA6VM200		118	/	/	250	22	31.8	66.7	32	82	M14X2 Deep19	M16	W50X2X30X24X9g

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Application & Features

The SA6VM 71 series is a swash plate axial variable motor for hydrostatic transmission in open and closed circuits. Through a wide range of adjustment, the variable motor can meet the requirements of high speed and high torque without the need for gear shifts, possibility of using smaller pumps. The motor is robust and has a long service life with a compact bearing system. It is mainly applied in Mobile and industrial machinery, etc.

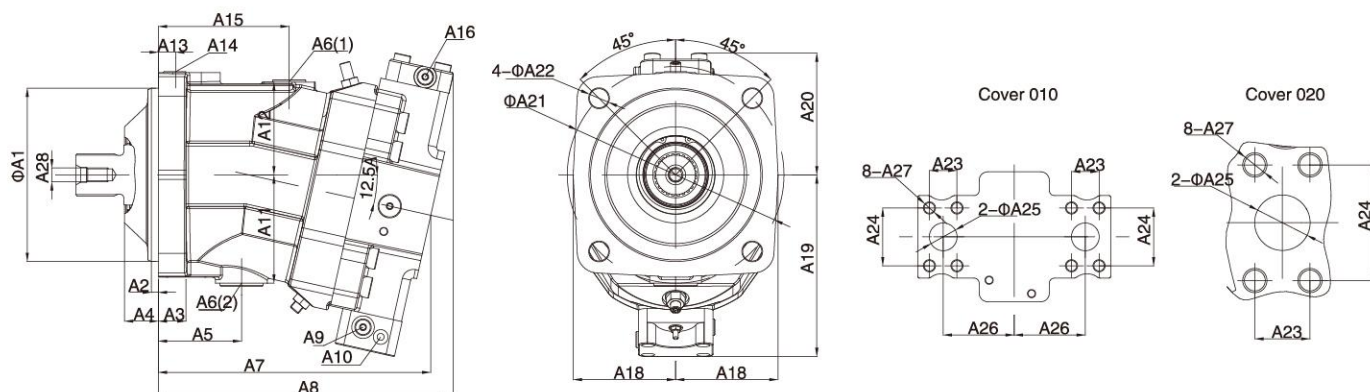


SA6VM 71Series

Technical Specification

Model	SA6VM85/71	SA6VM115/71	SA6VM170/71	SA6VM215/71
Displacement	85 ml/r	115 ml/r	170 ml/r	215 ml/r
Max. speed	3900 r/min	3550 r/min	3100 r/min	2900 r/min
Rated pressure	35 MPa			
Max. pressure	40 MPa			
Housing pressure	≤0.25 Mpa			
Direction of rotation (View from shaft end)	R:Clockwise L:Counter clockwise			
Control mode	液压越权控制			
起变点	19 Mpa			

Dimension



Please inform us your required specification before installation, user guide will be provided.

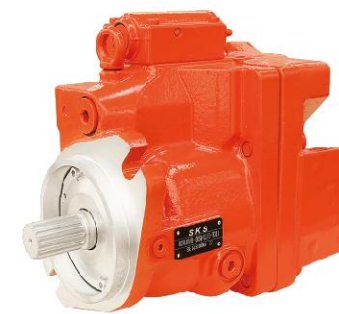
Specification	A1	A2	A3	A4	A5	A6(1)	A6(2)	A7	A8	A9	A10	A11	A12	A13	A14
SA6VM85	140	7.5	23	31	76	M22×1.5	M27×2	239	266	M14×1.5	M14×1.5	91	80	16.2	M18×1.5
SA6VM115	160	7.5	25	39	78	M27×2	M33×2	257	283	M14×1.5	M14×1.5	102	91	10	M18×1.5
SA6VM170	180	7.5	29	39	91	M27×2	M33×2	291	323	M14×1.5	M14×1.5	112	103	20	M22×1.5
SA6VM215	200	8	32	39	95	M33×2	M42×2	314	339	M14×1.5	M14×1.5	125	107	19	M22×1.5

Specification	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25	A26	A27	A28	轴伸
SA6VM85	117	M14×1.5	82.5	82.5	172	114	180	13.5	27.8	24	25	54	M12×1.75	M16	W40×2×30×18×9g
SA6VM115	126	M14×1.5	95	95	184	117	200	17.5	27.8	57.2	25	65	M12×1.75	M16	W40×2×30×18×9g
SA6VM170	141	M14×1.5	105	105	200	130	224	17.5	31.8	66.7	32	76	M14×2	M16	W45×2×30×21×9g
SA6VM215	151	M14×1.5	118	118	206	140	250	32	31.8	66.7	32	82	M14×2	M16	W50×2×30×24×9g

All original manufacturers' names, part numbers and description are for reference purposes only and it does not imply that any Part listed is the product of these manufacturers.

Application & Features

The SK3VL80 is a diagonal disc axial variable piston pump, which is used for an open hydraulic drive circuit. It has the characteristics of high continuous pressure, good self-absorption performance, high reliability and long service life, high-power density ratio. Multiple control methods are selected. Axial drive can be selected. It is mainly applied to engineering machinery, traveling machinery, industrial vehicles and general industrial machinery.

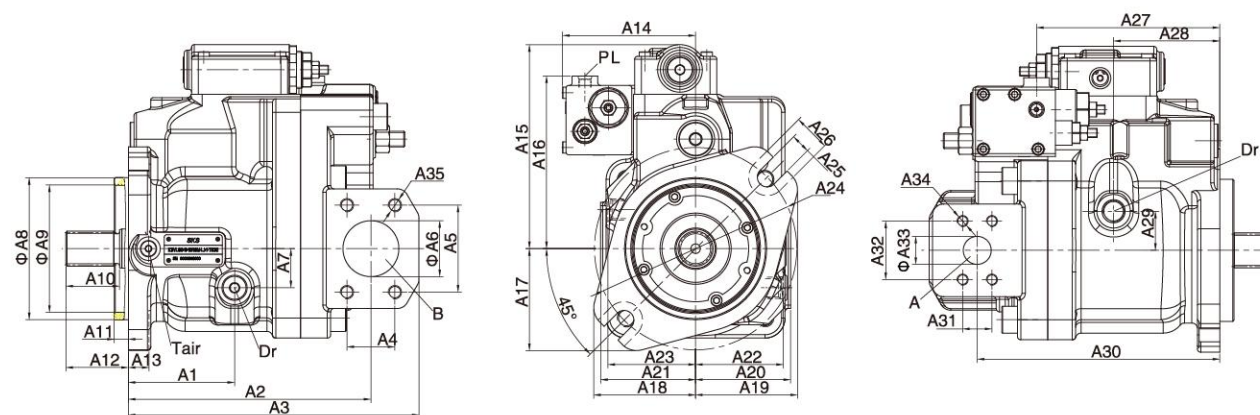


SK3VL80

Technical Specification

Model	SK3VL45	SK3VL80
Displacement	45 mL/r	80 mL/r
Direction of rotation (View from shaft end)	R:Clockwise	
Max. speed	2700 r/min	2400 r/min
Min. pressure	800 r/min	600 r/min
Max. pressure	35 MPa	
Rated pressure	32 MPa	
Recommended oil	L-HM46 (Summer) L-HM32 (Winter)	
Working mode	Open circuit system	
Weight	40 kg	

Dimension



Please inform us your required specification before installation, user guide will be provided.

Specification	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17
SK3VL45	91	184	218	35.7	69.8	39	40	101.6	91	33	9.7	41	13	116.3	143.5	-	74.5
SK3VL80	95	217	260	42.9	77.8	50	35	127	118	48	12.7	56	18.5	119	182.5	154.5	91

Specification	A18	A19	A20	A21	A22	A23	A24	A25	A26	A27	A28	A29	A30	A31	A32	A33	A34
SK3VL80	80	80	77.5	77.5	68	68	140	14	28	99	91	40	184	26.2	52.4	25	4-3/8 16UNF
SK3VL80	91	91	85	85	78.5	78.5	181	17.5	33	164	95	35	217	26.2	52.4	25	4-M10 Deep17

Specification	A35	Dr	PL	Tair	shaft
SK3VL80	4-1/2 13UNF	SAEJ1926/1 3/4-16UNF	SAEJ1926/1 7/16-20UNF	SAEJ1926/1 7/16-20UNF	SAEJ744-3Z-4 13T x 12/24DP x 30°
SK3VL80	4-M12深20	SAEJ1926/1 3/4-16UNF	SAEJ1926/1 7/16-20UNF	SAEJ1926/1 7/16-20UNF	SAEJ744-3Z-4 14T x 12/24DP x 30°

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Application & Features

The SK3V112S is the variable piston pump for open-type circuit under heavy load. Multiple control methods can be selected, including flow control, pressure control, power control and other compound controls, which has high efficiency, long service life and continuous pressure up to 34.3MPa. With compact design, short installation length and high volume efficiency, it can be used for moving machinery such as excavator and crane.

