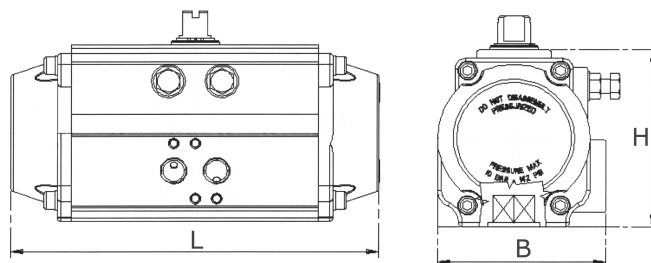
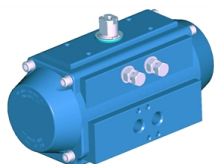


pneumatický pohon

[zkratka označení: PA.*](#)

série RE

> ATEX II 2GD c



technický list výrobku

Ausf	Feder	Modell	O	DW	Nm	L	B	H	Art.-Nr.
DA	-	RE051	AV	FPM/FKM	20,1 bei 6 bar	138	75	69 PALL-RE051-HT	
DA	-	RE051	AV	Silikon	20,1 bei 6 bar	138	75	69 PALL-RE051-LT	
DA	-	RE051	TF	NBR	20,1 bei 6 bar	138	75	69 PALL-RE051-TF	
DA	-	RE051	NN	NBR	20,1 bei 6 bar	138	75	69 PALL-RE051-NN	
DA	-	RE064	AV	FPM/FKM	35,5 bei 6 bar	155	86	85 PALL-RE064-HT	
DA	-	RE064	AV	Silikon	35,5 bei 6 bar	155	86	85 PALL-RE064-LT	
DA	-	RE064	TF	NBR	35,5 bei 6 bar	155	86	85 PALL-RE064-TF	
DA	-	RE064	NN	NBR	35,5 bei 6 bar	155	86	85 PALL-RE064-NN	
DA	-	RE076	AV	FPM/FKM	70,6 bei 6 bar	203	94	102 PALL-RE076-HT	
DA	-	RE076	AV	Silikon	70,6 bei 6 bar	203	94	102 PALL-RE076-LT	
DA	-	RE076	TF	NBR	70,6 bei 6 bar	203	94	102 PALL-RE076-TF	
DA	-	RE076	NN	NBR	70,6 bei 6 bar	203	94	102 PALL-RE076-NN	
DA	-	RE086	AV	FPM/FKM	103,4 bei 6 bar	239	104	112 PALL-RE086-HT	
DA	-	RE086	AV	Silikon	103,4 bei 6 bar	239	104	112 PALL-RE086-LT	
DA	-	RE086	TF	NBR	103,4 bei 6 bar	239	104	112 PALL-RE086-TF	
DA	-	RE086	NN	NBR	103,4 bei 6 bar	239	104	112 PALL-RE086-NN	
DA	-	RE101	AV	FPM/FKM	164,8 bei 6 bar	257	120	127 PALL-RE101-HT	
DA	-	RE101	AV	Silikon	164,8 bei 6 bar	257	120	127 PALL-RE101-LT	
DA	-	RE101	TF	NBR	164,8 bei 6 bar	257	120	127 PALL-RE101-TF	
DA	-	RE101	NN	NBR	164,8 bei 6 bar	257	120	127 PALL-RE101-NN	
DA	-	RE116	AV	FPM/FKM	262,3 bei 6 bar	304	134	145 PALL-RE116-HT	
DA	-	RE116	AV	Silikon	262,3 bei 6 bar	304	134	145 PALL-RE116-LT	
DA	-	RE116	TF	NBR	262,3 bei 6 bar	304	134	145 PALL-RE116-TF	
DA	-	RE116	NN	NBR	262,3 bei 6 bar	304	134	145 PALL-RE116-NN	
DA	-	RE126	AV	FPM/FKM	339,8 bei 6 bar	335	150	157 PALL-RE126-HT	
DA	-	RE126	AV	Silikon	339,8 bei 6 bar	335	150	157 PALL-RE126-LT	
DA	-	RE126	TF	NBR	339,8 bei 6 bar	335	150	157 PALL-RE126-TF	
DA	-	RE126	NN	NBR	339,8 bei 6 bar	335	150	157 PALL-RE126-NN	
DA	-	RE201	AV	FPM/FKM	1292,0 bei 6 bar	527	222	298 PALL-RE201-HT	
DA	-	RE201	AV	Silikon	1292,0 bei 6 bar	527	222	298 PALL-RE201-LT	
DA	-	RE201	TF	NBR	1292,0 bei 6 bar	527	222	298 PALL-RE201-TF	
DA	-	RE201	NN	NBR	1292,0 bei 6 bar	527	222	298 PALL-RE201-NN	
DA	-	RE421	AV	FPM/FKM	689,2 bei 6 bar	424	182	246 PALL-RE161-HT	
DA	-	RE421	AV	Silikon	689,2 bei 6 bar	424	182	246 PALL-RE161-LT	
DA	-	RE421	TF	NBR	689,2 bei 6 bar	424	182	246 PALL-RE161-TF	
DA	-	RE421	NN	NBR	689,2 bei 6 bar	424	182	246 PALL-RE161-NN	

