



- Always wear suitable protective equipment when working with chemicals
- Always turn release air supply before working on the PowerDos15



Type Code	PD15v42	Fluid Outlet	8/6mm Push-on
Weight	1.4 kg	Liquids	Liquids must be compatible with ALL pump materials.
Operating Temp.	2-30°C	Liquid Pressure	10-15 bar
Air Pressure	6-8 bar	Suction Height	Max. 4 meter
Air Quality	Filtered and lubricated compressed air as well as non-lubricated air	Suction tube length	Max. 15 meter
Connections		Spray tube length	Max. 6 meter
Air	8/6mm Push-in	Liquid Cylinder vol.	15 ml
Fluid Inlet	6/4mm Push-on		



Maintenance

- Inspect the pump weekly and check for leaks.
- Inspect nozzle spray pattern weekly.
- Replace Muffler with regulator #31 yearly.
- If you need to disassemble the pump, make sure to do it in a clean environment.
- For information regarding critical dimensions and tightening torque, see page 2.
- Never let the pump run or stand dry, if you run out of chemical, fill the container with water.

#	Part nr.	Part description	Material	Qty.
1	XH0320050IS	Pneumatic Cylinder Double-acting Ø32 Stroke 50mm		1
2	PD-1040b040	PD Cylinder Adapter	PVC	1
3	PD15-1040b010	PD15 Cylinder Ø20/40 - 1/8" - 1/4" - PVC	PVC	1
4	PD-1019b050	PD Piston Ø20 - M10 x 1,25 - PVC	PVC	1
5	PD15BU-V42	PD15 v5 buffer, Ø:30mm L:91mm - PVC	PVC	1
6	AC35-120814	Hex Nipple push-on male 12/8 x 1/4" BSPT · POM	POM	1
7	A35-1	Hex Nipple push-on 6/4 x 1/8" BSPT · PP		1
8	CV2000806-FFKM	PD15 spray check valve, G1/4"-8/6 mm		1
9	CV1030b001	Check valve body G1/4" - PVC	PVC	1
10	CV0410b002	Check valve stem - AISI316	AISI316	1
11	CV1416b003	Check valve stem guide - PEEK	PEEK	1
12	CV1130b005	Check valve cap push-on 6/4 mm - POM	POM	1
13	CV1130b004	Check valve cap push-on 8/6 mm - POM	POM	1
14	CV-S040	Check valve spring 0,4	AISI304	1
15	CV-S055	Check valve spring 0,55	AISI304	1
16	CV0400604-FFKM	PD15 suction check valve, G1/4"-6/4 mm		1
17	PD15-64104PELD	6/4mm PELD tube w. relief spring	PELD	1
18	OR3001400-FFKM	O-ring ID:14 x 3 - FFKM	FFKM	1
19	OR3001400-FKM	O-ring ID:14 x 3 - FKM	FKM	1
20	OR1501400-FKM	O-ring ID:14 x 1,5 - FKM	FKM	1
21	OR1500900-FKM	O-ring ID:9 x 1,5 - FKM	FKM	1
22	ORAR00009-FFKM	O-ring ID:5,28 x 1,78 - FFKM	FFKM	1
23	931-2-6X100	Hexagon cap screw M6 x 100 mm - AISI 304 - 2 pcs.		2
24	931-2-6X120	Hexagon cap screw M6 x 120 mm - AISI 304 - 4 pcs.		4
25	PD15v42PE	PowerDos15 v42 FFKM pump element		1
26	01VS050002	Solenoid pilot valve 5/2 monostable spring return, 5x1/8"		1
27	SOL01024C1000	Aignep solenoid coil 24Vdc 3W		1
28	462N3N1006PC4H	Cable connector DIN B 24Vdc		1
29	EC84C-0618	Elbow 90° push-in/nipple swivel, 6 x 1/8" - PBT/BR		1
30	EC84C-0818	Elbow 90° push-in/nipple swivel, 8 x 1/8" - PBT/BR		1
31	711000002	Muffler with regulator 1/8", pre-adjusted - PE		1
32	EC20-1	Silencer, 1/8" - BSPT - PA		1
33	KQ5100-12-ST	KQ5100 Sensor PVC tube 12/8-223 mm		1
34	A36-2	Hex Nipple push-on female 6/4 x 1/4" BSPT · PP		1
35	KQ5100-12-STC	KQ5100 Sensor PVC tube 12/8-223mm with connectors		1
36	9300-2-6x20/25	M6 x 20 mm high nut with socket screws - 4 pcs.		4