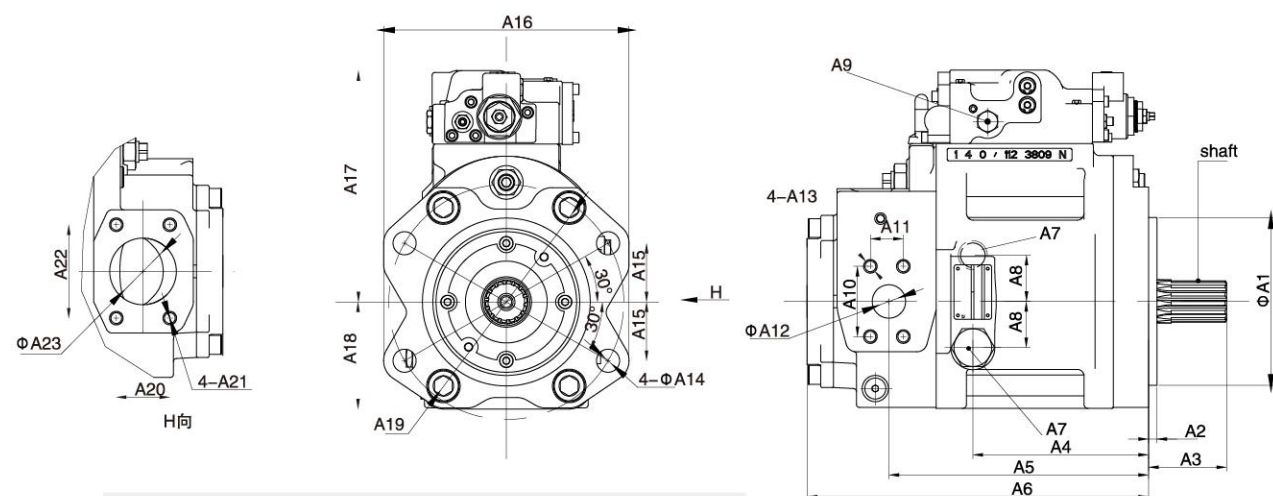


SK3V112S

Technical Specification

Model	SK3V112S
Displacement	112 mL/r
Direction of rotation (View from shaft end)	R:Clockwise
Rated speed	2000 r/min
Max. speed	2360 r/min
inlet pressure	0.05~0.2 MPa
Rated pressure	34.3 MPa
Max. pressure	39.2 MPa
Recommended oil	L-HM46 (Summer) L-HM32 (Winter)
Housing pressure	≤0.1 MPa
Working mode	Open circuit system
Weight	68 kg

Dimension



Please inform us your required specification before installation, user guide will be provided.

Specification	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14
SK3V112S	160	8	78	167	247.5	400	G3/4	41	G1/4	66.7	31.8	31.8	M12	22

Specification	A15	A16	A17	A18	A19	A20	A21	A22	A23	shaft 1	shaft 2
SK3V112S	56	234	220.5	102	224	50.8	M12	88.9	60	14T x 12/24DP x 20°	JISD2001 30x12x2.5

All original manufacturers'names,part numbers and description are for reference purposes only and it does not imply that any Part listed is the product of these manufacturers.

Application & Features

The SK3V/SK5V DT series is a variable piston and double pump for open-loop heavy load industrial and mineral. Multiple control methods can be selected, including flow control, pressure control, power control and other compound controls. It has the characteristics of high efficiency, long service life, compact design, special housing structure design, low noise, which can be used for moving machines such as the excavator and the crane.

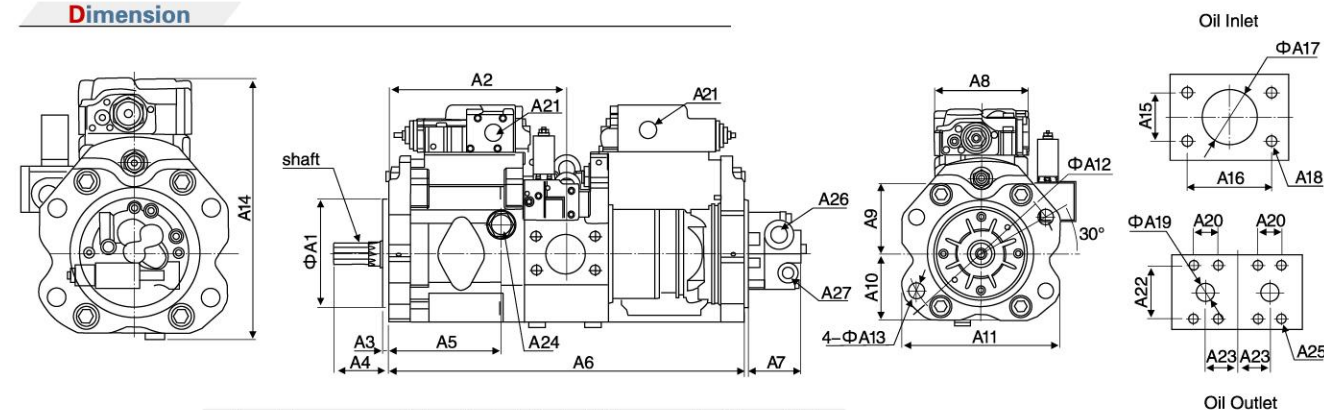


SK3V/SK5V DT Series

Technical Specification

Model	SK3V63 DT	SK3V112 DT	SK3V140 DT	SK3V180 DT	SK5V80 DT	SK5V140 DT	SK5V160 DT	SK5V200 DT
Displacement	2x63 mL/r	2x112 mL/r	2x140 mL/r	2x180 mL/r	2x80 mL/r	2x140 mL/r	2x160 mL/r	2x200 mL/r
Direction of rotation (View from shaft end)	左/右旋							
Rated speed	2650 r/min	2360 r/min	2150 r/min	2150 r/min	2460 r/min	2360 r/min	2150 r/min	1900 r/min
Max. speed	3250 r/min	2700 r/min	2500 r/min	2500 r/min	3000 r/min	2700 r/min	2500 r/min	2200 r/min
inlet pressure	0.05~0.2 MPa							
Rated pressure	34.3 MPa							
Max. pressure	39.2 MPa							
Recommended oil	L-HM46 (Summer) L-HM32 (Winter)							
Housing pressure	≤0.25 MPa							
Working mode	Open circuit system							
Gear pump displacement	10 mL/r	15 mL/r						
Max. pressure	5 MPa							
Weight	81 kg	125 kg	160 kg	270 kg	81 kg	125 kg	160 kg	165 kg

Dimension



Please inform us your required specification before installation, user guide will be provided.

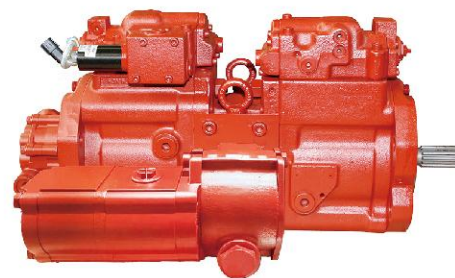
Specification	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14
SK3V63/SK5V80 DT	125	228	8	76	138	464	78	142	98	89	190	180	18	292
SK3V112/SK5V140 DT	160	265	8	78	167	538	78	142	110	100	234	224	22	329
SK3V140/180/SK5V160/200 DT	180	305	8	93	190	618	78	142	123	112	256	250	22	366

Specification	Oil Inlet				Oil Outlet									
	A15	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25	A26	A27	shaft
SK3V63/SK5V80 DT	50.8	88.9	60	M12深18	19	23.8	G1/4	50.8	31	G1/2	M10深16	G3/4	G1/2	14T x 12/24DP x 30°
SK3V112/SK5V140 DT	50.8	88.9	60	M12深20	19	23.8	G1/4	50.8	31	G3/4	M10深20	G3/4	G1/2	12T或14T x 2.5J x 20°
SK3V140/180/SK5V160/200 DT	61.9	106.4	76	M16深26	25	27.8	G1/4	57.2	37.5	G3/4	M12深27	G3/4	G1/2	17T x 2.5J x 20°

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Application & Features

The SK3V/SK5V DT series is a variable piston and double pump for open-loop heavy load industrial and mineral. Multiple control methods can be selected, including flow control, pressure control, power control and other compound controls. It has the characteristics of high efficiency, long service life, compact design, special housing structure design, low noise, which can be used for moving machines such as the excavator and the crane.

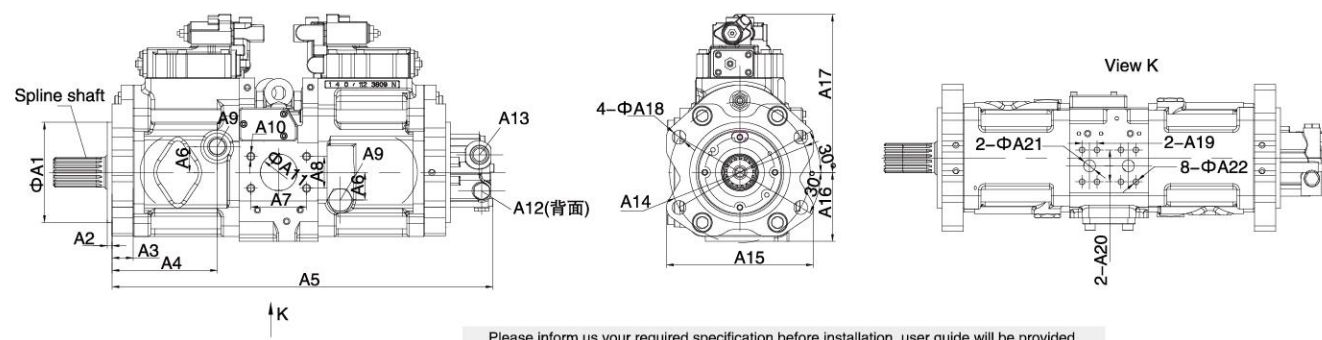


SK3V/SK5V DTP Series

Technical Specification

Model	SK3V63 DTP	SK3V112 DTP	SK3V140 DTP	SK3V180 DTP	SK5V80 DTP	SK5V140 DTP	SK5V160 DTP	SK5V200 DTP
Displacement	2x63 mL/r	2x112 mL/r	2x140 mL/r	2x180 mL/r	2x80 mL/r	2x140 mL/r	2x160 mL/r	2x200 mL/r
Direction of rotation (View from shaft end)	左/右旋							
Rated speed	2650 r/min	2360 r/min	2150 r/min	2150 r/min	2460 r/min	2360 r/min	2150 r/min	1900 r/min
Max. speed	3250 r/min	2700 r/min	2500 r/min	2500 r/min	3000 r/min	2700 r/min	2500 r/min	2200 r/min
inlet pressure	0.05~0.2 MPa							
Rated pressure	34.3 MPa							
Max. pressure	39.2 MPa							
Recommended oil	L-HM46 (Summer) L-HM32 (Winter)							
Housing pressure	≤0.25 MPa							
Working mode	Open circuit system							
Gear pump displacement	10 mL/r	15 mL/r						
Max. pressure	5 MPa							
Weight	85 kg	130 kg	165 kg	275 kg	85 kg	130 kg	165 kg	170 kg

