

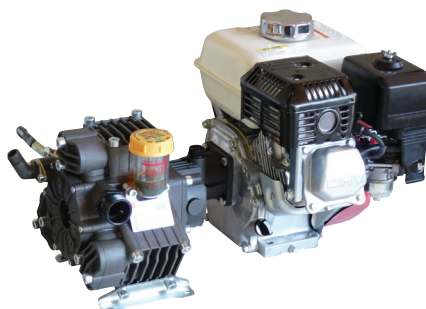
Bertolini Pumps PA530

Specification Sheet



APL0540S

PA530 Pump with 1 3/8" Spline



APL0540KGH

PA530 Pump with GX200 Honda Motor

3 Piston Semi-Hydraulic Diaphragm Pumps

MAX FLOW	54 l/m	14.3 USGPM
MAX PRESSURE	40 bar	580 PSI

Specifications				
	R.P.M	R.P.M	650	650
Power	RW	HP	4.2	5.7
Weight	Kg	Lbs	14	31
Suction Lift - MAX	mt	ft	1.5	4.9
Ø Intake	mm	in	32	1 1/4"
Ø High Pressure	mm	in	G. 1/2	G. 1/2
MAX Temperature	°C	°F	40	104
Oil Type	SAE	W	SAE 30	30W
Oil Capacity	Lt	U.S.G	0.5	0.13

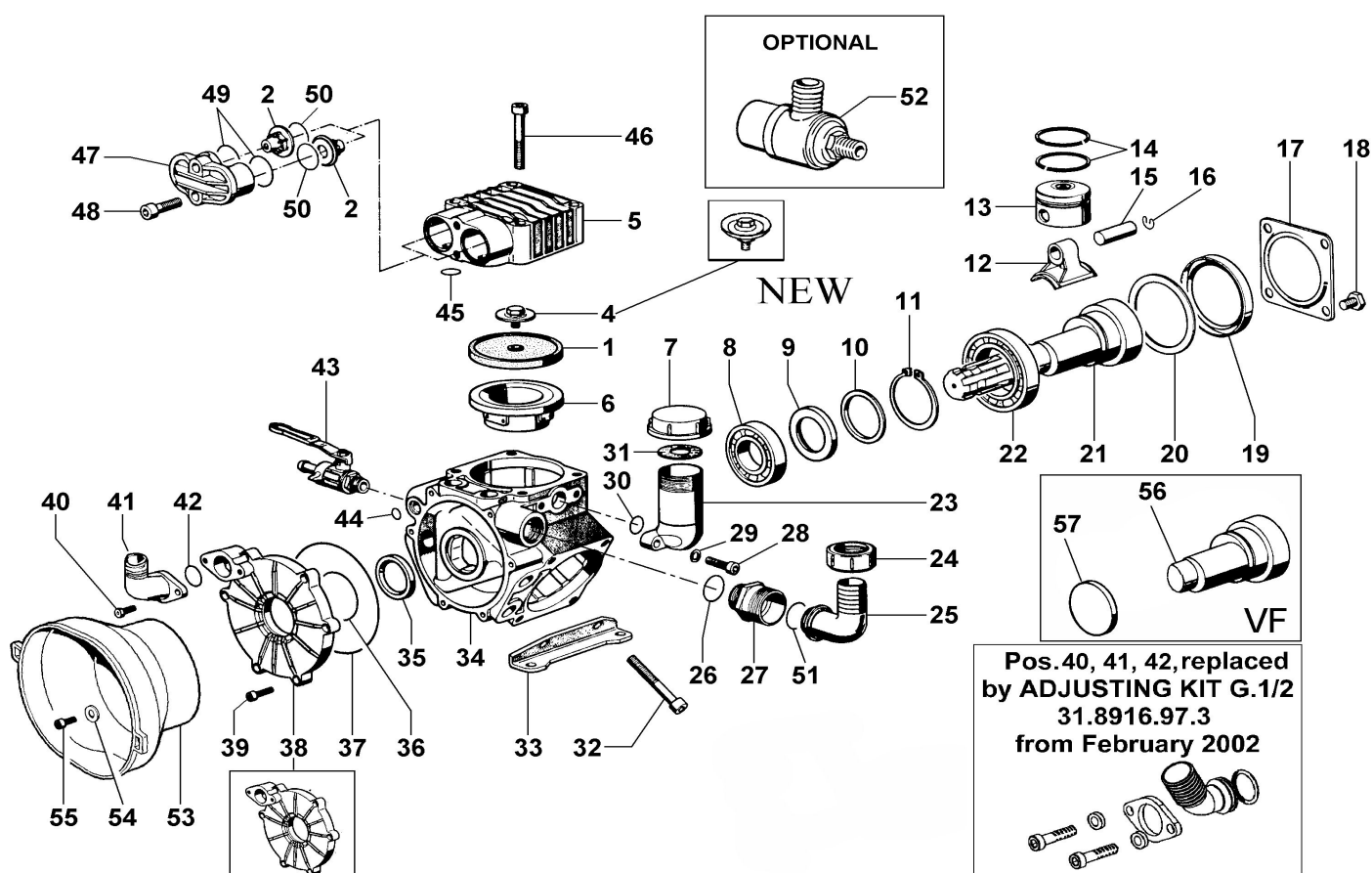
Flow Chart									
R.P.M		400		450		500		550	
BAR	P.S.I.	l/min	RW	l/min	RW	l/min	RW	l/min	RW
2	29	39.2	0.12	44.2	0.13	49	0.15	54	0.16
20	290	38	1.5	42.8	1.7	47.5	1.9	52	2.1
30	435	37.6	2.3	42.3	2.6	47	2.8	51.5	3.2
40	580	37.2	3	41.8	3.4	46.5	3.8	51	4.2

