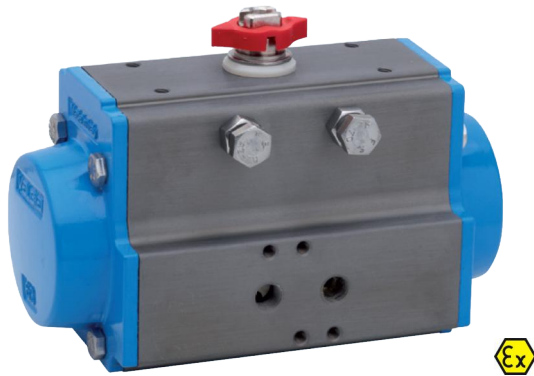


Double acting actuator, 0-90°



DA

Actuator for the automation of ball valves and butterfly valves.

Mounting pattern according to ISO5211.

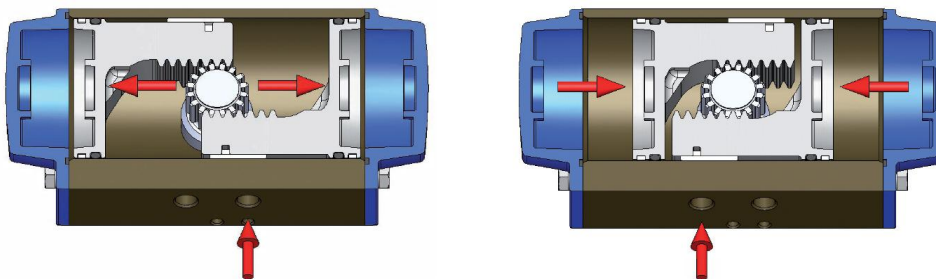
Double acting: Air open the valve. Air close the valve. Solenoid and switchbox connection according to Namur norm.

The actuator is certified SIL3.

Technical Specification

Air supply pressure:	2,5 - 8 bar
Temperature range:	-20...+85°C
Stroke adjustment:	Open and closed position $\pm 5^\circ$
Body:	Extruded aluminium UNI6060. Hard coat anodized.
End caps:	Die cast aluminium. Polyester coated.
Pinion:	Nichel-plated steel.
Pistons:	Die cast aluminium.
Seals:	NBR and POM
ATEX:	II 2 G/D c T6

Operating principle



Torque (Nm)