Dimension



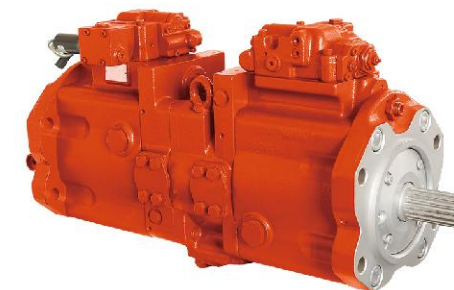
Specification	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13
SK3V63DTP/SK5V80DTP	125	8	27	138	552	37	88.9	50.8	G1/2	M12	60	G1/2	G3/4
SK3V112DTP/SK5V140DTP	160	8	33.5	167.5	607	41	88.9	50.8	G3/4	M12	60	G1/2	G3/4
SK3V140/180DT/SK5V160/180DTP	180	8	36	190	688	52.5	106.7	61.9	G3/4	M16	76	G1/2	G3/4

Specification	A14	A15	A16	A17	A18	A19	A20	A21	A22	Shaft 1	Shaft 2
SK3V63DTP/SK5V80DTP	180	190	92	200	18	27.8	57.2	25	M10	14T x 12/24DP x 30°	
SK3V112DTP/SK5V140DTP	224	234	110	252	22	27.8	57.2	25	M10	14T x 12/24DP x 20°	12T x 12/24DP x 20°
SK3V140/180DT/SK5V160/180DTP	250	256	123	245	22	27.8	57.2	25	M12	17T x 2.5J x 20°	

All original manufacturers' names, part numbers and description are for reference purposes only and it does not imply that any Part listed is the product of these manufacturers.

Application & Features

The SK5V DTH series is variable piston double pump. Multiple control modes can be selected to integrate flow control, pressure control, power control and other compound controls. It has the characteristics of high efficiency, long service life, compact design, special housing structure design, low noise requirements, which can be used for moving machines such as the excavator, crane, rotary drilling rig, etc.

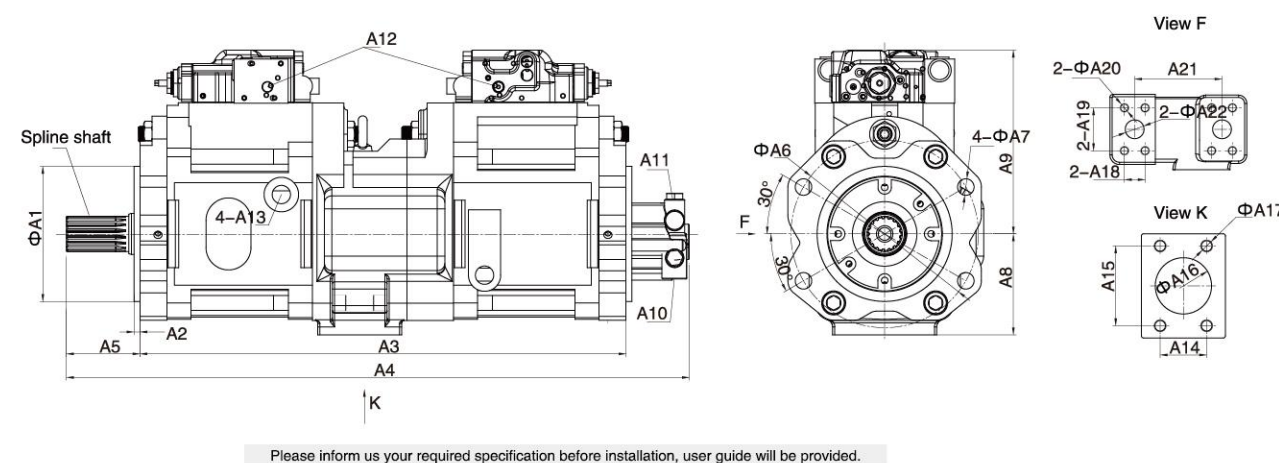


SK5V DTH Series

Technical Specification

Model	SK5V160 DTH	SK5V200 DTH
Displacement	2x160 mL/r	2x200 mL/r
Direction of rotation (View from shaft end)	左/右旋	
Rated speed	2100 r/min	1850 r/min
Max. speed	3250 r/min	2200 r/min
inlet pressure	0.05~0.2 MPa	
Rated pressure	34.3 MPa	
Max. pressure	39.2 MPa	
Recommended oil	L-HM46 (Summer) L-HM32 (Winter)	
Housing pressure	≤0.25 MPa	
Working mode	Open circuit system	
Gear pump displacement	15 mL/r	
Max. pressure	5 MPa	
Weight	160 kg	165 kg

Dimension



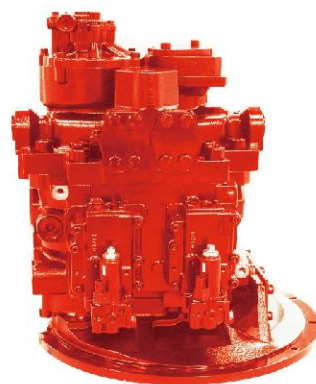
Specification	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11
SK5V160/200DTH	180	8	648	825	91	250	22	135	175	PF3/4	PF1/2

Specification	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22
SK5V160/200DTH	PF1/4	PF3/4	61.9	106.4	67	M16	27.8	57.2	M12	116	25

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Application & Features

The SK5V DPH series is a variable piston and double pump for open-loop heavy load industrial and mineral. Multiple control methods can be selected, including flow control, pressure control, power control and other compound controls. It has the characteristics of high efficiency, long service life, compact design, special housing structure design, low noise, which can be used for moving machines such as the excavator and the crane.

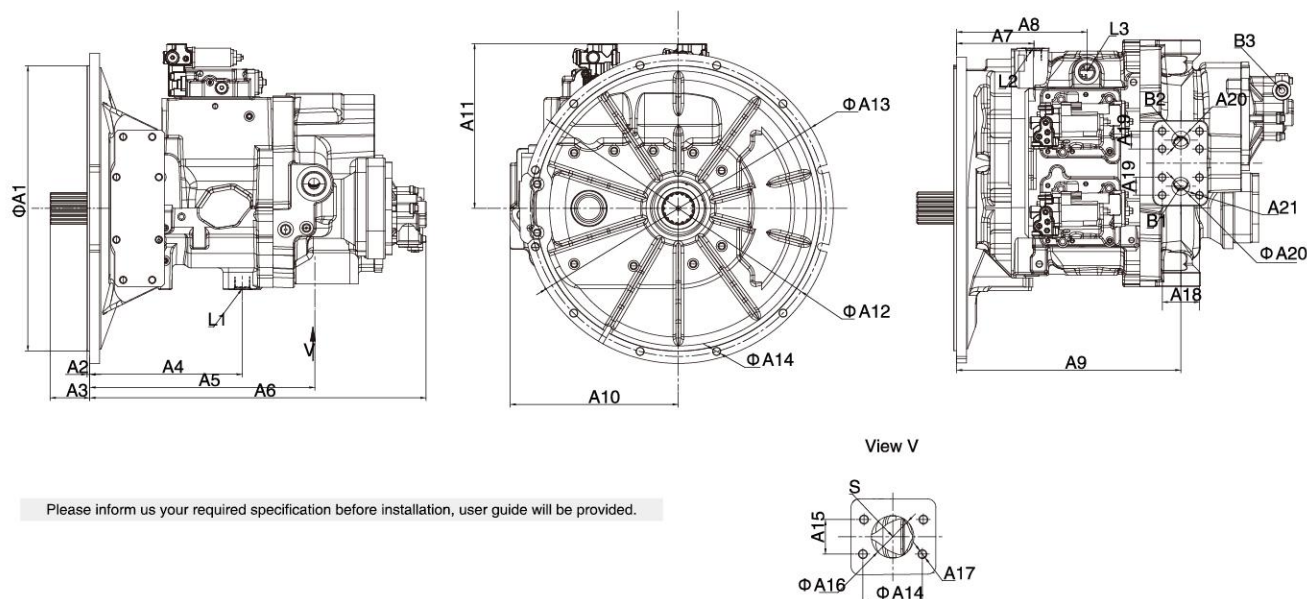


SK5V212 DPH

Technical Specification

Model	SK5V212 DPH
Displacement	2 x 212mL/r
Rated speed	1500 r/min
Rated pressure	30 MPa
Max. pressure	35 MPa
Direction of rotation (View from shaft end)	右旋
Weight	271 kg

Dimension



Please inform us your required specification before installation, user guide will be provided.

Specification	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14
SK5V212 DPH	511	5	71	273	403	602	138.5	233	401	301	295	530	555	13.5

Specification	Oil Inlet S				Oil Outlet B1, B2, B3					Oil Drain Port				shaft
	A14	A15	A16	A17	A18	A19	A20	A21	B3	L1	L2	L3		
SK5V212 DPH	106.4	61	75.9	M16	66.7	31.8	32	M14	G1/2	G3/4	G3/4	G3/4	17T x 6/16DP x 30°	

Application & Features

The SK7V series is a variable piston double-pump used for open-loop heavy load conditions. Multiple control methods are optional, which can integrate combined control such as flow control, pressure control, power control and other modes. It has the characteristics of compact design, short installation length, high volume efficiency and special housing structure design to achieve low noise requirements, which is applicable to moving machines such as the excavator and crane.

