



기타 펌프류

OTHER PUMPS



SEWON Hydraulics

■ SVP 시리즈 가변 베인펌프 Variable Displacement Vane Pumps

■ 특징

● 안정적인(일정한) 유량

새롭게 설계한 토출유량 입력제어시스템인 “압력 밸런스 메커니즘”을 기반으로 토출량이 매우 안정적입니다.

● 에너지 절약 타입

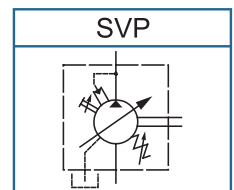
초정밀도 가공기술을 통해 고효율을 얻으면서 동력손실은 더욱 감소시켰습니다.

● 진동이 없고 조용함

특수설계된 Cam Ring으로 고압 작동시에도 소음을 최소화 시켰습니다.



KS 유압기호도



■ 사양

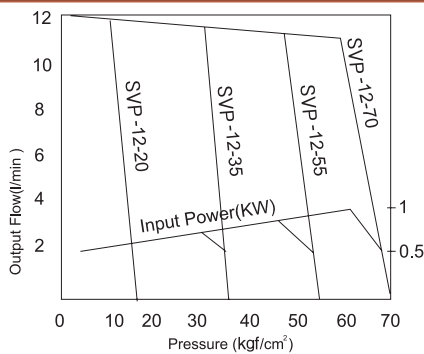
모델 코드	최대압력 MPa(bar)	최대유량 L/min	질량 kg
SVP-12	7 (70)	12	4.8
SVP-20		20	5.2
SVP-30		30	9.0
SVP-40		40	9.0

■ 모델코드 구성(싱글펌프)

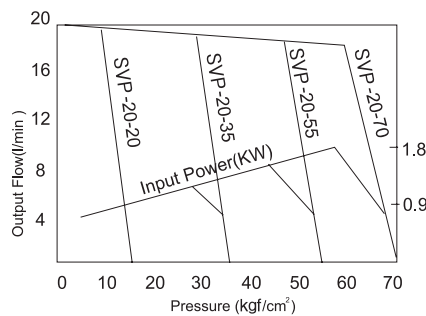
SVP 시리즈 코드	-12 토출량(L/min)	-70 압력 조정 범위	-10 설계 번호
SVP	12	20 : 8 ~ 20bar	10
	20	35 : 15 ~ 35bar	
	30	55 : 30 ~ 55bar	
	40	70 : 50 ~ 70bar	

