

# Laun

MASCHINEN- UND APPARATEBAU GMBH

WALDSTRASSE 71  
D-65451 KELSTERBACH  
GERMANY  
TELEFON: +49-6107-98669-0  
TELEFAX: +49-6107-98669-20  
INTERNET: [www.laun-online.com](http://www.laun-online.com)  
EMAIL: [Laun-Kelsterbach@t-online.de](mailto:Laun-Kelsterbach@t-online.de)

## Rotary Valves Typ B



These compact locks are robust welded constructions with **continuously variable inlet and outlet dimensions** - from 150 x 150 mm to 400 x 800 mm - and **discharge rates of 1,7 to over 200 m<sup>3</sup>/h (at 100 % fill)**. They are ideal for discharging large quantities of bulk materials from silos, bunkers and other equipment.

By selecting the right **material** for housing, star and shaft, and correctly dimensioning the **cooling/ heating** and/or **wear shield** or lining, difficult products with **temperatures up to 1000 ° C** can be handled.

Optional with mechanical vane sweeping system, explosion shock resistant, fire safe and pressure tight.

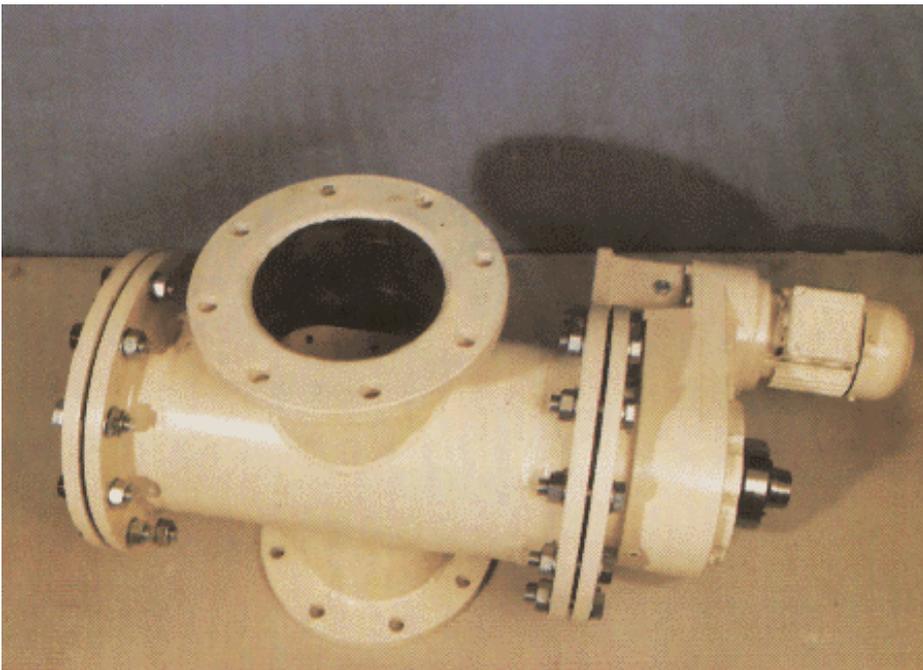
<b>Materials for</b>	housing star shaft	unalloyed and dilute alloyed steels, stainless steels, heat-resistant steels and Ni-based-alloys
<b>Bearing:</b>		<b>maintenance-free</b> (sintered) bronze sliding bearings
<b>Sealing:</b>		<b>gastight</b> by thermoelastic high-performance seals or ceramic axial face seals (with/without sealing medium)
<b>Drive:</b>		by geared motor with chain drive; speed controlled by frequency converter if required, <b>speed monitoring</b> possible
<b>Overload protection:</b>		by <b>friction clutch</b> (standard) or customized
<b>Cooling/heating:</b>		optional for housing, star and/or shaft.
<b>Wear protection/flow assistance:</b>		by <b>surface coating, lining</b> , metallic and/or ceramic <b>inserts</b>

# Laun

MASCHINEN- UND APPARATEBAU GMBH

WALDSTRASSE 71  
D-65451 KELSTERBACH  
GERMANY  
TELEFON: +49-6107-98669-0  
TELEFAX: +49-6107-98669-20  
INTERNET: [www.laun-online.com](http://www.laun-online.com)  
EMAIL: [Laun-Kelsterbach@t-online.de](mailto:Laun-Kelsterbach@t-online.de)

## Rotary Valves Typ R



These tubular locks are welded constructions with **inlet and outlet dimensions** from DN 100 up to DN 400 and **throughput rates of 0,4 to over 80 m<sup>3</sup>/h** (at 100 % fill). They are designed for discharging and metering of bulk materials within pressure pipeworks up to 25 bar.

By selecting the right **material** for housing, star and shaft, and correctly dimensioning the **cooling/ heating** and/or **wear shield** or lining, difficult products with **temperatures up to 350 ° C** can be handled.

Optional explosion shock resistant, fire safe and pressure tight.

<b>Materials for</b>	housing star shaft	unalloyed and dilute alloyed steels, stainless steels, and Ni-based-alloys
<b>Bearing:</b>		<b>Maintenance-free</b> (sintered) bronze sliding bearings
<b>Sealing:</b>		<b>gastight</b> by thermoelastic high-performance seals (with/without sealing medium)
<b>Drive:</b>		by geared Motor directly flanged with shrink disc connection; speed controlled by frequency converter if required, <b>speed monitoring</b> possible
<b>Overload protection:</b>		by <b>shrink disc</b> (standard) or customized
<b>Cooling/heating:</b>		optional for housing, star and/or shaft.
<b>Wear protection/flow assistance:</b>		by <b>surface coating, lining</b> , metallic and/or ceramic <b>inserts</b>