Features

- Triple Diaphragm pumps engineered for smoother and quieter operation
- Stainless steel check valves, all other wet end components anodized for durability
- PTO and engine drive models
- Also available as a pump and gearbox configuration only – Part number APL0540KG

Bertolini Pumps PA530

Specification Sheet



Bertolini Pumps PA530

Specification Sheet



POS.	CODICE PART NO. REF.	DENOMINAZIONE - DESCRIPTION - DESCRIPTION	Q.TY	POS.	CODICE PART NO. REF.	DENOMINAZIONE - DESCRIPTION - DESCRIPTION	Q.TY
1	23.0011.31.2	PISTON DIAPHRAGM	3	31	82.4120.00.2	GASKET DIA.45x19x1,5	1
1	23.0011.33.2	VITON PISTON DIAPHRAGM	3	32	86.3562.00.2	SCREW M10X70 UNI 5931	4
1	23.0011.00.2	HPS PISTON DIAPHRAGM	3	33	23.0018.61.2	MOUNTING BRACKETS	2
1	23.0011.36.2	DESMOPAN PISTON DIAPHRAGM	3	34	23.0001.09.2	CRANKCASE	1
2	23.9805.97.3	VALVE ASSY	6	35	80.2134.50.2	OIL SEAL DIA.35x47x7	1
4	23.0043.98.3	KIT DIAPHRAGM WASHER/SCREW AISI 316	3	36	80.3209.80.2	O-RING 2,62x50,47	1
4	23.0015.51.3	VITE MEMBRANA fino al 12/98	3	36	80.3209.85.2	O-RING 2,62x50,47 (KIT VITON)	1
4	23.0009.32.2	PIATTELLO fino al 12/98	3	37	80.3210.68.2	O-RING 2,62x120,32	1
5	23.0002.09.2	HEAD	3	37	80.3210.69.2	O-RING 2,62x120,32 (KIT VITON)	1
6	23.0020.01.2	PISTON SLEEVE D.55	3	38	23.0046.09.2	CRANKCASE COVER	1
7	85.2750.00.2	OIL FILLER CAP	1	38	23.0006.09.2	CRANKCASE COVER till the 6/99	1
8	81.2846.00.2	BEARING DIA.35x72x17	1	39	86.2216.00.2	SCREW M6x25 UNI5931	6
9	23.0019.76.2	RING	1	40	86.2168.00.2	SCREW M6x22 UNI5931	2
10	26.0047.76.2	RING	1	41	31.1003.09.2	90° ELBOW G. 1/2 FITTING	1
11	80.1377.00.2	RING DIA.55 "VF"- "VC"- "VM"	1	41	31.1444.09.2	90° ELBOW 1/2"NPT FITTING (OPTIONAL)	1
12	23.0005.09.2	LIGHT ALLOY CONROD	3	41	31.8916.97.3	ADJUSTING KIT G. 1/2	1
