



AVA. HD Series



• Closing direction: Clockwise as default

• Dry mounting coating:

-Epoxy primer: 40+ micron

-Epoxy top: 40+ micron

-Total film thickness: 80 micron or above

• Submerged mounting coating

-Primer: 1x50 with inorganiz zinc ethyl silicate

-Intermediate: 3x50 with expoxy-polyamide

intermediate-finish

-Top coat: 1x50 with polyurethane

polyester-isocyanate finish

-Total film thickness: 250micron or above

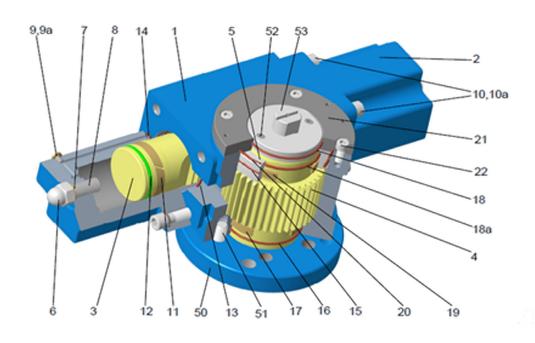
• Male stud coupling: OD8 or OD10

 The AVA HD series actuators are designed for pipe connection to the G1/4 actuator port.
 The control block would be on the actuator according to the applications.



hlights

- Unique and simple design
- Less footprint, less weight and lower maintenance required
- Local position indication avalaible
- Easy mounted to all quarter-turn valves
- Any position mounting from horizon to vertical
- Satisfies all requirements by major class societies
- Suit dry or submerged mounting

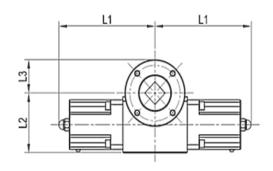


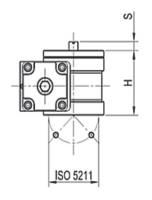
OKT	No	Description	Material	Quantity
	1	Body	Ductile Iron GGG45	1
Т	2	End Cap	Steel C45	2
Т	3	Piston Rack Alloy Steel 41Cr4		1
	4	Pinion	Alloy Steel 41Cr4	1
	5	Pinion Cap	Alloy Steel 41Cr4	1
	6	Adjustment Cap	SUS316	2
K	7	Bleed Nut	POM	2
	8	Adjustment Screw	Steel 12.9	2
Т	9	Bleed Screw	SUS316	2
ΚT	9a	Flat Washer	POM	2
Т	10	Endcap Screw	Steel 12.9	8
Т	10a	Spring Washer	65Mn	8
ΚT	11	Guide Ring	CDSTEX	2
ΚT	12	Piston Seal	Reinforced	2
ΚT	13	O Ring	NBR	2
ΚT	14	O Ring	NBR	2
K	15	O Ring	NBR	1

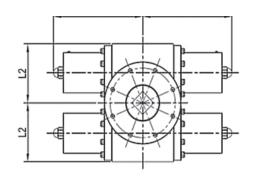
окт	No	Description	Material	Quantity
K	16	O Ring	NBR	1
K	17	Guide Ring	CDSTEX	1
K	18	O Ring	NBR	1
K	18a	O Ring	NBR	1
K	19	Guide Ring	CDSTEX	1
K	20	O Ring	NBR	1
	21	Upper Flange	Steel C45	1
	22	Flange Screw	SUS316	1
0	50	Middle Flange	Steel C45	1
0	51	Middle Flange Screw	Steel 12.9	6
0	52	Indicator Cover Screw	SUS316	4
0	53	Indicator Cover	Steel C45	1

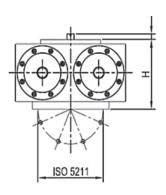
The item is different in different application such as dry or submerged installation.
 K Spare kit parts to be renewed each overhall maintenance

The quantity would be double in AVA.HD160 and HD200 which





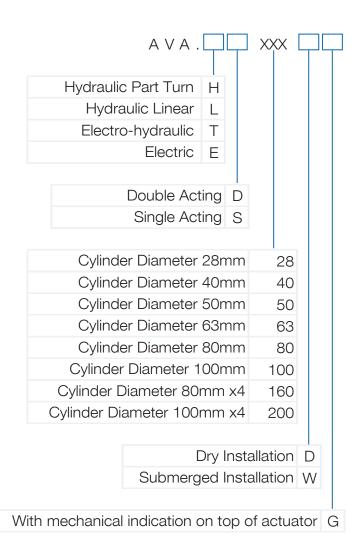




Actuator	Torque ²⁾	Volumn	L1	L2	L3	Н	S	Flange	Weight
Type	[Nm]	[cm ³]	[mm]	[mm]	[mm]	[mm]	[mm]	ISO 5211	[kg]
AVA.HD28	201	29	170	85	45	110	20	F05/F07	10
AVA.HD40	411	59	175	85	45	110	20	F07/F10* ¹⁾	13.5
AVA.HD50	643	93	180	85	45	110	20	F10*/F12*	18
AVA.HD63	1630	245	239	134	75	145	20	F12/F14*	40
AVA.HD80	2740	395	261	134	75	145	20	F14*/F16*	55
AVA.HD100	4717	678	296	160	88	166	20	F16*/F25*	80
AVA.HD160	8780	1262	338	190	/	234	20	F25*/F30*	200
AVA.HD200	13720	1972	348	215	/	254	20	F25*/F30*	280

- 1) Flange with mark* achieved by middle flange (pn 50)
- 2) The torque value on working pressure 11.5Mpa

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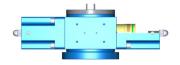














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