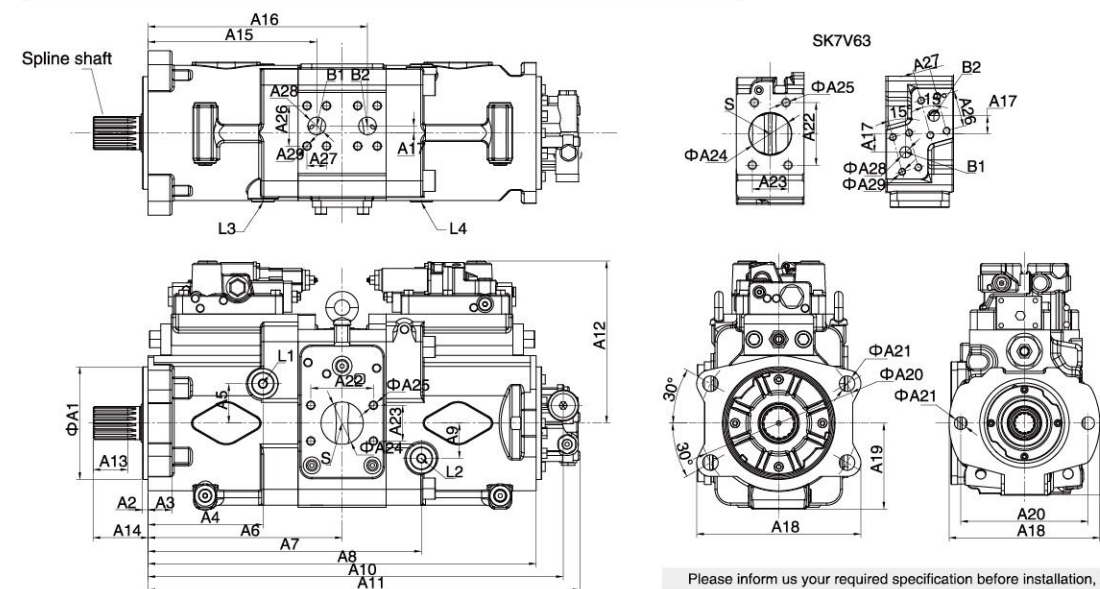


SK7V Series

Technical Specification

Model	SK7V63	SK7V125	SK7V138	SK7V180	SK7V280(CAT)	SK7V280(SANY)
Displacement	2x63 mL/r	2x125 mL/r	2x138 mL/r	2x180 mL/r	2x245 mL/r	2x280 mL/r
Rated speed	2650 r/min	2360 r/min	2200r/min	1800r/min	2100r/min	2100r/min
Rated pressure	35 MPa				37 MPa	
Max. pressure	40 MPa				42 MPa	
Direction of rotation (View from shaft end)	左/右旋					
Weight	82 kg	145 kg	145 kg	172.5 kg	265 kg	265 kg

Dimension



Please inform us your required specification before installation, user guide will be provided.

Specification	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18
SK7V63	127	13	23	129.5	42	201	347	401	42	440	465.5	226.5	47	76	181	221	26	214
SK7V125	160	8	34	163	56	276	388	551	56	588.5	613	228	54	77.5	239.5	311.5	10	233
SK7V138	160	8	34	163	56	276	388	551	56	588.5	613	230	49	78	239.5	311.5	10	233
SK7V180	180	12.4	32	187	63	293.5	400	587	63	-	634.5	242.5	76	120.4	264	323	32.5	257.6
SK7V280(CAT)	200	12.5	48	224	80	353	482	697	70	-	706	273	105	135.3	313	393	0	308
SK7V280(SANY)	200	12.5	48	224	80	353	482	697	70	761	784.5	273	95	115.3	313	393	0	308

Specification	Oil Inlet S				Oil Outlet B1, B2					Oil Drain Port				shaft
	A22	A23	A24	A25	A26	A27	A28	A29		L1	L2	L3	L4	
SK7V63	102.3	181	19	88.9	50.8	60	M12	50.8	23.8	16	M10	G1/2	-	14T x 12/24DP x 30°
SK7V125	122	224	22	88.9	50.8	60	M12	57.2	27.8	25	M12	G3/4	-	14T x 2.5DP x 20°
SK7V138	122	224	22	88.9	50.8	60	M12	57.2	27.8	25	M12	G3/4	-	17T x 2.5DP x 20°
SK7V180	143	250	22	120.7	69.9	76	M16	66.7	31.8	32	M12	1-1/16-12UNF	-	15T x 8/16DP x 30°
SK7V280(CAT)	144	300	26	120.7	70	89	M16	66.7	31.8	32	M12	1-1/16-12UNF	-	17T x 8/16DP x 30°
SK7V280(SANY)	144	300	26	120.7	70	89	M16	66.7	31.8	32	M12	G3/4	-	18T x 3DP x 20°

Application & Features

The SHPV series is a diagonal shaft variable double-piston pump used for open-loop heavy loading with left/right double-pump structure and optional multiple control modes; It has the characteristics of high efficiency, long service life, compact design, extremely short installation length, high volume efficiency, etc., which can be widely used in construction machinery such as the excavator and crane.

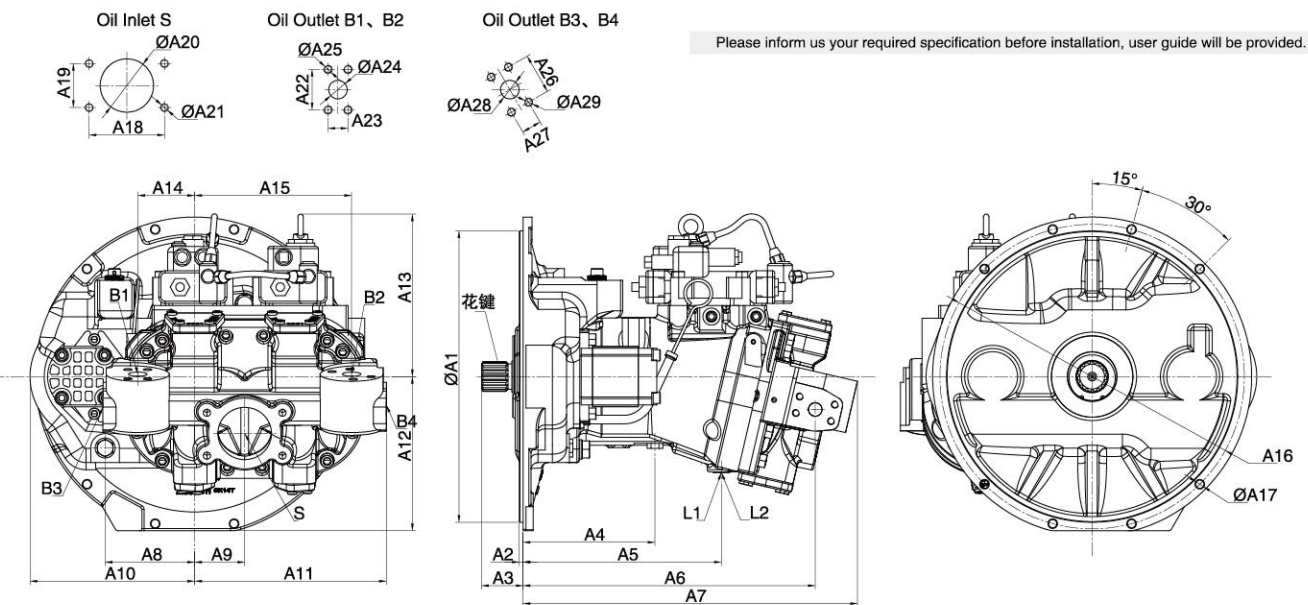


SHPV Series

Technical Specification

Model	SHPV102	SHPV118
Displacement	2x102 mL/r	2x118 mL/r
Rated speed	2000 r/min	
Max. speed	2500 r/min	
Rated pressure	28 MPa	
Max. pressure	30 MPa	
Direction of rotation (View from shaft end)	R:Clockwise	
Weight	186 kg	

Dimension



Specification	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17
SHPV102	409.6	5.5	58.5	185.5	279	411.2	470.5	126	70.5	231.7	270	217	228.6	80	221	428.5	11
SHPV118	409.6	5.5	34	163	56	276	388	551	56	588.5	613	228	54	77.5	239.5	311.5	10

Oil Inlet S				Oil Outlet B1, B2				Oil Outlet B3, B4				Oil Drain Port					
Specification	A18	A19	A20	A21	A22	A23	A24	A25	A26	A27	A28	A29	L1	L2	shaft		
SHPV102	106.4	62	76	M12	57.2	27.8	20	M12	50.8	23.8	19	M10	G3/8	-	15T x 2.5DP x 20°		
SHPV118	106.4	62	76	M12	57.2	27.8	20	M12	50.8	23.8	19	M10	G3/8	-	15T x 2.5DP x 20°		

