

Lubrication

PNEUMATIC PUMPS AND WASTE OIL DRAINS

EFFICIENCY AT MAINTENANCE



GREASE PUMPS

- ▶ PREVOST grease pumps are used to distribute grease at high pressure.
- ▶ They feature a compression ratio of 58 to 1 (i.e. 58 times higher than the compressed air inlet pressure).
- ▶ A screen filter at the end of the suction rod protects the pump body.

OIL PUMPS


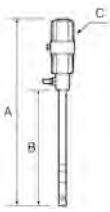

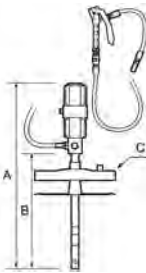

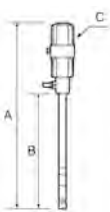

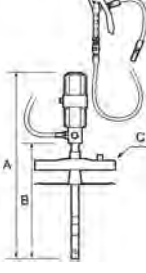
- ▶ PREVOST oil pumps are used to distribute low viscosity fluids, such as engine oil or diesel fuel, at medium pressure.
- ▶ They feature a compression ratio of 4 to 1 (i.e. four times higher than the compressed air inlet pressure).
- ▶ All pneumatic pumps are double-acting, simple, compact and sturdy.
- ▶ All components are specially treated and assembled with precision.

WASTE OIL DRAINS

- ▶ Waste oil recovery units are used to drain engine or gearbox oil, by gravity or suction, on all types of vehicle.
- ▶ Mobile suction units avoid monopolising vehicle lifts. Recovery units optimise vehicle flow and space management in workshops.
- ▶ Suction-type oil recovery units with measuring bowl have sufficient capacity to drain several engines in succession. A three-way valve system enables 5 to 10 drain operations to be performed with a single depressurisation. This innovation enables the units to operate as follows:
 - create a vacuum in the tank and bowl
 - isolate the vacuum in the bowl to suck in the used oil
 - drain the used oil from the bowl into the tank
 - create a new vacuum in the bowl, using the vacuum in the tank, to allow subsequent suction operations.


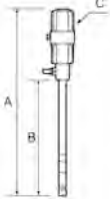

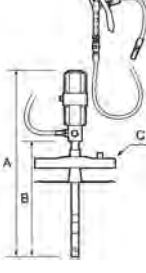



PNEUMATIC GREASE PUMPS


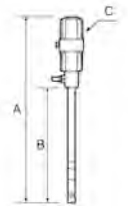

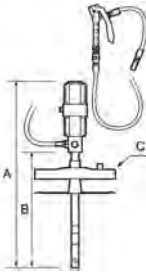

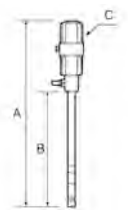

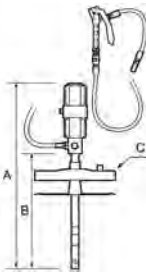
Pressure ratio 58:1	Flow rate Grease - 900 gr/min	Pressure input : 4 to 8 bar	Outlet grease : G 1/4 male			Ergonomic	Safety Safe installation	Max.pressure 470 bar	Inlet Air : G 1/4 female	Consumption Air 130-160 l/min
		A B C			DESCRIPTION	REFERENCE				
Pump for 12/20 kg drum										
		680	410	80	Tube length 410 mm	EPG PR20				
Complete portable kit for 12/20 kg grease drums										
		680	410	280	Complete kit Including : - pump for 12/20 kg drum - tube length : 410 mm - cover + sealing diaphragm - distribution gun - 4 m rubber hose - carrying handle	EPG KR20				
					Complete portable kit for 12/20 kg grease drums with FRL	EPG KRF20				
					Complete portable kit for 12/20 kg grease drums with FRL and transport cart	EPG KRFC20				
Pump for 20/30 kg drum										
		740	470	80	Tube length 470 mm	EPG PR30				
Complete portable kit for 20/30 kg grease drums										
		740	470	320	Complete kit Including : - pump for 20/30 kg drum - tube length : 470 mm - cover + sealing diaphragm - distribution gun - 6 m rubber hose	EPG KR30				
					Complete portable kit for 20/30 kg grease drums with FRL	EPG KRF30				
					Complete kit for 20/30 kg grease drums with FRL and transport cart	EPG KRFC30				