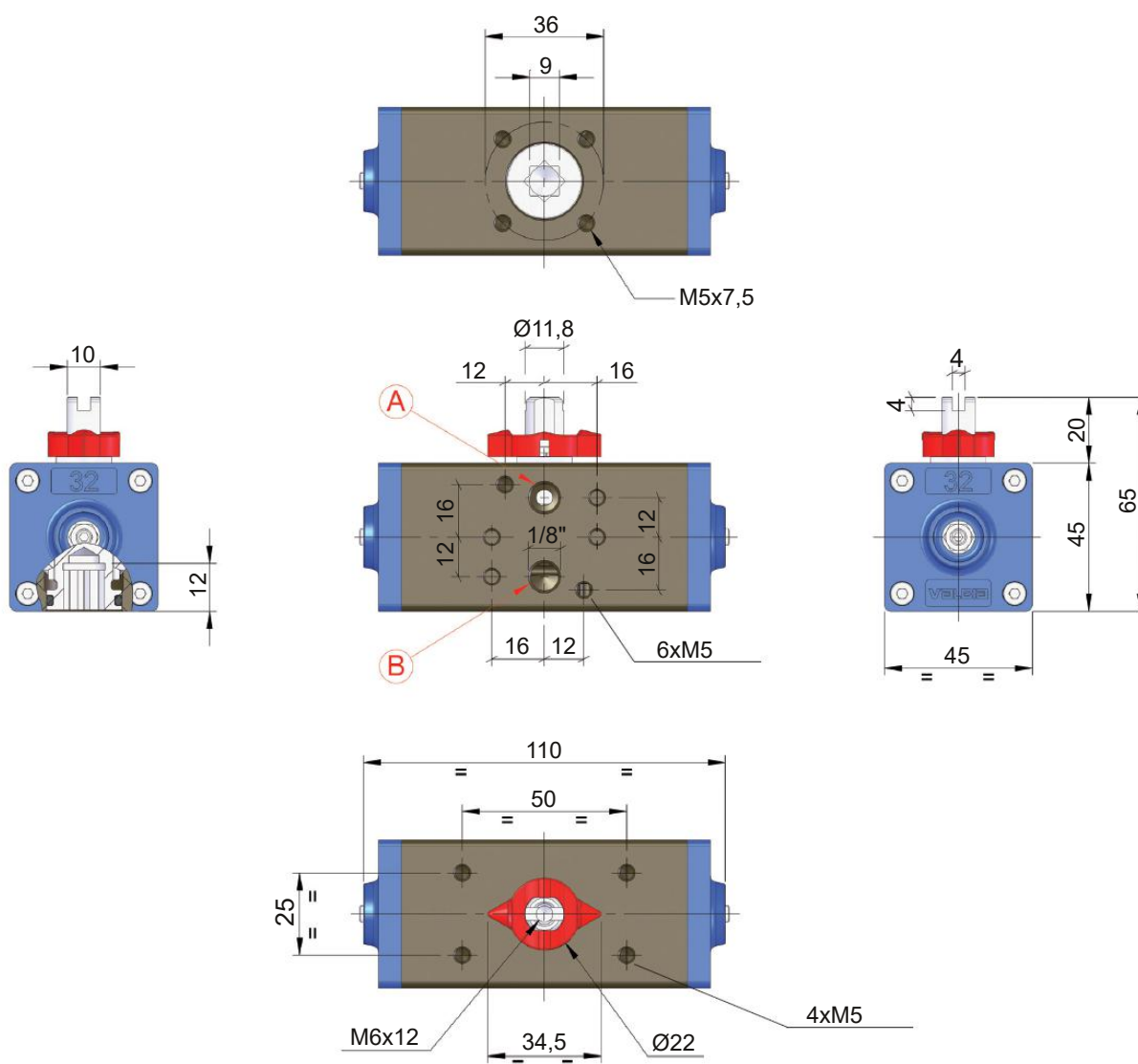
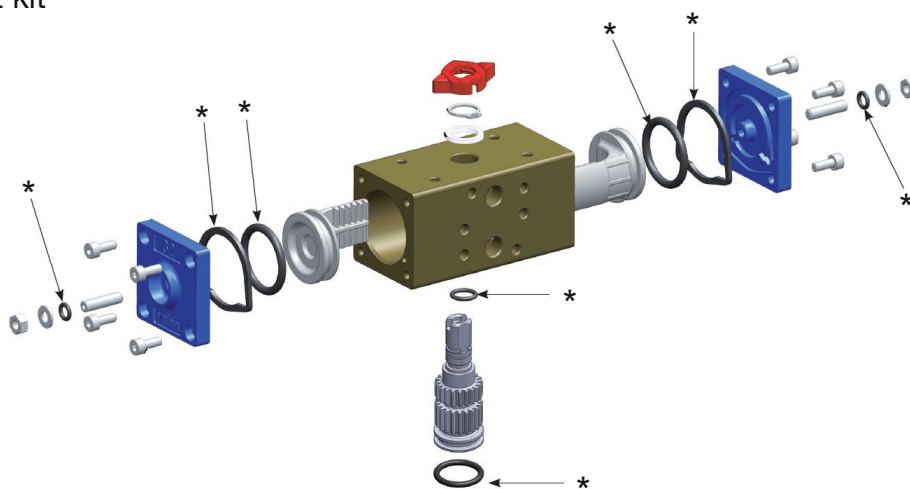
Supply pressure (bar)	2,5	3,0	4,0	5,0	5,5	6,0	7,0	8,0
Type								
DA032	3,5	4,2	6,0	7,5	8,0	9,0	10,0	11,5
DA052	9,0	11,0	14,5	18,5	20,0	22,0	26,0	30,0
DA063	15,5	19,0	26,0	33,0	36,0	39,5	46,5	53,5
DA075	29,0	35,0	47,5	60,0	66,0	72,0	84,5	97,0
DA085	41,5	50,5	68,5	87,0	96,0	105,0	123,0	141,0
DA100	66,0	80,0	108,0	136,0	150,0	164,5	193,0	221,0
DA115	109,0	132,0	179,0	226,0	249,0	272,0	319,0	366,0
DA125	143,5	174,0	235,0	297,0	327,0	358,0	419,0	481,0
DA140	205,0	246,0	328,0	410,0	451,0	493,0	575,0	657,0
DA160	287,0	344,0	458,0	573,0	630,0	688,0	802,0	917,0
DA180	395,0	474,0	632,0	789,0	868,0	947,0	1105,0	1263,0
DA200	532,0	638,0	851,0	1063,0	1170,0	1276,0	1489,0	1701,0
DA230	879,0	1055,0	1406,0	1758,0	1934,0	2109,0	2461,0	2812,0
DA270	1292,0	1550,0	2067,0	2584,0	2842,0	3101,0	3617,0	4134,0
DA330	2299,0	2759,0	3679,0	4599,0	5059,0	5519,0	6438,0	7358,0