12	23.0045.11.2	BRONZE CONROD	3	41	31.8918.97.3	ADJUSTING KIT ½ NPT (OPT)	1
13	23.0007.09.2	PISTON D.55	3	42	80.3218.00.2	O-RING 3,0x22	1
14	81.8504.50.2	PISTON RING	6	43	84.5544.10.2	LEFT TAP G.3/8-G. 1/2	1
15	85.2006.70.2	PISTON PIN DIA.15	3	44	80.3176.00.2	O-RING 2,62x11,91	1
16	80.0021.00.2	RING DIA.15	6	44	80.3176.50.2	O-RING 2,62x11,91 (KIT VITON)	1
17	17.0013.61.2	COVER	1	45	80.3189.00.2	O-RING 2,62x18,72	6
18	86.3185.00.2	SCREW M10x16 UNI5739	4	45	80.3189.50.2	O-RING 2,62x18,72 (KIT VITON)	6
19	80.2264.10.2	OIL SEAL DIA.68x90x10 "VF"- "VC"- "VM"	1	46	86.3560.00.2	SCREW M10X65 UNI 5931	8
19	80.2156.00.2	COVER "VS"	1	47	23.0003.09.2	VALVE COVER	3
20	17.0024.76.2	SPACER	1	48	86.3300.00.2	SCREW M10x30 UNI5931	6
21	23.0023.26.2	CRANKSHAFT"VC"(SEE OVERALL DIMENSIONS)	1	49	80.3219.20.2	O-RING 3,0x35	6
21	23.0024.26.2	CRANKSHAFT "VM" (1"3/8 M-F)	1	49	80.3219.50.2	O-RING 3,0x35 (KIT VITON)	6
21	23.0036.26.2	CRANKSHAFT "VS" (1"3/8 M)	1	50	80.3207.00.2	O-RING 2,62x29,82	6
22	81.2972.00.2	BEARING DIA.55x90x18	1	50	80.3207.50.2	O-RING 2,62x29,82 (KIT VITON)	6
23	23.0008.32.2	OIL FILLER	1	51	80.3219.00.2	O-RING 3,0x25	1
24	82.0067.50.2	WING NUT G.1"1/4	1	52	24.3040.97.3	SAFETY VALVE 40bar (OPTIONAL)	1
25	84.0560.00.2	90° ELBOW CONNECTOR DIA.30-1,18"	1	53	31.1467.32.2	SAFETY CONE (OPTIONAL)	1
25	84.0565.00.2	90° ELBOW CONNECTOR DIA.32-1,25" (OPT.)	1	54	84.3618.00.2	WASHER DIA.6,4x18x1,5 (OPTIONAL)	3
26	80.3207.00.2	O-RING 2,62x29,82	1	55	86.2086.00.2	SCREW M6x14 UNI5931 (OPTIONAL)	3
27	83.5089.00.2	NIPPLES G.1"-G.1"1/4	1	56	23.0028.26.2	CRANKSHAFT"VF"(SEE OVERALL DIMENSIONS)	1
28	86.2730.00.2	SCREW M8x30 UNI5931	2	57	80.2099.50.2	COVER "VF"	1
29	84.3685.00.2	WASHER DIA.8,4x15x1,5	2				
30	80.3180.00.2	O-RING 2,62x15,08	1				