

KP 1020s



Drum pump for high viscosity materials in 20L barrels

Extruder pumps available	ø35, ø40mm	Dimensions	
Material quantity	dependent on product up to 700 gr./min.	Length	660mm
		Width	610mm
Material pressure	up to 250bar	Height	1'450mm
		Weight	approx.140kg
Motor power	1,5 - 2,2 - 3kW		
Motor speed	20 - 300 min.		
Power requirement	400/230V50Hz 16A	Barrel diameter	280mm
Air pressure	6bar	Barrel height	430mm

Seal & Coating AG



Front panel with

- Main switch
- Potentiometer for speed regulation
- Air pressure push button to blow up the follower plate from the empty barrel.
- Pneumatic lever switch for up / down movement of the follower plate



Electric box with frequency inverter



⇐ End limit switch for the barrel empty control.

The barrel empty signals stop the pump after completing the running application.

Motor flange with pump and solenoid bypass valve. When the material outlet valve close, the material flow goes back through the bypass valve in the barrel.



Start up of the drum pump



Put the lever of the pneumatic hand valve in the upper position and elevate the follower plate in the upper end position.

Open the ventilation plug.



Cut a round hole in the plastic also the material has a free flow to the pump inlet.



⇐ Align the barrel under the follower plate.
Put the lever of the pneumatic hand valve in the lower position and insert the follower plate in the barrel. When the materials flow out of the ventilation plug, you close the plug with the ventilation tube. The barrel is ventilated and the pump ready to start the work.