Options

Low temperature version: -40...+85°C. High temperature version: -20...+150°C

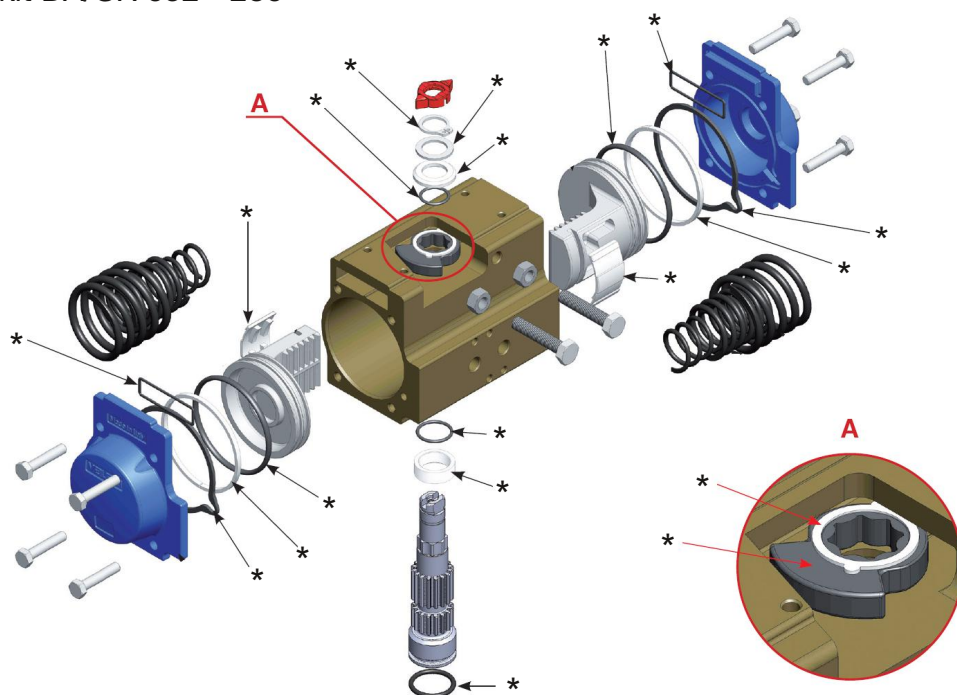
DA032

Spare part kit

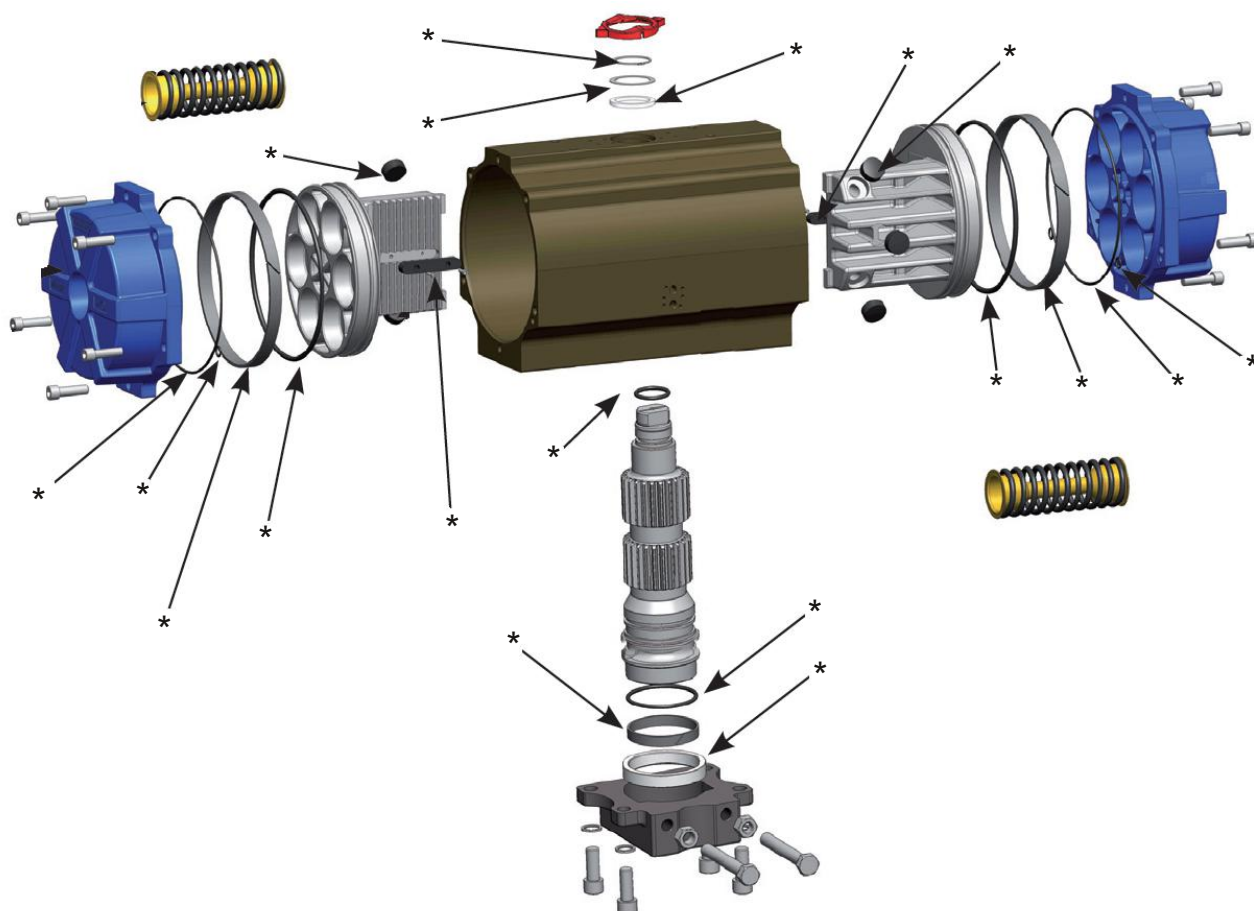


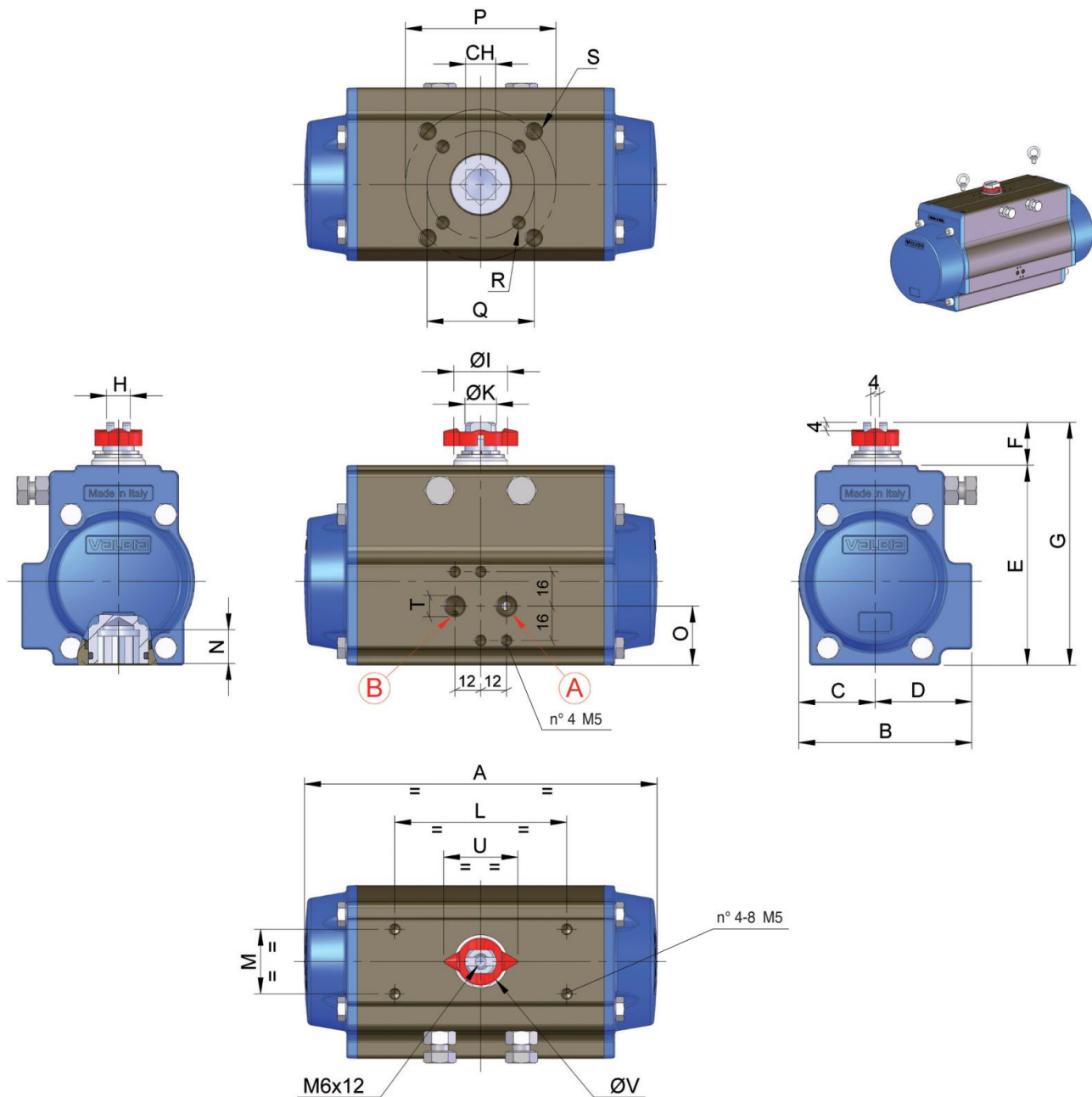
DA/SR 052 - 330

Spare part kit DA/SR 052 - 230



Spare part kit DA/SR 270 - 330



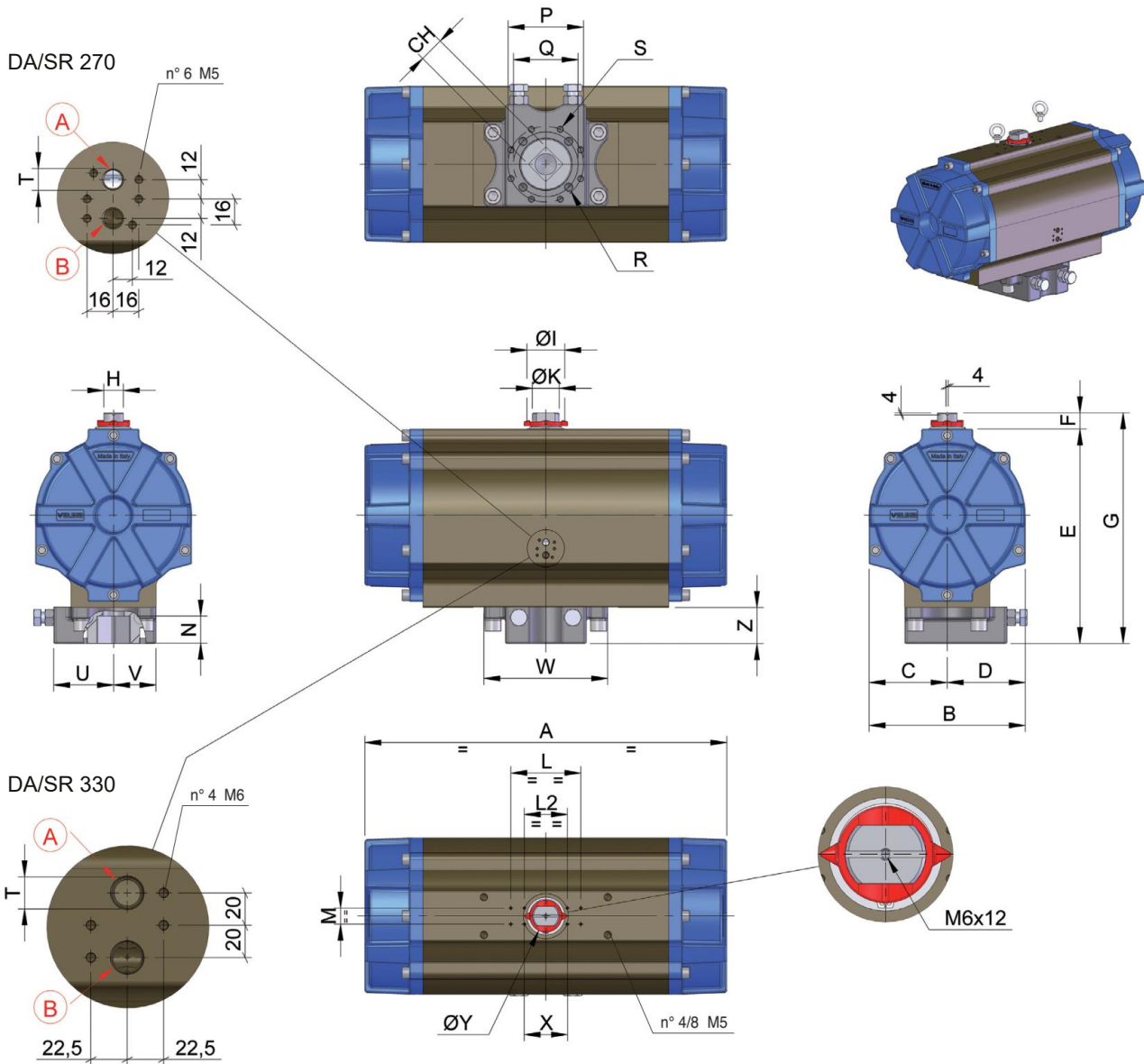


Dimensions

Type	ISO5211	CH	A	B	C	D	E	F	G	H	ØI	ØK	L	M	N	O	P	Q	R	S	T	U	ØV
DA/SR052	F03/05	11	141	71	30	41	82	20	102	10	21	12	80	30	12	27	50	36	M5x7,5	M6x9	1/8"	35	22
