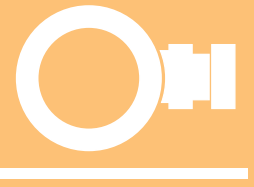


Valve actuator
HyRAV[®]SG

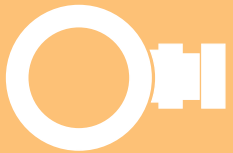


NEW – HyRAV
Second Generation



ECKART[®]
HYDRAULIK · PNEUMATIK

eckart-hydraulics.com



Valve actuator **HyRAV[®]SG**

The compact solution

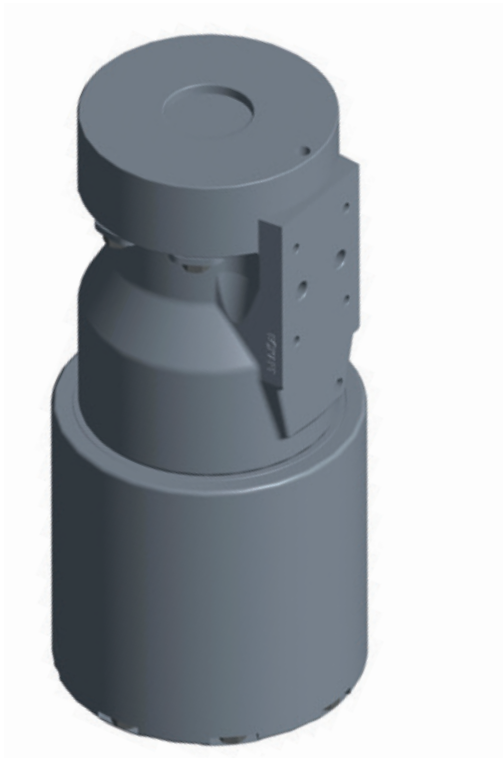
The hydraulic valve actuators HyRAV of Eckart, form a full series of double-acting actuators or spring return actuators according to the principle of helical gears.

The hydraulic valve actuators HyRAV of Eckart, form a full series of double-acting actuators or spring return actuators according to the principle of helical gears. The compact and concentric design of the valve has proven to be excellent in practice and provides the customer with space savings as well as reliability.

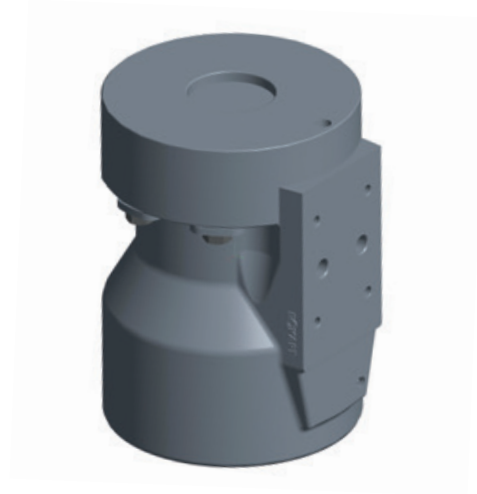
Technical data (standard – others on request)

Valve actuator type	helical gear – double acting or single acting (spring return)
max. allowable operating pressure	210 bar
min. operating pressure required	5 bis 10 bar
Angle of rotation	Quarter turn / 90°
Positioning accuracy	< 0,5° of full scale
Medium	recommended: mineral oil of group HLP/DIN 51524
Ambient temperature	-25° C bis + 70° C
Protection class	IP65
Valve attachment flange	EN ISO 5211
Lifetime	double acting: > 100.000 operations single acting (fail safe): dependent on the desired spring package
Duty rating	S1 – 100%
Operating time range OPEN/CLOSE	0,5 sek. bis 200 sek.
max. time range Fail Safe OPEN/CLOSE	till 0,2 sec. (dependent on the valve actuator size)
Certificates/approvals planning	ATEX, SIL2, further in processing/
Materials	Steel, GGG
Seals	PU / NBR

HyRAV®SG₊ single acting



HyRAV®SG₊ double acting



- Small dimensions, slim and compact style
- By concentric design are no radial forces transmitted to the valve
- Easy installation and adjustment to each valve
- Maintenance free, no lubrication required
- Suitable for on/off, control and failsafe operation
- High repeat accuracy and very simple control of the flow rates
- Robust against extreme environmental conditions

Type overview

HyRAV Type	Valve attachment flange EN ISO 5211		Valve attachment flange EN ISO 5211	Hollow shaft with feather keys	Hollow shaft with square	weight double acting [kg]
	Standard	Torque [Nm] *		[mm]	[mm]	
SG 250	F07	250	F05 - F07 - F10	max. Ø 25 H9	max. ◊ 24 H11	10
SG 500	F10	500	F07 - F10 - F12	max. Ø 35 H9	max. ◊ 30 H11	17
SG 1000	F12	1000	F10 - F12 - F14	max. Ø 42 H9	max. ◊ 36 H11	28
SG 2000	F14	2000	F12 - F14 - F16	max. Ø 56 H9	max. ◊ 50 H11	42

Our drive is your solution – worldwide



The Company

Eckart is an innovative and dynamic mechanical engineering company, providing solutions for limited rotatory movements and combined rotary-linear movements. As one of the leading manufacturers worldwide, Eckart develops, designs and manufactures valve actuators, rotary actuators, rotary-linear combinations, linear cylinders and special equipment. With more than 50 years of experience, the name Eckart stands for innovation, reliability and success. As a family operated company the foundations of our work are a solid commercial activity and partnership cooperation. With competent staff and partners we create customized solutions that help to make business of all sizes and industries to streamline their processes and products and to establish themselves as successful in the market.



Optimum results are not a matter of luck.

We have a clear concept: products giving the highest benefit. Eckart uses the latest technologies and extremely high standard of performance. Our products are known for their precision, high availability, robustness, capacity of resistance to wear, economic efficiency and high flexibility. Due to the modular design we are in the position to solve customer specific technical problems individually and rationally. From product development, manufacturing, to final product testing Eckart has an integrated production and quality system that is optimized continually.



Worldwide.

Eckart maintains close relationships with leading companies around the world. To a specialist in customer-oriented solutions, a company needs strong partners. Our recipe for success is „Eckart competence network“, which means we provide quality alliances, which transfer our product potential optimal to our customer needs. Thus, our customers are always advised by „domestic“ partners, who know the exact requirements of each market.

Product overview



- Rotary actuators
- Valve actuator HyRAV
- Pneumatic actuators
- Linear-rotary actuator and Special

Innovation characterizes us



ENGINEERED & MADE IN GERMANY

ECKART®

HYDRAULIK · PNEUMATIK

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