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SHPV145

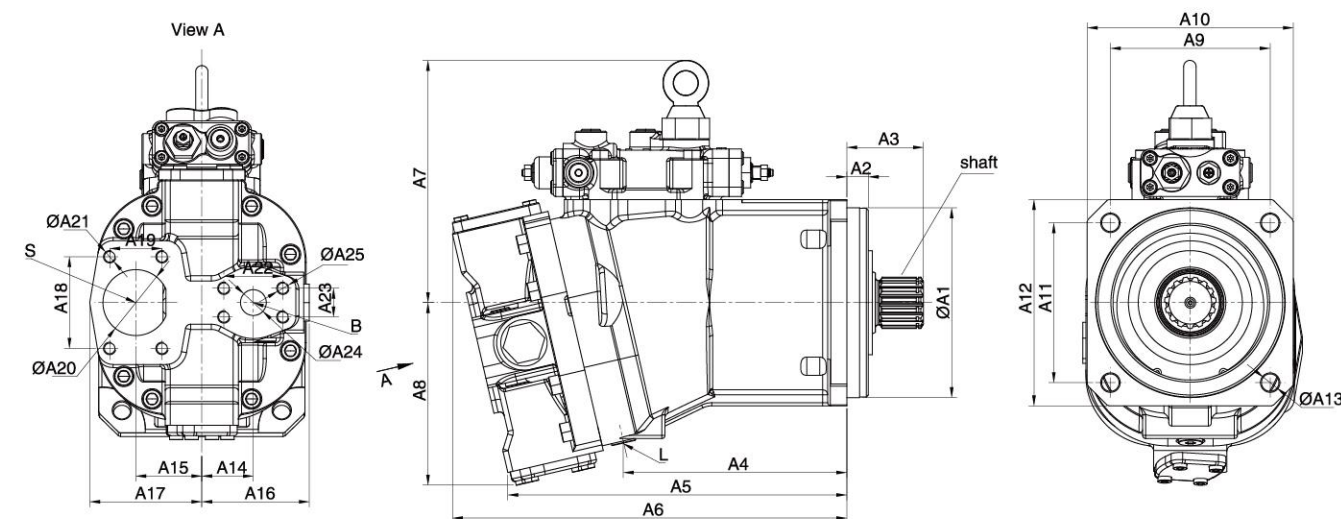
Application & Features

The SHPV145 is a kind of inclined shaft variable piston pump. Multiple control modes are optional. It has the characteristics of high efficiency, long service life, compact design, extremely short installation length, high volume efficiency, etc., which can be widely used in construction machinery such as the excavator and crane.

Technical Specification

Model	SHPV145
Displacement	145 mL/r
Rated speed	1800 r/min
Max. speed	2000 r/min
Rated pressure	30 MPa
Max. pressure	35 MPa
Direction of rotation (View from shaft end)	L:Counter clockwise
Weight	72 kg

Dimension



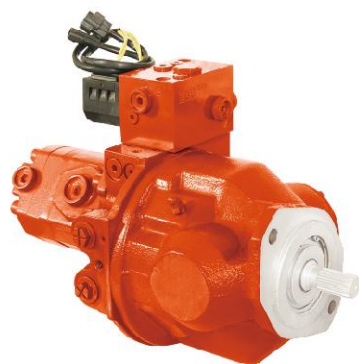
规格型号	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17
SHPV145	184	20.8	74.3	217	329	383	235	177	155.5	200	155.5	200	17.5	50	64	104.3	108.8

Oil Inlet S				Oil Outlet B						
规格型号	A18	A19	A20	A21	A22	A23	A24	A25	Dr L	shaft
SHPV145	88.9	50.8	63.5	M12	57.2	27.8	25	M12	G3/8	15T x 8/16DP x 30°

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Application & Features

The SAP2D series is a piston pump for small-type multi-function requirements with compact structure, single cylinder and double-output. It can fully absorb engine power. The pressure of the third pump can be used to realize power change. The through shaft drive can connect the third pump in series.

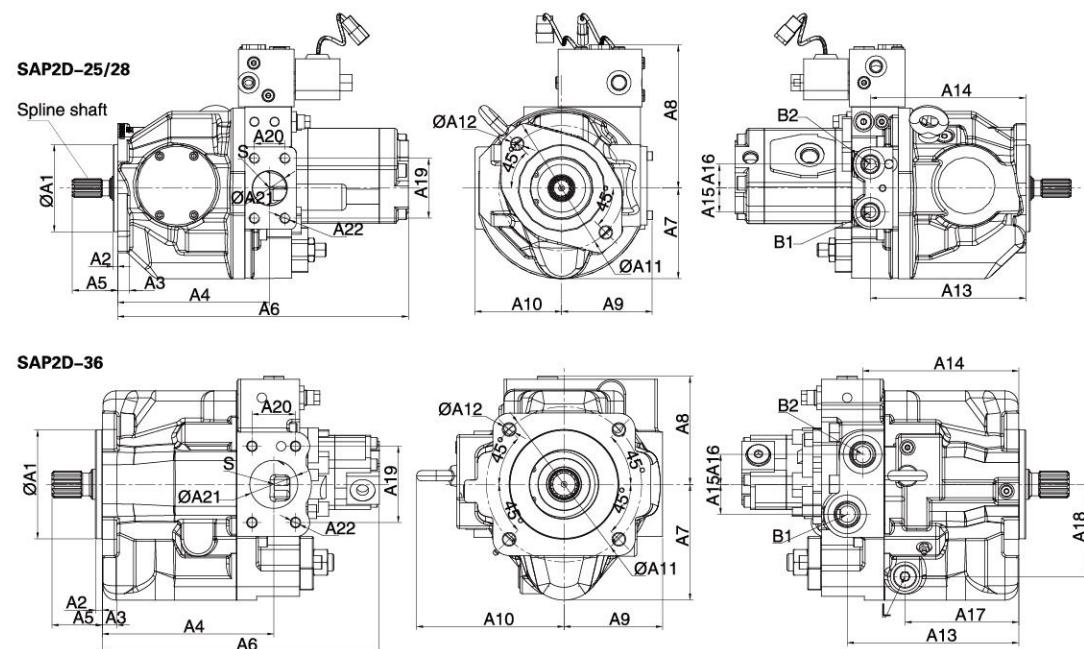


SAP2D Series

Technical Specification

Model	SAP2D-25/28	SAP2D-36
Displacement	2x27.5 mL/r	2x36 mL/r
Rated speed	2600 r/min	2200 r/min
Max. speed	26 MPa	
Rated pressure	R:Clockwise	
Weight	27 kg	45 kg

Dimension



Please inform us your required specification before installation, user guide will be provided.

Specification	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14
SAP2D-25/28	101.6	5	14	177.5	53	339.2	105.5	167.2	105.8	101	146	14	181.5	181.5
SAP2D-36	127	6.5	17	200	58.7	323.2	135	126	115	172	181	14	200.2	182.5

Oil Inlet S

Oil Outlet B1, B2

Specification	A15	A16	A17	A18	A19	A20	A21	A22	B1	B2	Dr L	shaft
SAP2D-25/28	28	28	-	-	69.9	35.7	41	M12	G1/2	G1/2	-	13T x 16/32DP x 30°
SAP2D-36	35	35	132.8	107.5	88.9	50.8	56	M12	G3/4	G3/4	G1/2	14T x 12/24DP x 30°

All original manufacturers' names, part numbers and description are for reference purposes only and it does not imply that any Part listed is the product of these manufacturers.

Application & Features

The SA7VO55 is an axial tapered piston variable pump with a diagonal shaft structure, which is used for open-circuit hydrostatic transmission. The output flow is proportional to the rotating speed and pump displacement, and the flow is stepless adjustable from maximum to zero (Q_{max} to $Q_{min} = 0$). The multiple variable modes and a solid and compact bearing system makes the pump has long service life, which is applicable to travel machinery and industrial fields.

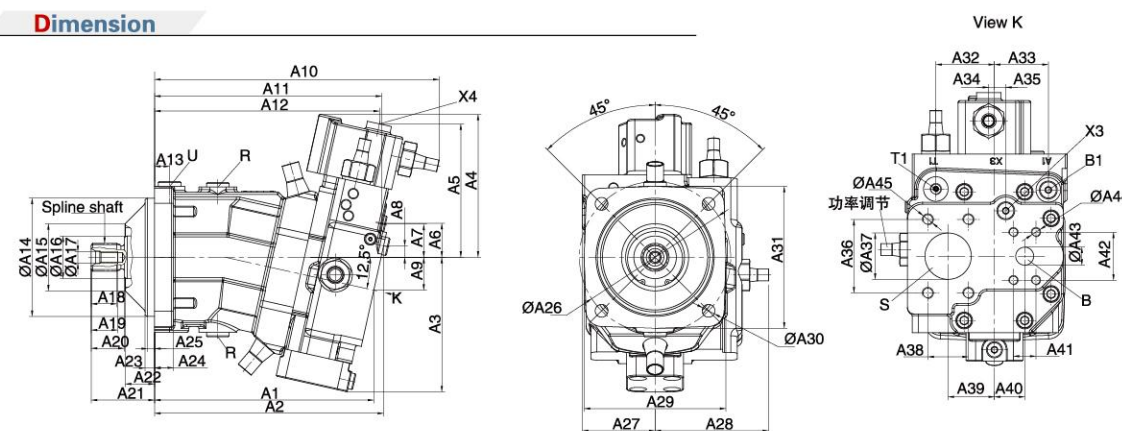


SA7VO Series

Technical Specification

Model	SA7VO55	SA7VO107	SA7VO160
Displacement	54.8 mL/r	107 mL/r	160 mL/r
Direction of rotation (View from shaft end)	L:Counter clockwise		
Max. speed	2500 r/min	2150 r/min	1900 r/min
Rated pressure	35 MPa		
Max. pressure	40 MPa		
Factory power setting	40KW(Speed 2300r/min)		110KW(Speed 2300r/min)
Recommended oil	L-HM46 (Summer) L-HM32 (Winter)		
Working mode	Open circuit system		
Weight	25 kg	49 kg	71 kg

Dimension



Specification	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22
SA7VO55	232	242	142	151	141	36	35	12	35	301	241	238	16	125	71	45	M12	27	28	35	67	31
SA7VO107	272	289	170	150	-	46	37	18	41	307	286	234	16	160	90	60	M12	28	37	45	85.5	45
SA7VO160	310	328	193	188	175	65	56	36	47	340	333	328	20	180	105	70	M16	36	42	51	90	39

Specification	A23	A24	A25	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43
SA7VO55	10	20	7.5	160	77	120	150	13.5	150	62	57	6	12	77.8	49	42.9	49	32	23.8	50.8	19
SA7VO107	14.6	25	7.5	200	95	115	190	17.5	190	74	10	18	22	88.9	62	50.8	55	36	22.8	57.2	25
SA7VO160	10.5	20	7.5	224	115	133	210	17.5	210	84	88	0	22	106.4	75	61.4	66	40	31.8	66.7	32

Specification	A44	A45	U	R	B1	T1	X3	X4	shaft
SA7VO55	M10-17	M12-20	M18X1.5	M18X1.5	M14X1.5	M12X1.5	M12X1.5	M14X1.5	DIN5480 W30 x 2 x 30 x 14 x 9g
SA7VO107	M12-17	M12-17	M18X1.5	M18X1.5	-	-	M14X1.5	M14X1.5	DIN5480 W40 x 2 x 30 x 18 x 9g
SA7VO160	M14-19	M16-24	M22X1.5	M26X1.5	M16X1.5	M12X1.5	M16X1.5	M14X1.5	DIN5480 W45 x 2 x 30 x 21 x 9g

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Application & Features

The SM5X series is diagonal disc piston motor with built-in mechanical brake, buffer relief valve and oil supply valve, which integrates the arrangement of rotating parts, mechanical brake parts and auxiliary functional valves. The mounting flange is directly connected to the reducer gear ring. High-voltage compactness transformation improves output power. It can be used in rotary occasions such as the excavator and rotary drilling rig.