■ 압력-토출량, 축입력 특성

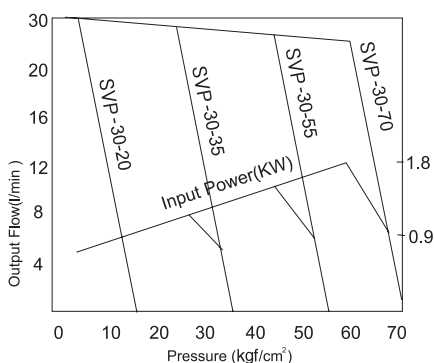
SVP-12



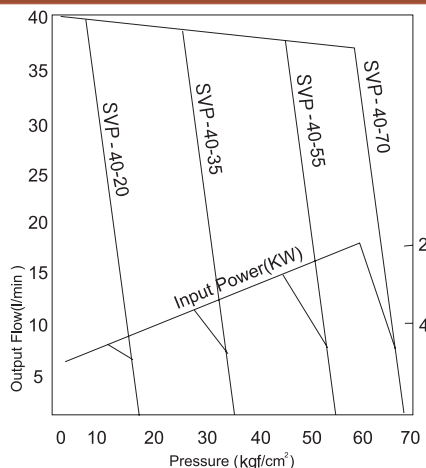
SVP-20



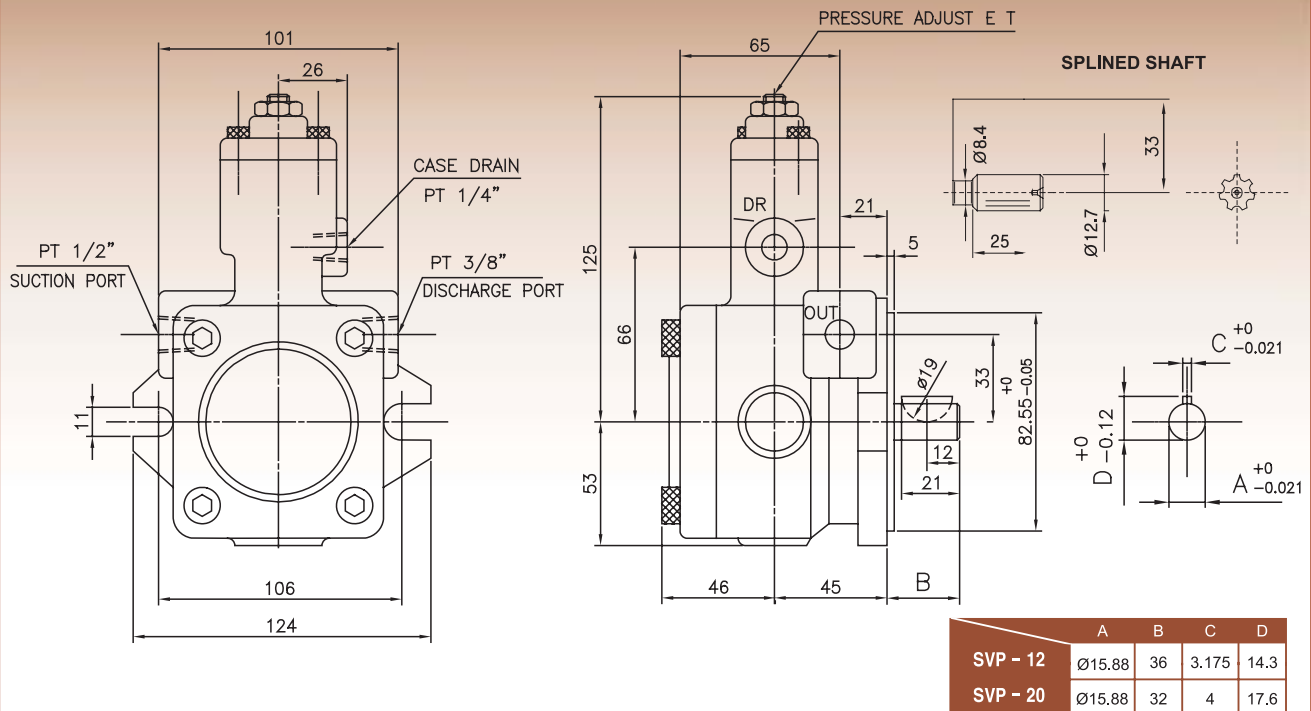
SVP-30



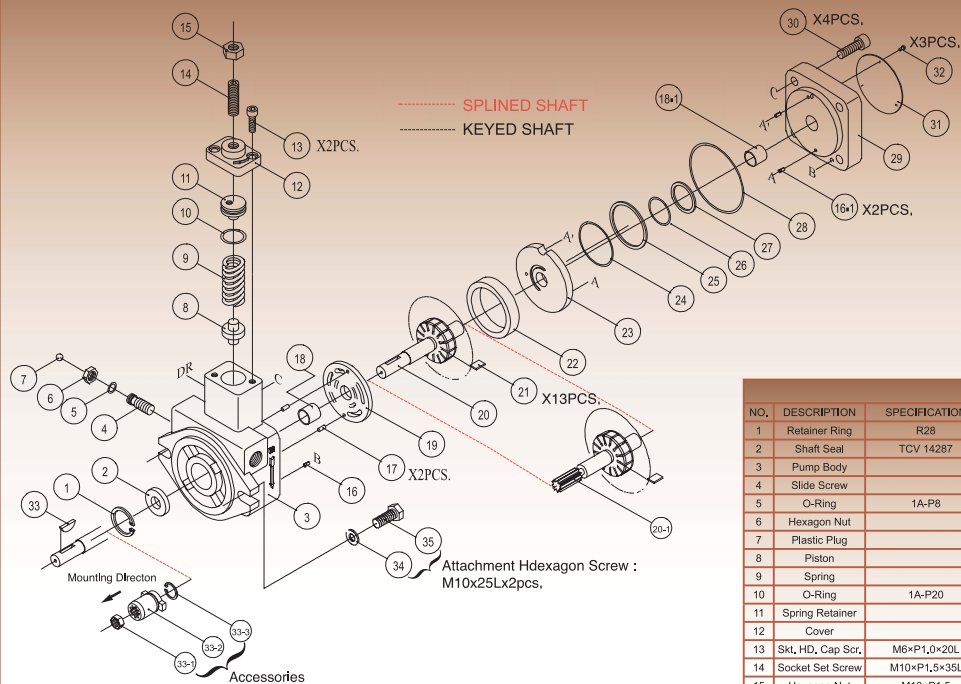
SVP-40



SVP – 12, 20

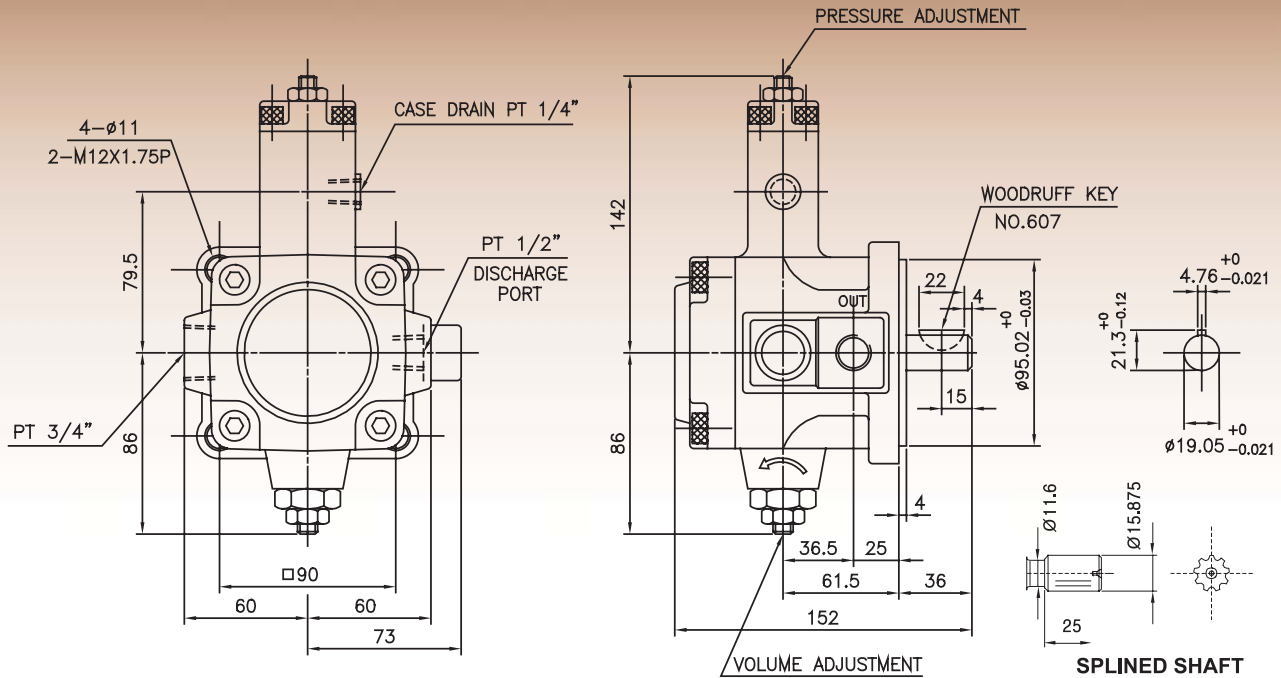


ASSEMBLY & PARTS LIST

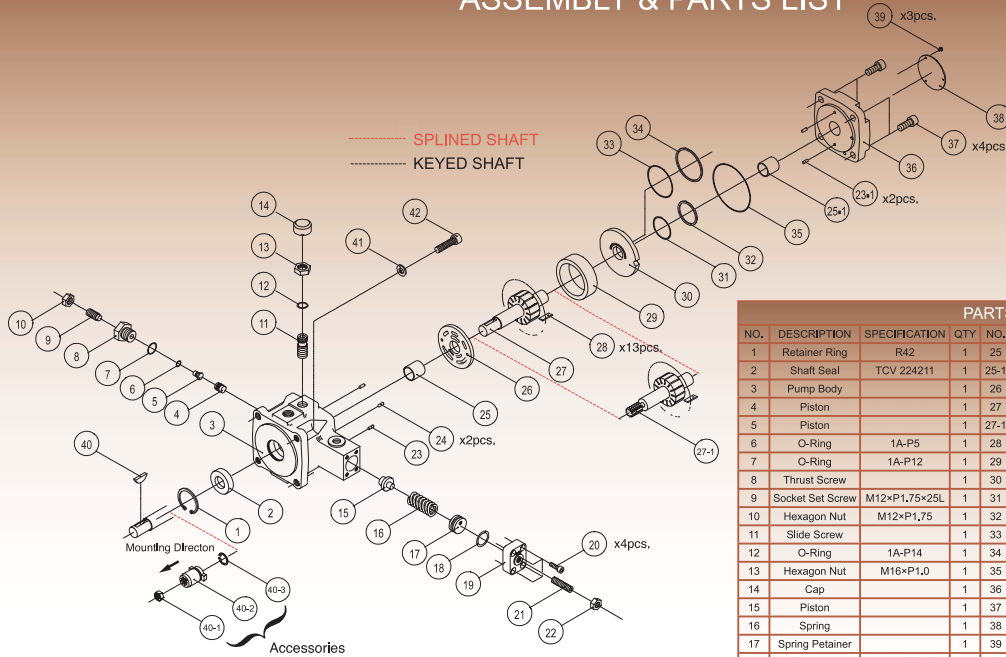


PARTS LIST							
NO.	DESCRIPTION	SPECIFICATION	QTY	NO.	DESCRIPTION	SPECIFICATION	QTY
1	Retainer Ring	R28	1	20	Rotorshaft		1
2	Shaft Seal	TCV 14287	1	21	Vanes		13
3	Pump Body		1	22	Cam Ring		1
4	Slide Screw		1	23	Thrust Plate		1
5	O-Ring	1A-P8	1	24	O-Ring	AS568-031	1
6	Hexagon Nut		1	25	Endless Back-up Ring		1
7	Plastic Plug		1	26	O-Ring	AS568-023	1
8	Piston		1	27	Endless Back-up Ring	Keyed Shaft	1
9	Spring		1	27-1	Endless Back-up Ring	Spined Shaft	1
10	O-Ring	1A-P20	1	28	O-Ring	1A-S71	1
11	Spring Retainer		1	29	Cover		1
