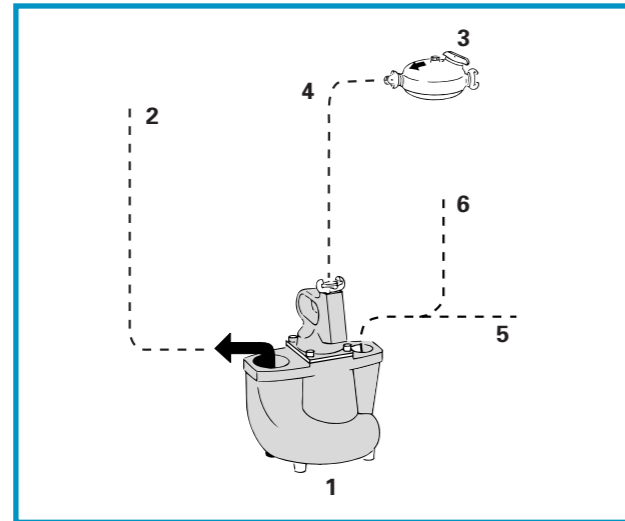


Equipment DIP 25, DIP 35, DIP 65

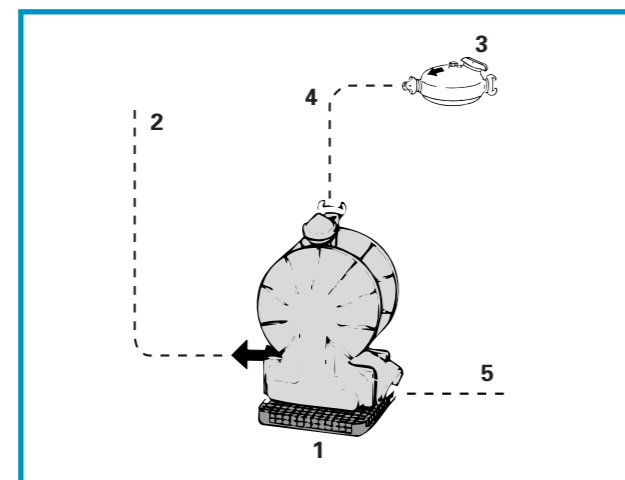
Pos	Description	Included in kit, qty.	Ordering No.
		25 35 65	
	DIP 25 kit		8492 0103 53
	DIP 35 kit		8492 0103 61
	DIP 65 kit		8492 0106 27
1	Pump	1 1 1	
2	Outlet hose 76 mm x 25 m (3 in x 82 ft) incl. fittings	1	3330 0034 91
2	Outlet hose 63 mm x 32 m (2 1/2 in x 105 ft) incl. fittings	1 2	4950 0191 90
2	Reinforced outlet hose 63 mm x 25 m (2 1/2 in x 82 ft) incl. fittings + Coupling for connecting hose to pump		4950 0196 90 3330 0040 00
3	Lubricator CLG 30 for synthetic oil (Air-oil) or mineral oil	1 1 1	8202 5102 39
4	Connection parts for lubricator CLG 30. Valve, air hose 20 mm x 3 m (3/4 in x 10 ft) incl. fittings		9030 0500 90
5	Non-return valve with pipe. Thread G 1 1/2A	1 1 1	3330 0032 91
6	Silencer for dry air, incl. connection parts		3330 0033 91
6	Silencer for damp air, incl. connection parts		3330 0072 91
	Spare parts kit for DIP (see Spare Parts List 9853 5330 90)		3330 0068 90

Equipment DOP 15

Pos	Description	Included in kit, qty	Ordering No
	DOP 15N kit		8492 0101 55
1	Pump	1	
2	Outlet hose 63 mm x 32 m (2 1/2 in x 105 ft) incl. fittings.	1	4950 0191 90
2	Reinforced outlet hose 63 mm x 25 m (2 1/2 in x 82 ft) incl. fittings		4950 0196 90
3	Lubricator CLG 30 for synthetic oil (Air-oil) or mineral oil.	1	8202 5102 39
4	Connection parts for lubricator CLG 30. Valve, air hose 20 mm x 3 m (3/4 in x 10 ft) incl. fittings		9030 0500 90
5	Reinforced spiral suction hose 63 mm x 5 m (2 1/2 in x 16 ft) incl. fittings and strainer		3330 0069 90
	Spare parts kit for DOP 15N (see Spare Parts List 9853 5492 90)		3330 0071 91
	Spare parts kit for DOP 15F (see Spare Parts List 9853 5492 90)		3330 0071 92



The pumps can also be delivered as complete pump systems. In addition, there are a number of optional equipments. The illustration shows a DOP 15N kit plus connection parts for the lubricator.



Atlas Copco: Quality and experience

Atlas Copco is a leading manufacturer of high quality machinery for construction and demolition applications. Our products are sold and serviced throughout the world by our own dedicated sales companies, in more than 60 countries, and a wide, international network of experienced local distributors.

Our products range from concrete crushers and pulverizers to breakers, pick and chipping hammers, rock drills and a variety of versatile accessories.

Our business objective is simple – to enhance our customers' productivity and profitability by designing and manufacturing machinery affording high performance, mechanical reliability and minimal maintenance requirements.

We are committed to supplying equipment that is characterised by low noise and vibration levels, minimal environmental impact, and maximum operator comfort and safety.

