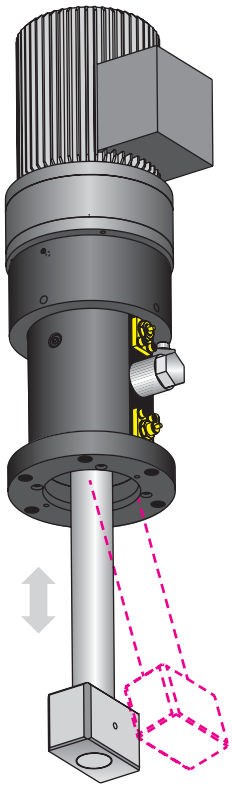
Swing clamp electromechanical



Applications:

Automatic clamping of dies

- on press rams
- on hold-down devices
- at max. ambient temperatures of 70°C

Function:

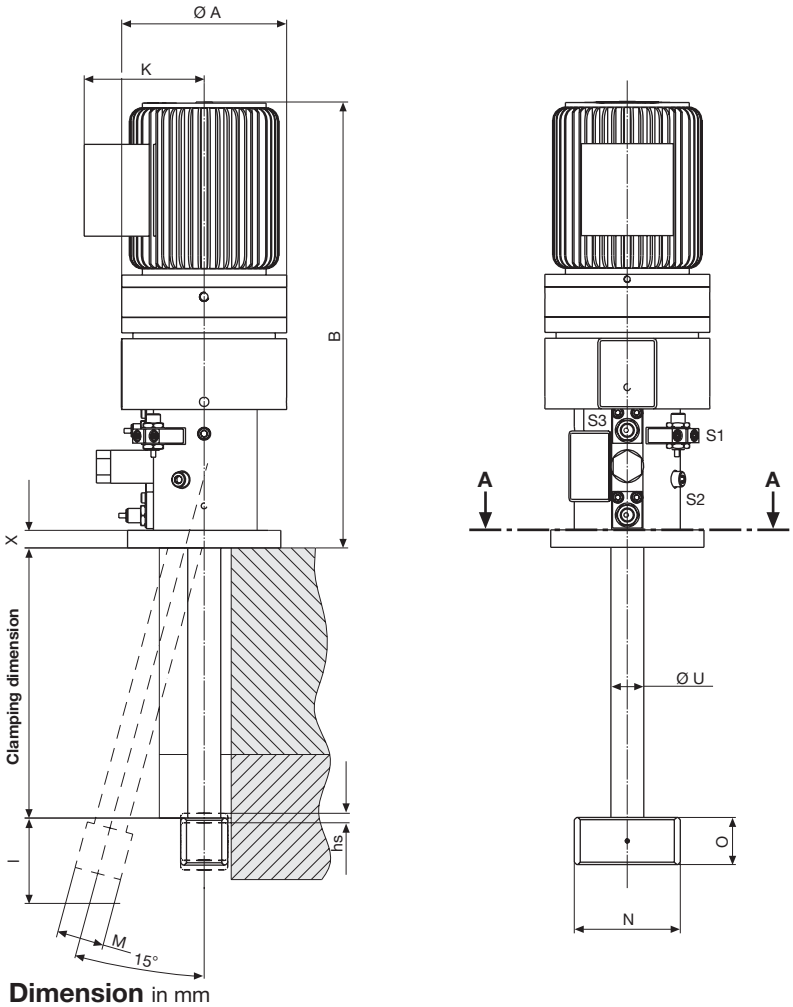
The rotation of the motor is converted into a swinging movement and a stroke of the tie rod by the flexspine gear, the lead screw and the control pin.
The tie rod swings out by max. 15°. The clamping force is transmitted to the clamping point in the axial direction of the tie rod. The clamping force and the clamping and unclamping positions are monitored by inductive proximity switches. The clamping force is maintained by mechanical self-locking.

Special features:

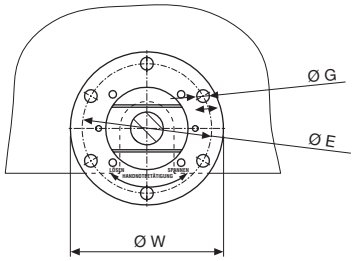
- Clamping stroke up to 13 mm, which means high adaptability to varying heights of clamping edges
- Position monitoring and an automatic cycle ensure high operational reliability
- Central operation of all clamping elements
- Compact design, rugged construction
- Variable length of tie rod
- Resistant to high mechanical loads
- Shock-resistant up to a max. ram acceleration of 12 g
- Suitable for retrofit and for installation in original equipment

Electromechanical swing clamps mounted on a double-column press.

Swing clamp electromechanical



Section A-A



Other clamping dimensions, clamping forces and motor voltages are available on request

Dimension in mm

Type	A	B	E	G	Clamping stroke hs	Swing stroke	Installation space I	K	M	N	O	U	W	X
8.2653.0101	140	409	110	11	11	8,0	85	102,0	40	90	40	28	130	42
8.2655.0101	160	522	140	13,5	12	10,5	120	112,5	50	90	60	40	160	57
8.2656.0101	195	602	160	13,5	12	13,0	125	112,5	60	90	65	40	180	65

Clamping dimension to be quoted in the order

Technical data

Type	Clamping force	Max. static force	Clamping speed	Connected motor voltage	Motor rating	Rated motor current
8.2653.0101	70 kN	110 kN	3,8 mm/s	400V/ 50Hz	0,55 kW	2,1 A
8.2655.0101	120 kN	200 kN	5,7 mm/s	400V/ 50Hz	1,1 kW	3,55 A
8.2656.0101	160 kN	300 kN	4,1 mm/s	400V/ 50Hz	1,1 kW	3,55 A

Terminal connections