12	Cover		1	30	Skt. HD, cap Scr.	M8×P1.25×30L	4
13	Skt. HD, Cap. Scr.	M6×P1.0×20L	2	31	Name Plate		1
14	Socket Set Screw	M10×P1.5×35L	1	32	Fixing Screw		3
15	Hexagon Nut	M10×P1.5	1	33	Woodruff Key	NO.406	1
16	Spring Pin	ø3 8	1	33-1	Hexagon Nut	M10 X P1.2	1
16-1	Spring Pin	ø3 8	2	33-2	Coupling		1
17	Straight Pin	ø3 8	2	33-3	Retainer Ring		1
18	Engine Bush	DIADO(JAPAN)DD1415	1	34	Washer	M10	2
18-1	Engine Bush	DIADO(JAPAN)DD1415	1	35	Hexagon Screw	M10×P1.5×25L	2
19	Port Plate		1	※33-1~35 are Accessories.			

SVP - 30, 40



ASSEMBLY & PARTS LIST



PARTS LIST							
NO.	DESCRIPTION	SPECIFICATION	QTY	NO.	DESCRIPTION	SPECIFICATION	QTY
1	Retainer Ring	R42	1	25	Engine Bush	DIADO(JAPAN)DD2225	1
2	Shaft Seal	TCV 224211	1	25-1	Engine Bush	DIADO(JAPAN)DD2225	1
3	Pump Body		1	26	Port Plate		1
4	Piston		1	27	Rotorshaft	Keyed Shaft	1
5	Piston		1	27-1	Port Plate	Splined Shaft	1