PNEUMATIC GREASE PUMPS


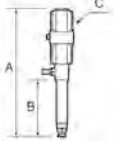

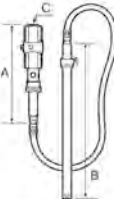

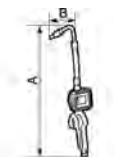

Pressure ratio 58:1	Flow rate Grease - 900 gr/min	Pressure input : 4 to 8 bar	Outlet grease : G 1/4 male	Ergonomic	Safety Safe installation	Max.pressure 470 bar	Inlet Air : G 1/4 female	Consumption Air 130-160 l/min
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		A	B	C	DESCRIPTION	REFERENCE
Pump for 50/60 kg drum						
		1000	730	80	Tube length 730 mm	EPG PR60
Complete portable kit for 50/60 kg grease drums						
		1000	730	340 - 380	Complete kit Including : - pump for 50/60 kg drum - tube length : 730 mm - cover + sealing diaphragm - distribution gun - 6 m rubber hose	EPG KR60
					Complete portable kit for 50/60 kg grease drums with FRL	EPG KRF60
					Complete kit for 50/60 kg grease drums with FRL and transport cart	EPG KRFC60
Options						
					Metal cover diam.280 mm	EPG CV20
					Metal cover diam. 320 mm	EPG CV30
					Metal cover diam. 385 mm	EPG CV60
					Metal cover Ø 380 to 410 mm	EPG CV65
					3 - Sealing diaphragm diam.270 mm	EPG MB20
					Sealing diaphragm diam.310 mm	EPG MB30
					Sealing diaphragm for drum Ø 280 to 300 mm	EPG MB31
					Sealing diaphragm Ø 300 to 330 mm	EPG MB34
					Sealing diaphragm diam. 370 mm	EPG MB60
					Sealing diaphragm Ø 380 to 410 mm	EPG MB65
					Rubber hose 4 m	EPG TC414
					Rubber hose 6 m	EPG TC614
					Rubber hose for connecting pump to reel - G 1/4 G - 2 m	EPG TC214
					Sealing coupling	EPG RT14
					Universal joint sealing coupling	EPG SW14
					Carrying handle	EPG PG
					30 mm bolt to hold pump in drum	EPG VS30
			Distribution gun	EPG PT400		
			Grease gun with 15 cm rigid hose	EPG PT150R		
			Transport cart for 12/20 kg drums	EPG CA20		
			Transport cart for 20/60 kg	EPG CA60		

PNEUMATIC OIL PUMPS

Pressure ratio 4:1	Flow rate Oil: 20 l/min	Pressure Input: 6 to 8 bar	Outlet Oil : G 1/2 male	Ergonomic time saving	Safety installation	Max.pressure 470 bar	Inlet inlet: G 1/4 female	Consumption air 200-250 l/min
			A	B	C	DESCRIPTION		REFERENCE
Pump for 50/60 litre oil drums								
		1000	730	80	Tube length 730 mm		EPH PR60	
Complete kit for 50/60 litre oil drums								
		1000	730		Complete kit. Including : - pump for 50/60 litre drum - tube length : 730 mm - oil distribution gun - rubber hose 5 m pressure: 100 bar		EPH KR60	
					Complete kit for 50/60 liter oil drums with FRL		EPH KRF60	
					Complete kit for 50/60 litre oil drums with FRL and transport cart		EPH KRFC60	
Pump for 180/220 litre oil drums								
		1210	940	80	Tube length 940 mm		EPH PR220	
Complete kit for 180/220 litre oil drums								
		1210	940	80	Complete kit. Including : - pump for 180/220 litre drum - tube length : 940 mm - oil distribution gun - rubber hose 5 m pressure: 100 bar		EPH KR220	
					Complete kit for 180/220 liter oil drums with FRL		EPH KRF220	
					Complete kit for 180/220 litre oil drums with FRL and transport cart		EPH KRFC220	

