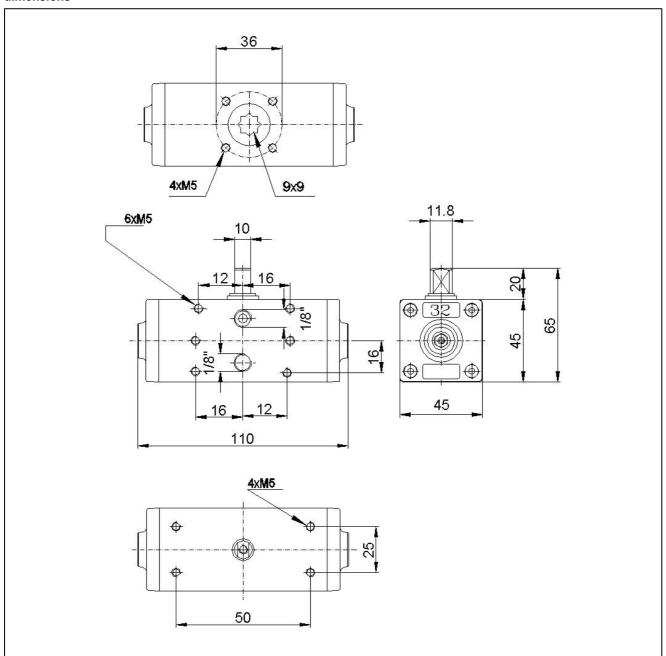


pneumatic actuator accordingly ISO 5211 series PAD(double acting) piston diameter 32mm



piston actuator with 2 counteracting pistons, elastic sealing, all details of actuator according to ISO design 5211, outside cushions adjustable +/-5° female thread according to ISO7/1 connection materials hard-anodised aluminum, pinion nickel-plated steel, seals NBR standard construction function delivery in double acting design actuation pneumatic cushions none, actuator is not able to absorb mass mounting position type of fixing at flange-type according to ISO 5211, F03 control medium filtered and lubricated or non lubricated compressed air operating pressure range 1-8bar medium temperature -20°C...+85°C -20°C...+85°C ambient temperature ATEX II 2 G/D c T6, SIL3 approvals pinion made of stainless steel, actuator PTFE-coated, actuator nickel-plated, ambient temperatures special version of -20°C to 150°C accessories control of moving speed order information please specify control pressure and operating temperature by order additionally.

dimensions



torques for double acting actuators at different control pressure

type	torque in Nm [Nm]							
	2,5 bar	3 bar	4 bar	5 bar	5,5 bar	6 bar	7 bar	8 bar
PAD032	3,5	4,2	6	7,5	8	9	10	11,5

air consumption in NI/stroke

	piston diameter			
type	32			
counter clockwise rotation	0,04			
clockwise rotation	0,03			
to verify air consumption, you have to multply air consumption by absolute pressure and by number of strokes per minute.				

illustrations are for information only and are non-binding all designs, configurations, measurements and materials are subject to change without prior notice