

Filter Cartridges

Filter cartridges are available for various applications and various gases. The tables below give an overview of the filter cartridges available.



Order number new (order number old)	Diameter Ø [mm]	Length [mm]	Compressor/ Filter housing	Capacity [m ³] at	
				20°C*	35°C*
Breathing air in accordance with EN 12021					
000644	45	200	LW 100 E/E1	108	32
001375 (LW160/190154)	48	165	LW 160 E/E1, 170 E	180	54
001374 (LW225/245154)	48	210	LW 200 E, 225 E	200	60
000002 (4508005)	62	355	LW 210 E/ES, LW 230 E/ES, LW 260 E/ES, LW 280 E/ES, LW 300 E, LW 450 E, 1.7 liter housing	900	270
000003 (8022)	62	575	LW 300 ES, LW 450 ES, LW 570 E/ES, LW 720 E, 2.3 litre housing	1200	360
Breathing air in accordance with EN 12021 and additional CO/CO₂ filtration					
002309	45	200	LW 100 B	86	26
001463 (LW160/190154K)	48	165	LW 170 D, LW 190 B	150	45
001464 (LW225/154K)	48	210	LW 245 B	166	50
001459 (4508005K)	62	355	LW 300 B, LW 450 D	750	225
001461 (4508022K)	62	575	LW 570 D	1000	300

* Temperature of the filter housing

Filter Cartridges

Order number new (order number old)	Diameter Ø [mm]	Length [mm]	Compressor/ Filter housing	Capacity
Oil/odour removal < 0,1 mg/m³ (nitrogen / helium /mixmaster applications)				
002310	45	200	LW 100 EN	Capacity depends on the inlet quality of the gas and the operating conditions, refer to instruction manual
001466 (4508005B)	62	355	LW 300 EN, LW 450 EN, 1.7 litre housing	
001467 (3790)	62	575	LW 450 ESN, LW 570 EN/ ESN, 2.3 litre housing	
001469	90	500	Mixmaster	
Air/inertgas drying only < 15 mg/m³				
002311	45	200	LW 100	
001464 (4508005A)	62	355	1.7 litre housing	
001462 (8022A)	62	575	2.3 litre housing	
CNG Filter (drying and oil removal)				
002476	45	200	LW 100 EG	
001468 (8070)	62	575	2.3 litre housing	

Oil and Inlet Filters

Oil

We have gone to great lengths testing various oil compositions for our compressors. The low carbon build up and the excellent lubrication properties were paramount in the development of our compressor oil.



Oil Type	Order number new (old)	Quantity
Full synthetic for HP breathing air compressors	000001 (4509001)	1 litre
Mineral motor oil for combustion engines	000004 (4509003)	500 ml
Compressor oil for CNG compressors and boosters	002348	20 litre









Inlet filters

Various inlet filters are available for the different sizes of compressors, the inlet filter cartridge is a low cost component that plays a significant role in protecting the compressors, a clean cartridge also ensures the efficient operation of the compressor.



Inlet Filter Order number new (old)	Compressor
001708	LW 100
000119 (LW160/190/123)	LW 160/170/190/200/225/245
000170 (4507017)	LW 210/230/260/280/300/450/570/720
002662 (1820)	LW 1300




Filling Valves

	Order number	P max Application	Mount	Repair kit/ special tools/silencer
	Cross design filling valve without pressure gauge			
	Yoke: 002022 DIN 200: 002023 DIN 300: 002024	350 bar Filling valve with separate vent screw	Filling valve without pressure gauge for mounting on a filling hose via a 1/4" female connection (supplied as standard with connection M16 x 1,5 mm 10 L). Available with various filling connections (see page 55).	Repair kit: 002294
	Cross design filling valve with pressure gauge			
	Yoke: 002291 DIN 200: 002292 DIN 300: 002293	350 bar Filling valve with separate vent screw	Filling valve with 0-400 bar pressure gauge for mounting on a filling hose via a 1/4" female connection (supplied as standard with connection M16 x 1,5mm 10L). Available with various filling connections (see page 55)	Repair kit: 002294
	Hand wheel valve without venting			
	001477	350 bar. Standard 2/1 way valve, G1/4" inlet and outlet for opening closing lines such as storage cylinders	Panel mounting with Ø 33 mm hole (mounting nut included)	Lower seat: 000571 Upper valve stem and bearing: 000573
	Hand wheel valve self venting			
	001476	350 bar Standard 2/1 way valve, G1/4" inlet and outlet self venting on the outlet line for filling panels	Panel mounting with Ø 33 mm hole (mounting nut included)	Lower seat: 000572 Upper valve stem and bearing: 000574 Silencer kit: 002896
	Lever filling valve, self venting			
	Black gaiter: 002449 Red gaiter: 002450	350 bar Standard 2/1 way valve, G1/4" inlet and M16 x 1.5 mm outlet self venting on the outlet line for filling panels	Panel mounting inside a 90° profile secured by 4 screws, vents inside the panel	Repair kit small: 002451 Repair kit large: 002452 Tool kit: 002453 Silencer: 000580
	Lever filling valve, self venting (old version)			
	Black gaiter: 001382 Red gaiter: 001383	350 bar Standard 2/1 way valve, G1/4" inlet and outlet self venting on the outlet line for filling panels	Panel mounting inside a 90° profile secured by 4 screws, vents inside the panel. (limited availability)	Repair kit: 000576 Special tool: 000575 Silencer: 000580
	Lever filling valve, self venting			
	Black gaiter: 000707 Red gaiter: 000708	350 bar. Standard 2/1 way valve, G1/4" inlet and M16 x 1,5mm male outlet, self venting on the outlet line for filling panels with hoses	Panel mounting with Ø 23 mm hole (mounting nut included) silencer integrated in the vent	Repair kit: 000576 Special tool: 000575
	Lever filling valve, self venting			
	001827	350 bar Standard 2/1 way valve, G1/4" inlet and M16 x 1.5 mm outlet self venting on the outlet line for filling	Vertical panel mounting with U Clamp	U Clamp: 001826 Repair kit small: 001834 Repair kit large: 001836

Safety Valves

Safety valves



Safety valves are available for various pressures, either securing the final pressure on HP compressors and installations or preventing damage to inter stage or low/medium pressure components.

	Pressure setting	Mount	certification
	100 - 350 bar	Special mount	TÜV / CE
	100 - 350 bar	G3/8"	Non type tested
	8 - 110 bar	G3/8"	CE/non type tested

Pressure Switches

Pressure switches and sensors

A wide range of analogue pressure switches and electronic pressure sensors is available suitable for pressures between 0 and 600 bar.

	Pressure setting available	Mount	Operation
	0 - 10 bar 0 - 350 bar 0 - 600 bar	G1/4" female	Switch opens at set pressure, resets after hysteresis
	0 - 1.6 bar 0 - 4 bar 0 - 100 bar 0 - 600 bar	G1/4" male	Electronic sensor 14-30V DC input, 0-10 V DC output