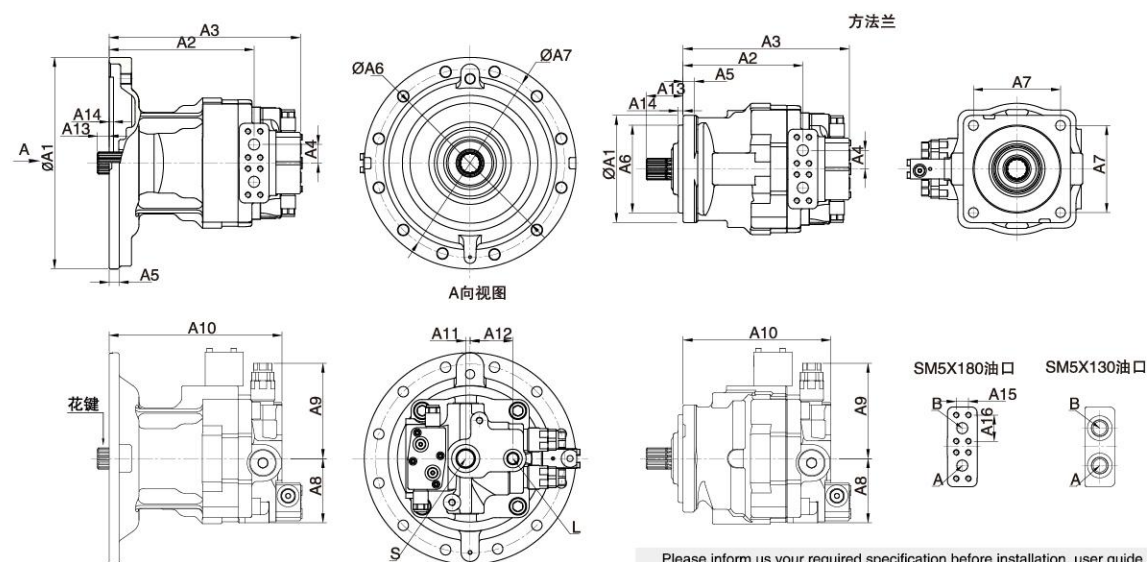


SM5X Series

Technical Specification

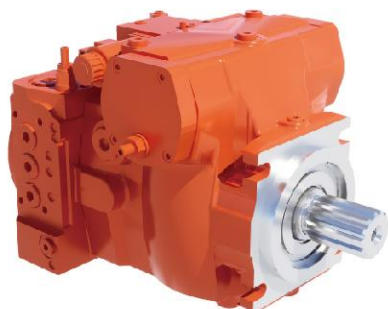
Model	SM5X130	SM5X180
Displacement	130 mL/r	170 mL/r
Max. speed	1850 r/min	1680 r/min
Rated pressure	32.4 MPa	
Max. pressure	39.2 MPa	
Direction of rotation (View from shaft end)	R:Clockwise	L:Counter clockwise
Weight	55 kg	61 kg

Dimension



Application & Features

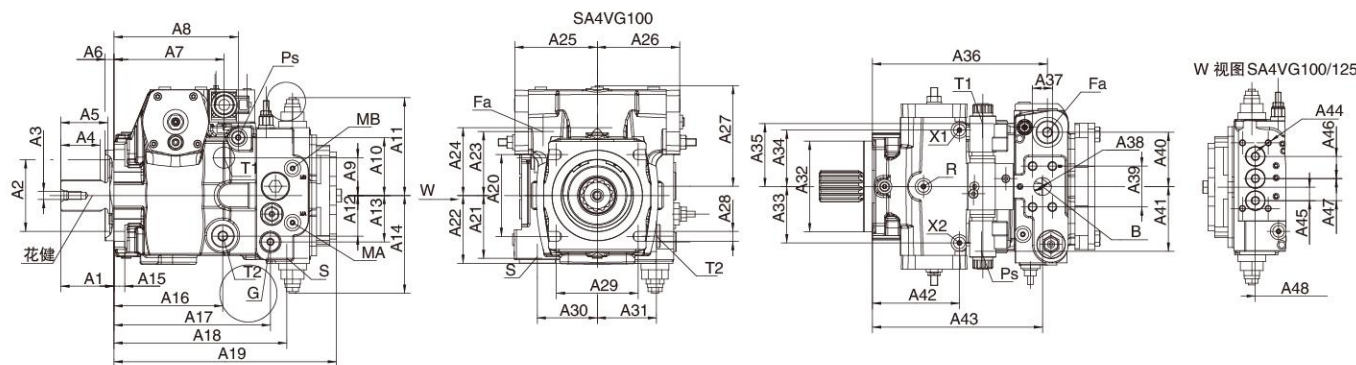
The SA4VG is a swash plate axial variable piston pump for hydrostatic transmission in closed circuits. The flow is proportional to the output speed and displacement and can be steplessly adjusted. A wide range of compatible control devices provide a variety of control and adjustment functions and the built-in charge pump is used as a supply and control pump, and the maximum charge pressure is limited by the built-in charge relief valve.


SA4VG Series

Technical Specification

Model	SA4VTG90	SA4VG100	SA4VG125
Displacement	90	100	125
Direction of rotation (View from shaft end)		R:Clockwise	
Min. speed	500 r/min	500 r/min	500 r/min
Max.speed	3300 r/min	3300 r/min	2850 r/min
Rated pressure	40 MPa		
Max.pressure	45 MPa		
Gear pump	20 mL/r		
Recommended oil	L-HM46 (Summer) L-HM32 (Winter)		
Working mode	Closed circuit system		

Dimension



Please inform us your required specification before installation, user guide will be provided.

Specification	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18	A19	A20	A21	A22
SA4VTG90	56.9	Ø100.5	7/16-14UNC-2B	41	48.2	12.7	153	157	53	77	110	53	/	110	15	153	/	234	294	115	102	AB,90.3
SA4VG100	74.4	Ø100.5	7/16-14UNC-2B	55	65.6	12.7	154	174	53.1	81.2	137	56.8	65	137	15	152	219	242	312	115	88	A,95
SA4VG125	75	Ø91	5/8-11UNC-2B	55	67	12.7	185	185	75	91	192	75	52	149	20	185	239	274	326	162	103	A,115

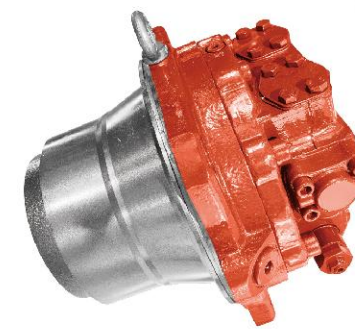
Specification	A23	A24	A25	A26	A27	A28	A29	A30	A31	A32	A33	A34	A35	A36	A37	A38	A39	A40	A41	A42	A43
SA4VTG90	/	AB,90.3	116	116	185	14.3	115	4.2	83	Ø127(0/-0.063)	79	79	83.1	/	27.8	Ø25.8	57.2	/	80	121.8	229.1
SA4VG100	89.5	B,95	116	116	141	14.3	115	84	83	Ø127(0/-0.063)	79	79	88	245	27.8	Ø25	57.2	76	90.7	121.7	238.1
SA4VG125	103	B,115	137	137	192	21	162	82.5	94	Ø152.4(0/-0.063)	94	94	96	279	31.8	Ø32	66.7	86	90	143.5	273.4

Specification	A44	A45	A46	A47	A48	X1,X2	R	T1	T2
SA4VTG90	/	/	/	/	/	M12 × 1.5-12	M12 × 1.5-12	M26 × 1.5-16	M26 × 1.5-16
SA4VG100	M8 - 10	19	31	31	245	M12 × 1.5-12	M12 × 1.5-12	M26 × 1.5-16	M26 × 1.5-16
SA4VG125	M8 - 12.5	23	43	43	268	M16 × 1.5-12	M16 × 1.5-12	M33 × 2-18	M33 × 2-18

All original manufacturers'names,part numbers and description are for reference purposes only and it does not imply that any Part listed is the product of these manufacturers.

