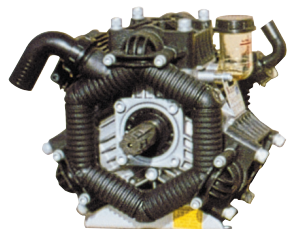


Bertolini Pumps POLY 2136

Specification Sheet



APL1260S

Poly 2136 Pump with 1 3/8" Spline

Poly Pumps – 3 Piston Semi-Hydraulic Diaphragm Pumps

MAX FLOW	126 l/m	33.3 USGPM
MAX PRESSURE	15 bar	218 PSI

Specifications				
	R.P.M	R.P.M	550	550
Power	KW	HP	3.5	4.7
Weight	Kg	Lbs	19	41.8
Suction Lift - MAX	mt	ft	1.5	4.9
Ø Intake	mm	in	40	1 1/2 "
Ø High Pressure	mm	in	25	1"
MAX Temperature	°C	°F	40	104
Oil Type	SAE	W	SAE 30	30W
Oil Capacity	Lt	U.S.G	1	0.26

Flow Chart									
R.P.M		400		450		500		550	
BAR	P.S.I.	l/min	KW	l/min	KW	l/min	KW	l/min	KW
2	29	92	0.4	103	0.4	115	0.4	126	0.5
5	72.5	91	0.9	102	1.0	114	1.1	125	1.2
10	145	90	1.8	101	2.0	113	2.2	124	2.4
15	218	89	2.6	100	2.9	111	3.3	122	3.6

Features

- Polypropylene head to withstand the most aggressive chemical products including acids and liquid fertilisers
- Special Dacromet® treatment on the bolts and mounting rails: chemical resistance, rust proof and no maintenance
- Diaphragm washer and bolt made of 316 stainless steel, abrasion and corrosion proof
- 2 piston rings for each piston. Exclusive design which increases diaphragm efficiency
- 316 stainless steel check valves + polypropylene manifold
- Wet end all polypropylene with 316 stainless steel valves

