



## The New Generation of Butterfly Valves and Actuators

**BELIMO®**

# Innovative – User Friendly – Reliable.



**BACnet communication protocol** provides superior application data access and allows an easy commissioning, parameterising and maintenance



## **Near Field Communication (NFC)**

allows a fast commissioning, parameterising and maintenance – even when the actuator is not supplied with voltage



## **IP66/67 degree of protection**

allows outdoor usage and protects the actuator against UV radiation, rain, snow, dirt, dust and humidity



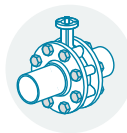
## **Intelligent self-adjusting end stops**

ensure an easy installation, less commissioning effort and an intelligent adaptation over the entire lifespan of the valve



## **Good visibility: Flexible visual position indicator**

shows the position of the butterfly valve from distance



## **Valve housing:**

Wafer and lug type for flanges according to ISO 7005-1/-2, EN 1092-1/-2, DIN 2641/2642



**Universal power supply** 24-240 V  
requires only one actuator, facilitates  
planning and increases flexibility for all  
applications



**Reduced height and weight** of the PR  
actuator allow for an optimised mechanical  
layout and easy mounting



**80% lower power consumption**  
saves energy and reduces  
transformer and wiring costs



**SuperCap option** ensures  
operating safety during a  
power failure



**Adjustable motor run time** from 30  
to 120 seconds to meet the require-  
ments of your application



**Smart heating:** Prevents condensation in the  
actuator and increases the operating safety and  
the lifespan (patent pending)



**Thermal insulation** avoids conden-  
sation in the actuator



**Patent pending valve design**  
especially designed for HVAC  
applications



**Leakage rate A, tight** up to  
14 bar closing pressure



**Also available as a safer  
SuperCap actuator**



Economical electronic emergency  
control function for a higher operating  
safety in case of a power failure.

- Flexible configurations:  
Open-close, 3-point, Modulating, MP-  
Bus and BACnet MS/TP
- Power-off position (POP):  
0...100% adjustable
- NFC for adjustments and diagnostics

5  
years warranty  
SWISS QUALITY

# Stainless Steel Valves Make Performance Better





Butterfly valve D6..N/W  
with wafer type



Butterfly valve D6..WL with lug  
type and visual position indicator  
ZPR01

**Wafer types:** PN 6, 10, 16 / DN 50 – 300  
**Lug types:** PN 10, 16 / DN 50 – 150  
PN 16 / DN 200 – 300

<b>Flange</b>	DN 50 – 150: Wafer or lug types for flanges according to ISO 7005-2 and EN 1092-2  DN 200 – 300: Wafer or lug types for flanges according to ISO 7005-1/-2, EN 1092-1/-2, DIN 2641/2642
<b>Medium temperature</b>	-20...120°C
<b>Permissible pressure</b>	1600 kPa
<b>p<sub>s</sub></b>	
<b>Leakage rate</b>	A, tight (EN 12266-1)

	IP Protection	Valve size	50	65	80	100	125	150	200	250	300
Suitable Actuators	IP54 	On/off	SR..			GR..	DR..		DR..		
		Modulating	SR..			GR..	DR..		DR..		
		Fail-safe	SRFA..			GRK..	DRK..		DRK..		
	IP67 	On/off	SRP..			GRG..	PR..		PR..		
		Modulating	SRP..			*PR..BAC..			*PR..BAC..		
		Fail-safe	SRFG..			*PRK..			*PRK..		