6	O-Ring	1A-P5	1	28	Vanes		13
7	O-Ring	1A-P12	1	29	Cam Ring		1
8	Thrust Screw		1	30	Thrust Plate		1
9	Socket Set Screw	M12×P1.75×25L	1	31	O-Ring	AS568-030	1
10	Hexagon Nut	M12×P1.75	1	32	Endless Back-up Ring		1
11	Slide Screw		1	33	O-Ring	AS568-035	1
12	O-Ring	1A-P14	1	34	Endless Back-up Ring		1
13	Hexagon Nut	M16×P1.0	1	35	O-Ring	1A-S85	1
14	Cap		1	36	Cover		1
15	Piston		1	37	Skt, HD, cap Scr.	M10×P1.5×25L	4
16	Spring		1	38	Name Plate		1
17	Spring Retainer		1	39	Fixing Screw		3
18	O-Ring	1A-P22A	1	40	Woodruff Key	NO.608	1
19	Cover		1	40-1	Hexagon Nut	M10 X P1.5	1
20	Skt, HD, Cap Scr.	M6×P1.0×20L	4	40-2	Coupling		
21	Socket Set Screw	M10×P1.5×35L	1	40-3	Retainer Ring	R24	4
22	Hexagon Nut	M10×P1.5	1	41	Spring Washer	M10	4
23	Spring Pin	ø4×10	1	42	Skt, HD, cap Scr.	M10×P1.5×30L	4
23-1	Spring Pin	ø4×10	2				
24	Spring Pin	ø4×10	2	※ 40-1~42 are Accessories.			