Bertolini Pumps POLY 2136

Specification Sheet

POLY 2116 - 2136 VS (1"3/8 M)									
VERSIONI									
VA (D.1" M)		VD (1"3/8 M-M)		VDA (1"3/8 - D.1" M-M)		VC (1"3/8 - D.1" M-F)			
POS.	CODICE PART NO. REF.	DENOMINAZIONE - DESCRIPTION - DESCRIPTION	Q.TY		POS.	CODICE PART NO. REF.	DENOMINAZIONE - DESCRIPTION - DESCRIPTION	Q.TY	
1	62.0040.00.2	DESMOFAN PISTON DIAPHRAGM	3		40	86.2950.00.2	SCREW M8x5 UN5031	12	
1	62.0040.31.2	BUNA-N PISTON DIAPHRAGM (OPTIONAL)	3		41	62.0002.32.2	MANIFOLD PIPE (OUTLET)	2	
1	62.0040.33.2	VITON PISTON DIAPHRAGM (OPT.)	3		42	62.0007.32.2	ELBOW MANIFOLD	3	
1	62.0040.36.2	HPS PISTON DIAPHRAGM (OPT.)	3		43	62.0070.00.2	WING NUT G.1"1/2	1	
2	26.9009.97.3	S.S. VALVE ASSY	6		44	84.0591.00.2	90° ELBOW CONNECTOR DIA.40-1.5"	1	
3	53.0007.32.2	HOUSING	1		44	84.0571.00.2	90° ELBOW CONNECTOR DIA.38-1.40" (OPT.)	1	
4	80.2143.10.2	OIL SEAL DIA.35x52x7	1		45	80.3219.10.2	O-RING 3,0x30	1	
5	80.3310.00.2	O-RING 4.0x82	1		46	62.0031.32.2	MANIFOLD PIPE G.3/8	1	
6	61.2846.00.2	BEARING DIA.35x72x17	1		47	85.2576.00.2	CAP G.3/8	1	
7	62.0010.26.2	CRANKSHAFT 1"3/8 "VS"	1		48	80.3219.10.2	O-RING 3,0x30	1	
8	86.3187.50.2	SCREW M10x18 UN5031	4		48	80.3219.15.2	O-RING 3,0x30 (KIT VITON)	1	
8	86.3264.00.2	SCREW M10x25 UN5031	4		49	83.5069.00.2	NIPPLES G.1"-G.1"1/4	1	
9	17.0016.61.2	FLANGE	1		50	80.3219.00.2	O-RING 3,0x25	1	
10	62.0029.09.2	SPACER CRANKSHAFT "VD"	1		51	84.0542.40.2	90° ELBOW CONNECTOR DIA.25-1"	1	
11	56.0047.76.2	CONNECTING ROD RING	2		51	84.1806.40.2	STRAIGHT CONNECTOR DIA.25-1" (OPT.)	1	
12	62.0008.11.2	CONROD	3		52	62.0067.50.2	WING NUT G.1"1/4	1	
13	26.0027.09.2	SHAFT SPACER	1		53	80.3206.00.2	O-RING 2,5x26,25	1	
14	61.2837.00.2	BEARING DIA.35x52x14	1		53	80.3206.50.2	O-RING 2,5x26,25 (KIT VITON)	1	
15	62.0027.26.2	CRANKSHAFT "VDA"	1		54	85.2720.00.2	CAP G.1"	1	
16	80.2143.10.2	OIL SEAL DIA.35x52x7	1		55	80.3219.10.2	O-RING 3,0x30	1	
17	86.3884.50.2	SCREW M12x20 UN5031	1		56	80.3219.15.2	O-RING 3,0x30 (KIT VITON)	1	
18	82.4079.00.2	GASKET DIA.13,2x17x1 COPPER	1		56	27.0025.32.2	DAMPER BODY	1	
19	62.0001.09.2	CRANKCASE "VS"	1		57	81.4574.50.2	NUT M5 UN5608	4	
19	62.0030.09.2	CRANKCASE "VD"-VDA"-VC"	1		58	23.0041.31.2	BALLASTER DIAPHRAGM	1	
20	80.0021.00.2	RING DIA.15	6		58	23.0041.36.2	HPS BALLASTER DIAPHRAGM	1	
21	85.2006.70.2	PISTON PIN DIA.15	3		58	23.0041.33.2	VITON BALLASTER DIAPHRAGM	1	
22	62.0018.09.2	PISTON DIA.76 (POLY 2136)	3		59	11.0004.09.2	BALLASTER COVER	1	
22	62.0013.09.2	PISTON DIA.72 (POLY 2116)	3		60	86.2752.10.2	SCREW M8x35 UN5031	4	
23	80.6475.00.2	TAB 6,35x5,35x08	1		61	86.1806.50.2	AIR VALVE	1	
24	61.8540.00.2	PISTON RING DIA.76 (POLY 2136)	3		62	80.3213.00.2	O-RING 3,0x5	1	
24	61.8530.00.2	PISTON RING DIA.72 (POLY 2116)	3		63	63.0006.61.2	MOUNTING RAIL	1	
25	62.0019.01.2	PISTON SLEEVE (POLY 2136)	3		64	86.3255.00.2	SCREW M10x25 UN5739	3	
26	62.0005.01.2	PISTON SLEEVE DIA.72 (POLY 2116)	3		65	62.0024.26.2	CRANKSHAFT "VD"	1	
26	62.0025.32.2	HEAD	3		66	80.3206.00.2	O-RING 2,5x26,25	6	
29	84.3844.50.2	WASHER DIA.12,2x21x2,5	12		66	80.3206.50.2	O-RING 2,5x26,25 (KIT VITON)	6	
30	86.4068.00.2	SCREW M12x75 UN5031	12		67	80.3217.00.2	O-RING 3,0x19	3	
31	80.3314.00.2	O-RING 4.5x40	6		67	80.3217.50.2	O-RING 3,0x19 (KIT VITON)	3	
31	80.3314.50.2	O-RING 4.5x40 (KIT VITON)	6		68	24.3016.97.3	SAFETY VALVE 15bar (OPTIONAL)	1	
32	80.3180.00.2	O-RING 2,5x25,08	1		69	31.1468.32.2	PLAIN SAFETY CONE (OPTIONAL)	1	
33	23.0009.32.2	OIL FILLER	1		69	31.1462.32.2	PLAIN SAFETY CONE (OPTIONAL)	1	
34	84.3685.50.2	WASHER DIA.8,2x15x1,5	14		70	62.9811.97.3	KIT SCREWDRSK INOX (POLY 2136)	3	
35	86.2730.50.2	SCREW M8x30 UN5031	2		70	62.9818.97.3	KIT SCREWDRSK INOX (POLY 2116)	3	
36	85.2750.00.2	OIL FILLER CAP	1		71	62.0107.07.2	BALL BEARING HOLDER (VC)	1	
37	82.4120.00.2	GASKET DIA.48x19x1,5	1		72	80.2191.10.2	OIL SEAL DIA.48x52x7 (VC)	1	
38	62.0004.32.2	MANIFOLD PIPE G.1"1/2	1		73	81.2933.00.2	BALL BEARING 6009 (VC)	1	
39	62.0003.32.2	MANIFOLD PIPE	2		74	62.0106.36.2	CRANKSHAFT "VC"	1	
					75	62.0022.26.2	CRANKSHAFT "VA"	1	

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pumps