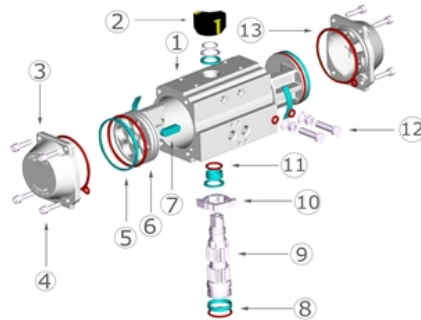
Ausf	Feder	Modell	O	DW	Nm	L	B	H	Art.-Nr.
SR	6/6	RE051	AV	FPM/FKM	8,5 bei 6 bar	138	75	69	PALF-RE051-HT
SR	6/6	RE051	AV	Silikon	8,5 bei 6 bar	138	75	69	PALF-RE051-LT
SR	6/6	RE051	TF	NBR	8,5 bei 6 bar	138	75	69	PALF-RE051-TF
SR	6/6	RE051	NN	NBR	8,5 bei 6 bar	138	75	69	PALF-RE051-NN
SR	6/6	RE064	AV	FPM/FKM	14,1 bei 6 bar	155	86	85	PALF-RE064-HT
SR	6/6	RE064	AV	Silikon	14,1 bei 6 bar	155	86	85	PALF-RE064-LT
SR	6/6	RE064	TF	NBR	14,1 bei 6 bar	155	86	85	PALF-RE064-TF
SR	6/6	RE064	NN	NBR	14,1 bei 6 bar	155	86	85	PALF-RE064-NN
SR	6/6	RE076	AV	FPM/FKM	28,5 bei 6 bar	203	94	102	PALF-RE076-HT
SR	6/6	RE076	AV	Silikon	28,5 bei 6 bar	203	94	102	PALF-RE076-LT
SR	6/6	RE076	TF	NBR	28,5 bei 6 bar	203	94	102	PALF-RE076-TF
SR	6/6	RE076	NN	NBR	28,5 bei 6 bar	203	94	102	PALF-RE076-NN
SR	6/6	RE086	AV	FPM/FKM	35,7 bei 6 bar	239	104	112	PALF-RE086-HT
SR	6/6	RE086	AV	Silikon	35,7 bei 6 bar	239	104	112	PALF-RE086-LT
SR	6/6	RE086	TF	NBR	35,7 bei 6 bar	239	104	112	PALF-RE086-TF
SR	6/6	RE086	NN	NBR	35,7 bei 6 bar	239	104	112	PALF-RE086-NN
SR	6/6	RE101	AV	FPM/FKM	64,6 bei 6 bar	257	120	127	PALF-RE101-HT
SR	6/6	RE101	AV	Silikon	64,6 bei 6 bar	257	120	127	PALF-RE101-LT
SR	6/6	RE101	TF	NBR	64,6 bei 6 bar	257	120	127	PALF-RE101-TF
SR	6/6	RE101	NN	NBR	64,6 bei 6 bar	257	120	127	PALF-RE101-NN
SR	6/6	RE116	AV	FPM/FKM	100,9 bei 6 bar	304	134	145	PALF-RE116-HT
SR	6/6	RE116	AV	Silikon	100,9 bei 6 bar	304	134	145	PALF-RE116-LT
SR	6/6	RE116	TF	NBR	100,9 bei 6 bar	304	134	145	PALF-RE116-TF
SR	6/6	RE116	NN	NBR	100,9 bei 6 bar	304	134	145	PALF-RE116-NN
SR	6/6	RE126	AV	FPM/FKM	129,8 bei 6 bar	355	150	157	PALF-RE126-HT
SR	6/6	RE126	AV	Silikon	129,8 bei 6 bar	355	150	157	PALF-RE126-LT
SR	6/6	RE126	TF	NBR	129,8 bei 6 bar	355	150	157	PALF-RE126-TF
SR	6/6	RE126	NN	NBR	129,8 bei 6 bar	355	150	157	PALF-RE126-NN
SR	6/6	RE161	AV	FPM/FKM	283,8 bei 6 bar	424	182	246	PALF-RE161-HT
SR	6/6	RE161	AV	Silikon	283,8 bei 6 bar	424	182	246	PALF-RE161-LT
SR	6/6	RE161	TF	NBR	283,8 bei 6 bar	424	182	246	PALF-RE161-TF
SR	6/6	RE161	NN	NBR	283,8 bei 6 bar	424	182	246	PALF-RE161-NN
SR	6/6	RE201	AV	FPM/FKM	519,6 bei 6 bar	527	222	298	PALF-RE201-HT
SR	6/6	RE201	AV	Silikon	519,6 bei 6 bar	527	222	298	PALF-RE201-LT
SR	6/6	RE201	TF	NBR	519,6 bei 6 bar	527	222	298	PALF-RE201-TF
SR	6/6	RE201	NN	NBR	519,6 bei 6 bar	527	222	298	PALF-RE201-NN