DA/SR063	F05/07	14	164	81	36	45	93	20	113	11	25	15	80	30	16	28	70	50	M6x8	M8x12	1/8"	35	22
DA/SR075	F05/07	17	210	95	42	53	111	20	131	13	29	19	80	30	19	35	70	50	M6x8	M8x12	1/8"	42	29
DA/SR085	F05/07	17	241	106	48	59	125	20	145	15	35	22	80	30	19	42	70	50	M6x8	M8x12	1/8"	42	29
DA/SR100	F07/10	17	275	123	55	68	138	20	158	15	35	22	80	30	21	50	102	70	M8x8	M10x14	1/4"	42	29
DA/SR115	F07/10	22	333	137	64	73	162	30	192	22	49	32	80/130	30	24	50	102	70	M8x12	M10x15	1/4"	64	44
DA/SR125	F07/10	22	372	148	68	80	174	30	204	22	49	32	80/130	30	24	61	102	70	M8x12	M10x15	1/4"	64	44
DA/SR140	F10/12	27	435	164	77	88	197	30	227	24	49	35	80/130	30	29	71	125	102	M10x15	M12x18	1/4"	64	44
DA/SR160	F10/12	27	500	186	87	99	221	30	251	30	57	40	80/130	30	32	80	125	102	M10x14	M12x17	1/4"	81	60
DA/SR180	F10/14	36	493	213	98	115	253	30	283	36	62	45	80/130	30	43	99	140	102	M10x15	M16x25	1/4"	81	60
DA/SR200	F14	36	579	217	108	109	278	30	308	36	67	50	80/130	30	37	78	140	-	-	M16x24	1/4"	81	60
DA/SR230	F16	46*	690	249	124	125	325	30	355	36	67	50	80/130	30	50	92	165	-	-	M20x29	1/4"	81	60

* DA/SR230 only square connection at 45° (CH)

DA/SR 270 - 330, 0-90°



Dimensions

Type	ISO5211	CH	A	B	C	D	E	F	G	H	ØI	ØK	L	L2	M	N	P	Q	R	S	T	U	V	W	Z	X	ØY
DA/SR270	F16	46	672	290	145	145	399	30	429	36	70	50	130	80	30	50	-	165	M20x30	-	1/4"	111	79	230	68	81	60
DA/SR330	F16/25	55	881	402	201	201	505	50	555	36	109	50	130	-	30	62	254	165	M20x30	M16x26	1/2"	129	135	297	95	81	60