Application & Features

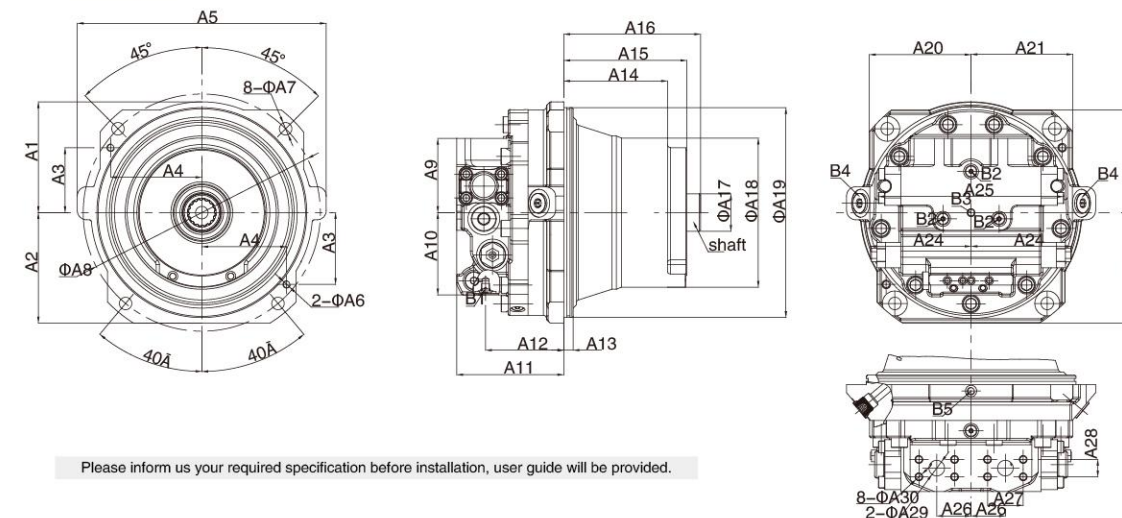
The SMSF-340 is a swash plate axial variable piston motor for hydrostatic transmission in open and closed circuits. The driving speed is proportional to the flow and displacement, which can realise the automatic switching between high speed and low speed. Built-in high-pressure buffer relief valve can effectively protect and improve the service life of the motor. It is widely used in the mobile system of various construction machines, such as excavators and loaders. Fixed displacement and high efficiency make it maintain good working performance under various working conditions.


SMSF340

Technical Specification

Model	SMSF-340VP-FL18	SMSF-340VP-FH7	SMSF-340VP-FH8	SMSF-340VP-EH7
Displacement	304.1 mL/r	304.1 mL/r	337.2 mL/r	337.2 mL/r
Displacement	175.7 mL/r	196.8 mL/r	228.6 mL/r	228.6 mL/r
Direction of rotation (View from shaft end)	R:Clockwise		L:Counter clockwise	
Max.allowable flow	494 L/min			
Rated pressure	34.3 Mpa			
Buffer pressure	14.7 Mpa			
Control mode	Leading variable + Automatic pressure switching			

Dimension



Please inform us your required specification before installation, user guide will be provided.

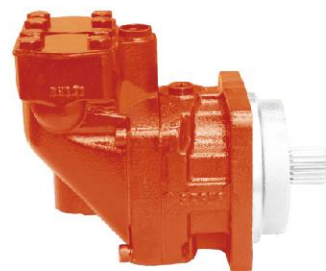
Specification	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17	A18
SMSF-340VP-FL18	177.5	177	104	146	399	M12	20	380	119	132	171.5	125.5	15	166	197	219	59.8	239
SMSF-340VP-FH7	177.5	177	104	146	399	M12	20	380	119	132	171.5	125.5	15	166	197	219	59.8	239
SMSF-340VP-FH8	177.5	177	104	146	399	M12	20	380	119	132	171.5	125.5	15	166	197	219	59.8	239
SMSF-340VP-EH7	177.5	177	104	146	399	M12	20	380	119	132	171.5	125.5	15	164	194	216	59.8	239

Specification	A19	A20	A21	A22	A23	A24	A25	A26	A27	A28	A29	A30	B1	B2	B3	B4	B5	轴伸
SMSF-340VP-FL18	336.37	163	163	164.5	177	161	309	55	57.2	27.8	25	M12	G1/4	G1/4	M12	G3/4	M12	
SMSF-340VP-FH7	336.37	163	163	164.5	177	161	309	55	57.2	27.8	25	M12	G1/4	G1/4	M12	G3/4	M12	JIS D 200145 × 16 × 2.5
SMSF-340VP-FH8	336.37	163	163	164.5	177	161	309	55	57.2	27.8	25	M12	G1/4	G1/4	M12	G3/4	M12	
SMSF-340VP-EH7	336.37	163	163	164.5	177	161	309	55	57.2	27.8	25	M12	G1/4	G1/4	M12	G3/4	M12	

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Application & Features

The SF12 ISO is a swash plate bend type fixed displacement piston motor with high efficiency, low noise and high reliability. With bevel gear driving, drive shaft and cylinder block are at an angle of 40°, making the motor compact and light weight. It is suitable for fan and high frequency vibration pile driver.

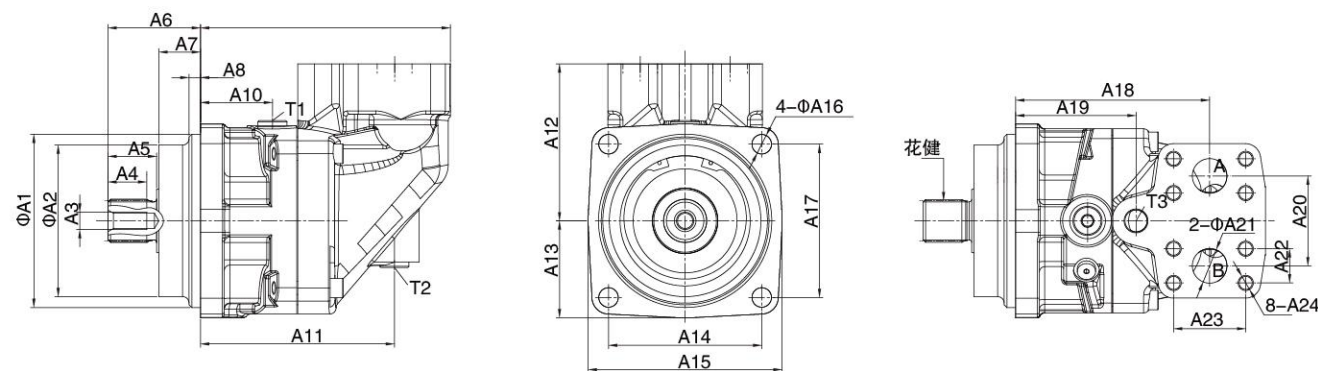


SF12 ISO Series

Technical Specification

Model	SF12-080	SF12-090	SF12-110	SF12-125
Displacement	80.4 mL/r	93 mL/r	110.1 mL/r	125 mL/r
Direction of rotation (View from shaft end)	R:Clockwise		L:Counter clockwise	
Rated speed	35 Mpa			
Max.pressure	42 Mpa			
Max.speed	4800 r/min	4600 r/min	4400 r/min	4200 r/min
Recommended oil	L-HM46 (Summer)		L-HM32 (Winter)	
Housing pressure	≤ 3 bar			

Dimension



Please inform us your required specification before installation, user guide will be provided.

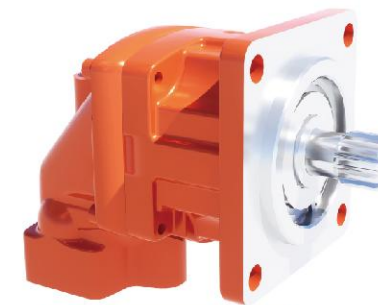
Specification(ISO)	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15
SF12-080/090	140	128	M16	36	45	77.5	30.5	10	216	72.4	172.4	135	80	127.2	155
SF12-110/125	160	140	M16	36	45	85.5	38.5	10.5	230.8	66.5	179	145	89.5	141.5	179

Specification(ISO)	A16	A17	A18	A19	A20	A/B				Oil Drain Port			Shaft		
						A21	A22	A23	A24	T1/T2	T3	Z	DP	a	
SF12-080/090	13.5	127	173	—	75	25	27.8	57.2	M12;— 20	M22 × 1.5	—	18	2	30°	
SF12-110/125	18	142	179	111	83	32	31.8	66.7	M14;— 26	M22 × 1.5	M22 × 1.5	18	2	30°	

All original manufacturers'names,part numbers and description are for reference purposes only and it does not imply that any Part listed is the product of these manufacturers.

Application & Features

The SF12 SAE is a swash plate bend type fixed displacement piston motor with high efficiency, low noise and high reliability. With bevel gear driving, drive shaft and cylinder block are at an angle of 40°, making the motor compact and light weight. It is suitable for fan and high frequency vibration pile driver.

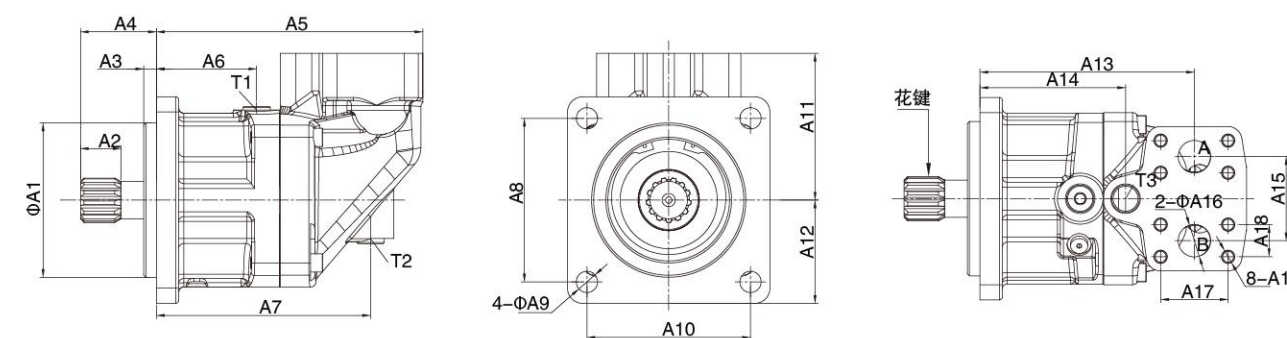


SF12 SAE Series

Technical Specification

Model	SF12-080	SF12-090	SF12-110	SF12-125
Displacement	80.4 mL/r	93 mL/r	110.1 mL/r	125 mL/r
Direction of rotation (View from shaft end)	R:Clockwise		L:Counter clockwise	
Rated speed	35 Mpa			
Max.pressure	42 Mpa			
Max.speed	4800 r/min	4600 r/min	4400 r/min	4200 r/min
Recommended oil	L-HM46 (Summer)		L-HM32 (Winter)	
Housing pressure	≤ 3 bar			

Dimension



Please inform us your required specification before installation, user guide will be provided.