dostupné jakosti: na poptávku

Armatury > kulové kohouty > s pohonem > pneumatické > pohony > zvláštní verze

Úplný popis:

pneumatický pohon
série RE
> ATEX II 2GD c



Parts list

No.	Description	Properties	Comment
1 a	Body	hard anodized	Short description AV ¹
1 b	Body	nickel-plated	Short description NN ²
1 c	Body	PTFE	Short description TF ³
2 a	Cover	Polyester-coated	Short description AV ¹
2 b	Cover	nickel-plated	Short description NN ²
2 c	Cover	PTFE	Short description TF ³
8	Shaft	Carbon steel	20 μ nickel-plated *
9	Piston	hard anodized	Thickness 20 μ

(¹) AV hard-anodized (50μ - Ra=0.4-0.6)

Anodization (hard-anodized or hard-coated) is understood to be the electrolytic oxidation of materials made of aluminum in order to create a protective layer on the materials made of aluminum.

The layer has a hardness of 400-600 HV (45-65 HRC) and serves as wear and corrosion protection, is thermally and electrically insulating, and has good tribological properties.

(²) NN chemically nickel-plated

Currentless, chemical nickel-plating is a reduction process in which the objects to be nickel-plated are dipped in a special electrolyte. Without applying an electrical voltage, a nickel coating deposits on the surface.

Chemical nickel-plating is characterized by an even layer thickness even on holes, recesses, and inside surfaces.

Chemical nickel coatings are not ferromagnetic. The surface hardness is between 400-480 HV (45-55 HRC).

This type of coating is a nickel-phosphorus alloy for which it is possible to control the layer properties using the phosphorus deposited in the layer. In this case, the alloy has a high phosphorus content (12%).

Nickel is resistant to air, water, diluted acids, and most bases.

Nickel is not resistant to nitric acid, concentrated hydrochloric acid, or ammonia.

(³) TF PTFE-coated

The combination of the described anodization and a PTFE-coating serves as additional protection and unites the advantages of a hard surface with the chemical and physical advantages of PTFE.

