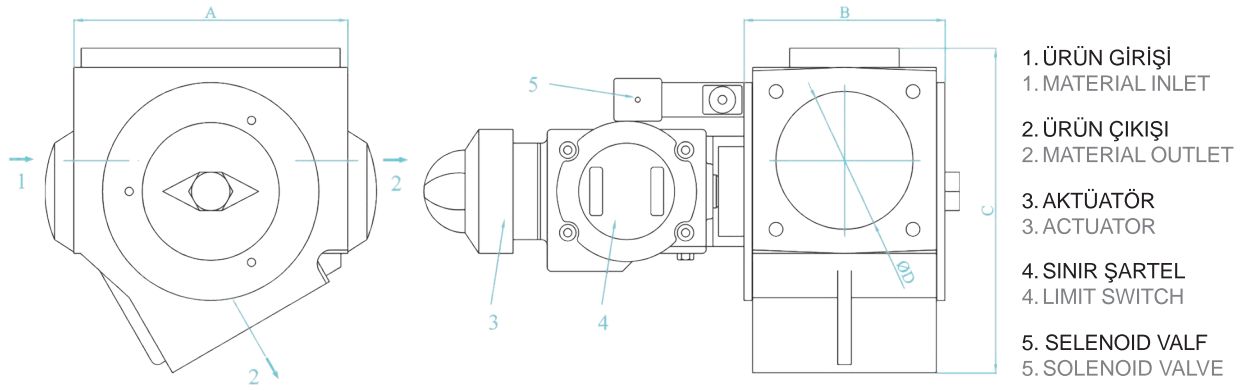


YÖN KLAPESİ
**ROTARY DIVERTER
VALVE**





MODEL TYPE	Ölçüler / Dimensions (mm)				Aktüatör Actuator	Valf Solenoid Valve	Sınır Şalter Limit Switch
	A	B	C	Ø D			
GD-PKL-65	160	113	170	65	T-RPA DA/SR 60	T-NM32WAS 1/4 - 5/2	T-LSG - 2M
GD-PKL-100	200	147	235	100	T-RPA DA/SR 80	T-NM32WAS 1/4 - 5/2	T-LSG - 2M
GD-PKL-120	230	168	285	120	T-RPA DA/SR 100	T-NM32WAS 1/4 - 5/2	T-LSG - 2M
GD-PKL-160	320	227	385	160	T-RPA DA/SR 120	T-NM32WAS 1/4 - 5/2	T-LSG - 2M

ROTARY DIVERTER VALVE

APPLICATIONS:

The rotary diverter valve is used for directing the products to the pneumatic conveying lines.

- For pressure conveyors up to +1.5 bar and suction conveyors up to -0.5 bar.
- For conveying pipes with inside diameters of 65,100,120 and 160 mm.

Plug seal: entirely metallic towards the conveying line that is shut off; mechanical teflon towards the outside.

The seal towards the outside remains active even when the plug switches over.

Actuator housing: cast aluminum

Actuation: An electro-pneumatically operated, maintenance – free, double-action pneumatic cylinder actuates the plug via a toothed rack and a gearwheel

Solenoid valve: 5/2 way pulse valve

Limit switch: Inductive proximity switches. With hand guard.

WORKING PRINCIPLE

With its rotating axis – perpendicular to the conveying pipes – the valve closes one pipe connection. When the valve rotates by 120, this connecting line is opened and the other is closed. The switching overlap is negative. The two limit switches serve for interrupting the switching pulse to the selonoid valve, and they recognize the operating position or the end position of the valve as well as the selected conveying path.

OPTIONS

- 30 adapter with flat seal for diverting by 90 instead of 60.
- Weld-on pipe sections with outside dimensions other than the standard ones to weld onto conveying pipes.