PNEUMATIC OIL PUMPS

Pressure ratio 4:1	Flow rate Oil: 20 l/min	Pressure Input: 6 to 8 bar	Outlet Oil : G 1/2 male	Ergonomic time saving	Safety installation	Max.pressure 470 bar	Inlet inlet: G 1/4 female	Consumption air 200-250 l/min
			A	B	C	DESCRIPTION		REFERENCE
Oil pump for 180/220 litre oil drums								
		445	175	80	Oil pump			EPH MR220
Complete wall-mounted kit for 180/220 litre oil drums								
		445	940	80	Complete kit. Including : - wall-mounted pump - tube length 940 mm - wall mounting bracket with G 2 nut - 2 m rubber hose G 1			EPH MRK220
					Complete kit. Including: Complete wall-mounted kit for 180/220 litre oil drums with filter-regulator, lubricator TB SM1			EPH MRKF220
Metering oil distribution gun								
					Flow rate: 1 to 30 l/min Accuracy: +/- 0,5 % Pressure drop: 0,7 bar Max. pressure: 70 bar			EPH VOL12
					Measures the volume of the fluid delivered Reading of the volume on CD screen Inlet: G 1/2 female			
Accessories for pump								
					5 m rubber hose, pressure 100 bar			EPH TC512
					G 1 hose, length 2 m			EPH TC201
					2m rubber hose, pressure 100 bar, for pump eel connection			EPH TC212
					940 mm tube with scew			EPH TB940
					Oil drip tray with hook for gun			EPH EGR10
					Wall mouting bracket with 2" nut			EPH SP
					Oil distribution gun			EPH PT12
					Transport cart for 180/220 litre drums			EPH CA220
				Transport cart for 20/60 litre drums			EPH CA60	

OIL CHANGE UNITS

Efficient Long life		Construction treated steel and epoxy paint			Ergonomic rational use of space		Safety to use	
		A	B	C	DESCRIPTION	REFERENCE		
90 litres gravity type unit, economy version								
		1800	560	550	<ul style="list-style-type: none"> - Tank capacity 90 litres - Filter integrated in tray - Tray: 12 litres, diam.360 mm, adjustable height, 360° swivel - Tank level indicator - Inflation valve rated at 0.5 bar, with pressure gauge - Evacuation valve for used oil. - 2 meter used oil evacuation hose - Fixed front wheels, steerable rear wheels for better handling 			
							Oil recovery unit - 90 liters	ERH G90
Suction-type oil unit with measuring bowl								
		1230	500	490	<ul style="list-style-type: none"> - Tank capacity 65 litres - Measuring bowl capacity 8 litres - Set of 5 intake nozzles, diameter 5 mm to 10 mm x 800 mm - Drain adaptors for direct fitting in gauge well - 2 meters suction hose for engine/unit connection - Tank level indicator - Inflation valve rated at 0.5 bar, with pressure gauge - Vacuum venturi system with pressure gauge - 2 meters used oil evacuation hose - Evacuation valve for used oil - Fixed front wheels, steerable rear wheels for better handling - Filter integrated in tray - Tray: 12 litres, diam.360 mm, adjustable height, 360° swivel 			
							Oil recovery unit - 65 liters	ERH AB65
65 litres suction and gravity unit with drain bowl								
		1550	500	490	<ul style="list-style-type: none"> - Tank capacity 65 litres - Measuring bowl capacity 8 litres - Set of 5 intake nozzles, diameter 5 mm to 10 mm x 800 mm - Drain adaptors for direct fitting in gauge well - 2 meters suction hose for engine/unit connection - Tank level indicator - Inflation valve rated at 0.5 bar, with pressure gauge - Vacuum venturi system with pressure gauge - 2 meters used oil evacuation hose - Evacuation valve for used oil - Fixed front wheels, steerable rear wheels for better handling - Filter integrated in tray - Tray: 12 litres, diam.360 mm, adjustable height, 360° swivel 			
							Oil recovery unit - 65 liters	ERH ABG65