Even more improved corrosion protection, thermal stability, as well as chemical resistance characterize this surface. Specially suitable for maritime use or offshore applications.

* Stainless steel shaft optional

A high-alloyed stainless steel shaft is recommended for environment subject to strong chemical influences such as acids and bases, in the pharmaceutical or food industries, as well as in seawater or in high temperature ranges

Various surface finishes

for industrial, chemical, pharmaceuticals, food and offshore applications

Body	Surface	Color / Thickness
AV	hard anodized	grey / 25 µ
NN	nickel-plated	polished Steel / 20 µ
TF	hard anodized + PTFE-coated	blue / 25 µ + 15 µ

Cover	Surface	Color / Thickness
AV	Polyester-coated	grey / 60/80 µ
NN	Nickel-phosphorus plated	polished Steel / 20 µ
TF	hard anodized + PTFE-coated	blue / 25 µ + 15 µ

Low temperature -40°C to +80°C

No.	Description	Material
3	Cover seal	Silicon
4	Piston ring	PA 66
5	Slide spring	PA 66
6	Bottom shaft seal	Silicon
7	Upper shaft seal	Silicon

High temperature -20°C to +150°C

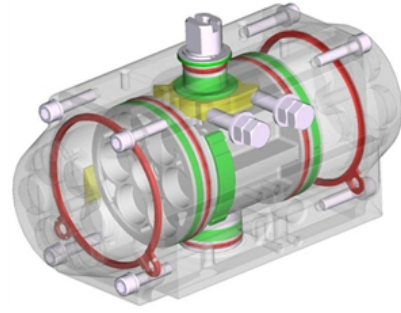
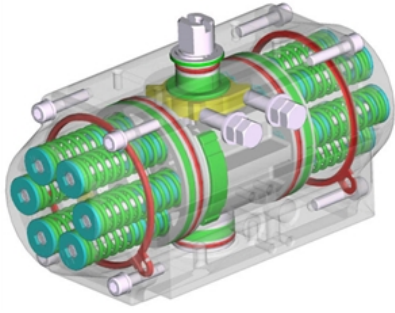
No.	Description	Material
3	Cover seal	FPM/FKM
4	Piston ring	PA 66
5	Slide spring	PA 66
6	Bottom shaft seal	FPM/FKM
7	Upper shaft seal	FPM/FKM

Areas of application

AV (Standard)	NN	TF
- Industrial	- Industrial	- Industrial
- General application	- General application	- General application
	- Diluted acids	- Acids and bases
	- Cleaning agents	- Sea water
	- Bases	- High temperature

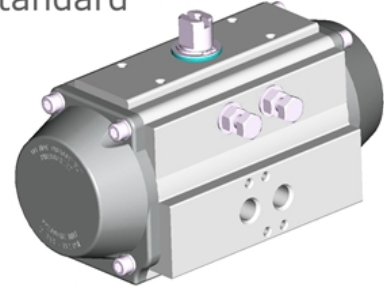
>> further information

You will find all further information in the data sheet of the corresponding actuator.

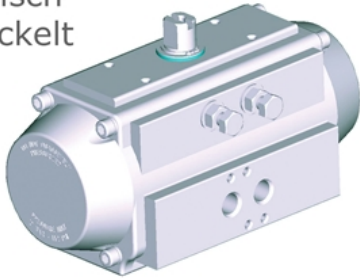


ATEX II 2GD c

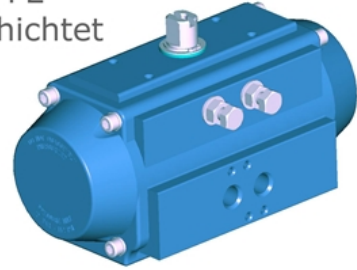
Standard



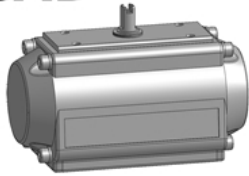
chemisch-
vernickelt



PTFE-
beschichtet



CAD



als 3D-Modell verfügbar