Specification(SAE)	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15
SF12-080/090	127	26	12.5	55.5	240.6	95	197	114.5	14	114.5	135	78	197.1	—	75
SF12-110/125	152.4	40	12.5	75	263.3	99	211.6	161.6	21	161.6	145	102	211.8	143.8	83

Specification(SAE)	A/B				Oil Drain Port			Shaft		
	A16	A17	A18	A19	T1/T2	T3	Z	DP	a	
SF12-080/090	25	57.2	27.8	7/16-14UNC深27	7/8-14UNF	—	14	12/24DP	30°	
SF12-110/125	32	66.7	31.8	1/2-13UNC深25	1 1/16-12UN	1 1/16-12UN	13	8/16DP	30°	

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Application & Features

The SF11 is a bend shaft type fixed displacement piston motor with high efficiency, low noise and high reliability. With bevel gear driving, drive shaft and cylinder block at an angle of 40 ° , making the motor structure is compact, light weight and the back cover is integrated with a replenishment valve. Suitable for fan and forestry machinery chain saws.

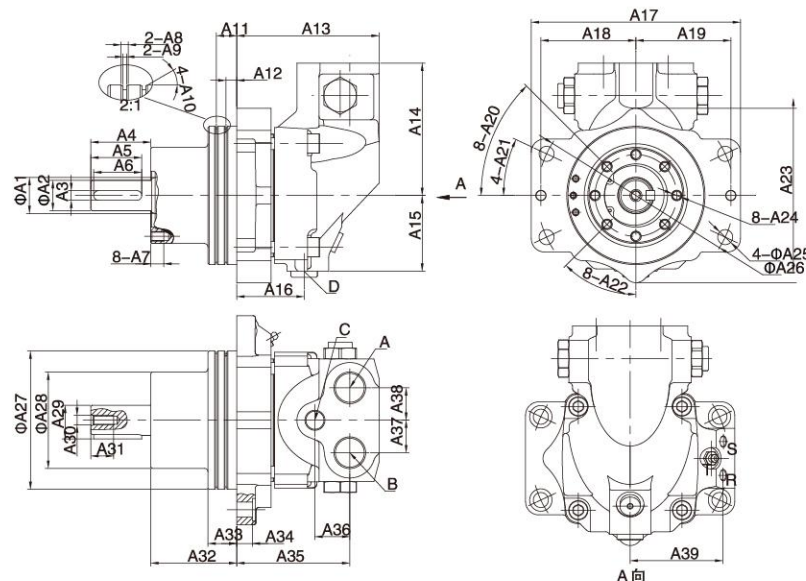


SF11-019

Technical Specification

Model	SF11-019	
Displacement	19 mL/r	
Direction of rotation (View from shaft end)	R:Clockwise	L:Counter clockwise
Max.pressure	42 Mpa	
Max.speed	8900 r/min	
Recommended oil	L-HM46 (Summer)	L-HM32 (Winter)
Housing pressure	≤ 3 bar	

Dimension

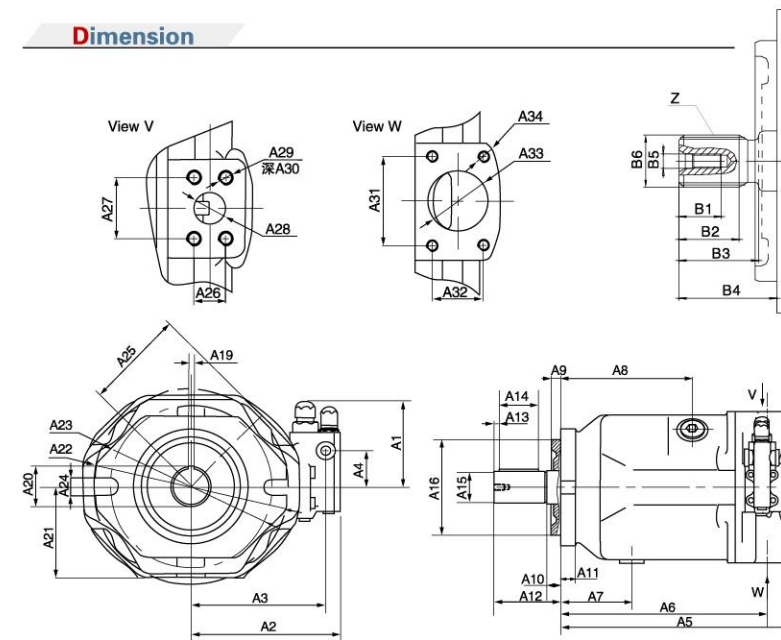


Please inform us your required specification before installation, user guide will be provided.

Specification	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15
SF11-019	30	25	8	50	42.4	40	10.8	3	1.6	30°	17	9	118.4	110	63
Specification	A16	A17	A18	A19	A20	A21	A22	A23	A24	A25	A26	A27	A28	A29	A30
SF11-019	56	174	79	79	45°	25°	45°	145	M8	12.5	164	115	80	28	M8
Specification	A31	A32	A33	A34	A35	A36	A37	A38	A39	A/B		C/D		C/D	
SF11-019	19	71.5	24	13	94	29	27	27	77	BSP3/4		BSP3/8		BSP1/8	

All original manufacturers'names,part numbers and description are for reference purposes only and it does not imply that any Part listed is the product of these manufacturers.

Dimension



Please inform us your required specification before installation, user guide will be provided.

Technical Specification

Model	SA10VSO18/31	SA10VSO28/31	SA10VSO45/31	SA10VSO71/31	SA10VSO100/31	SA10VSO140/31
Displacement	18 mL/r	28 mL/r	45 mL/r	71 mL/r	100 mL/r	140 mL/r
Direction of rotation (View from shaft end)	R:Clockwise			L:Counter clockwise		
Rated speed	2200 r/min	2000 r/min	1500 r/min	1500 r/min	1500 r/min	1500 r/min
Max.speed	3300 r/min	3000 r/min	2600 r/min	2200 r/min	2000 r/min	1800 r/min
Absolute pressure	0.03~3 MPa					
Rated pressure	28 MPa					
Max.pressure	35 MPa					
Recommended oil	L-HM46 (Summer)			L-HM32 (Winter)		
Housing pressure	≤0.2 MPa					
Working mode	Open circuit system					

Specification	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14	A15	A16	A17
SA10VSO18/31	105	125	119	40	195	145	43	83	7	8	11.5	26	2	25	Φ18	Φ80	63
SA10VSO28/31	105	135	119	40	206	165	40	90	9	10	13	46	2	32	Φ22	Φ100	80
SA10VSO45/31	105	145	129	40	224	184	45	96	9	10	13	52	3	36	Φ25	Φ100	90
SA10VSO71/31	105	160	143	40	257	217	53	115	9	10	20	60	2.5	45	Φ32	Φ125	104
SA10VSO100/31	105	165	148	40	326	275	95	175	9	10	17	80	1.5	68	Φ40	Φ125	100
SA10VSO140/31	105	209	183	40	337	275	78	173	9	10	21	92	1.5	80	Φ45	Φ180	110

Specification	A18	A19	A20	A21	A22	A23	A24	A25	A26	A27	A28	A29	A30	A31	A32	A33	A34
SA10VSO18/31	63	6	20.5	68		109	11	66	22.2	47.6	20	M10	20	52.4	26.2	25	M10
SA10VSO28/31	80	6	24.5	75	174	140	14	74	22.2	47.6	20	M10	17	58.7	30.2	32	M10
SA10VSO45/31	90	8	28	81	177	140	14	83	26.2	52.4	25	M10	17	70	35.7	40	M12
SA10VSO71/31	104	10	35	92	210	180	18	98	30.2	58.7	25	M10	20	78	43	50	M12
SA10VSO100/31	100	12	43	95		180	17.5	106	31.8	66.7	32	M14	19	89	50	61	M12
SA10VSO140/31	110	14	48.5	108		224	18	118.5	31.8	66.7	32	M14	20	89	50	63	M12

Specification	S						U					
	B1	B2	B3	B4	B5	B6	B1	B2	B3	B4	B5	B6
SA10VSO18/31	12.5	22	30	38	No.12-24 UNC	9T-16/32DP	12.5	15.8	23.8	31.8	No.12-24 UNC	11T-16/32DP
SA10VSO28/31	16	25	33	41	1/4-20 UNC	13T-16/32DP						
SA10VSO45/31	16	30	38	46	1/4-20 UNC	15T-16/32DP	16	25	33	41	1/4-20 UNC	13T-16/32DP
SA10VSO71/31	19	39.5	47.5	55.4	5/16-18 UNC	14T-12/24DP						
SA10VSO100/31	28	43.6	54	70	7/16-14 UNC	17T-12/24DP	19	39.5	47.5	55.4	5/16-18 UNC	14T-12/24DP
SA10VSO140/31	36	55	67	75	5/8-11 UNC	13T-8/16DP						

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SKS HYDRAULICS



SA10VSO/31 Series

The SA10VSO/31 series is a medium pressure diagonal disc piston pump with constant pressure control, constant flow control, constant power control, remote pressure regulation control and other modes. It has the advantages of simple structure, small volume, light weight, low noise, long service life, etc., which can be combined into series pump drive and is widely used in the fields of metallurgical machinery, mining machinery, industrial machinery, engineering machinery, etc.