Pumps

Air-powered pumps for safe handling



Atlas Copco

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Atlas Copco

Air-powered pumps – for safe handling of liquids under difficult condition

Both clean and polluted liquids

Pumps used for both clean and polluted liquids in the construction, mining and process industries have to satisfy stringent demands for quality and reliable operation. They must be able to withstand difficult conditions with regard to both the surroundings and the media being conveyed, with a minimum of maintenance.

Atlas Copco's air-powered pumps meet the strictest requirements. They are available in two basic designs, DIP centrifugal pumps and DOP diaphragm pumps. Both types share a number of advantages.



• Robust

Air-powered operation ensures superior resistance to dirt, damp and impurities. DOP pumps are not affected by sand or gravel in the pump liquid, thus minimizing the risk of stoppage and the need for maintenance.

• Cannot be damaged by overloading

An air-powered pump never runs the risk of damage from overloading.

• Suitable in all kinds of environments

These pumps contain no electrical components which can cause sparks, and do not leak oil or need any inflammable fuel.

• Efficient

Air-powered operation gives very high capacity in relation to weight, which makes the pumps easy to transport and use in confined spaces. They also improve overall economy by better utilizing the compressor capacity that is most often readily available.

• Simple design

Atlas Copco's air-powered pumps are of very simple design, which means simple handling, reliable operation and low maintenance requirements.

Technical data

Type	Max. head		Max. flow		Max. air requirement		Weight		Dimensions				Connection thread ¹⁾			Ordering No.	
	m	ft	l/s	l/s	cfm	kg	ib	mm	in	mm	in	mm	in	mm	in		Fluid outlet
DIP 25	25	82	28	70	148	23	51	435	17	235	9 1/4	288	11 1/4	G 2 1/2	G 3/4	G 1 1/2	8492 0103 20 ²⁾
DIP 35	35	115	22	70	148	23	51	435	17	235	9 1/4	288	11 1/4	G 2 1/2	G 3/4	G 1 1/2	8492 0103 38 ³⁾
DIP 65	59	194	11	70	148	23	51	435	17	235	9 1/4	288	11 1/4	G 2 1/2	G 3/4	G 1 1/2	8492 0106 19 ⁴⁾
DOP 15N	59	194	7	34	72	31	68	585	23	390	15 1/4	330	13	G 2 1/2	G 3/4	–	8492 0101 48 ⁵⁾
DOP 15F	59	194	7	34	72	31	68	585	23	390	15 1/4	330	13	G 2 1/2	G 3/4	–	8492 0101 63

Data at 6 bar (87 psi). ¹⁾ According to ISO 228/1.

Remark Ordering number when fitted with US universal clawcouplings: ²⁾ 8492 0103 21, ³⁾ 8492 0103 39, ⁴⁾ 8492 0106 20, ⁵⁾ 8492 0101 49.

DIP centrifugal pumps

DIP centrifugal pumps are specially designed for low-viscosity liquids such as water, cooling fluids, solvents, light oil or petrol. A specially designed rotating mechanical seal prevents leakage.

- Submersible with a non-return valve (optional) mounted, or alternatively a hose connected so that the air outlet is above the surface.
- Compact design and a high-output air motor give the DIP pumps very high capacity in relation to petrol and electric motors of the same weight.
- Impeller of stainless steel protects against corrosion.
- A silencer designed for dry or damp air keeps the noise level low (optional).
- Flexible – three pumps in one. A simple change of impeller and intake ring makes it possible to adjust to the desired capacity and head.

DIP centrifugal pumps are available in three different versions:

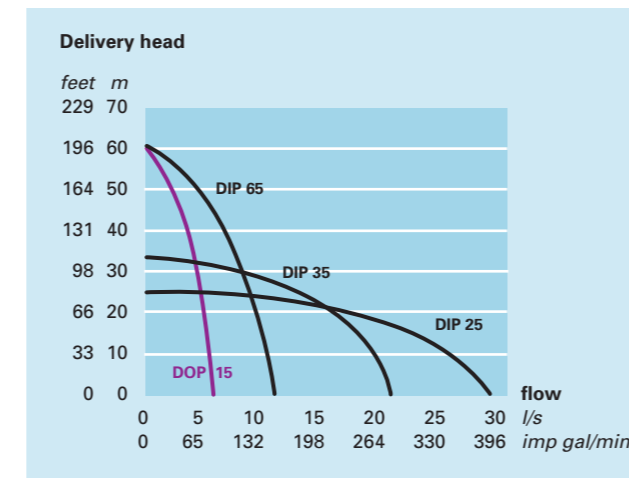
DIP 25 – has the highest flow.

DIP 35 – has a lower flow but a higher head.

DIP 65 – has the highest head.



Capacity diagram for DIP and DOP pumps at 6 bar (87 psi)



DOP diaphragm pumps

DOP diaphragm pumps are designed for the most polluted and viscous media, as well as highly abrasive and inflammable fluids.

- Submersible.
- Easy to start despite sedimentation.
- Self-priming which means that unnecessary handling is avoided.
- Can handle large solid particles up to 30 mm in diameter.
- Can be connected in series to increase the head.
- Pump housing made from aluminium alloy results in low weight.
- Easy to service – the valves are accessible for servicing without dismantling the chambers.

DOP diaphragm pumps are available in two different versions:

DOP 15N – an all-round pump for construction, mining and industrial applications. The diaphragm and valve flaps are made of nitrile rubber.

DOP 15F – specially designed for the process industry, with fluorine (viton) rubber diaphragm and valve flaps.

