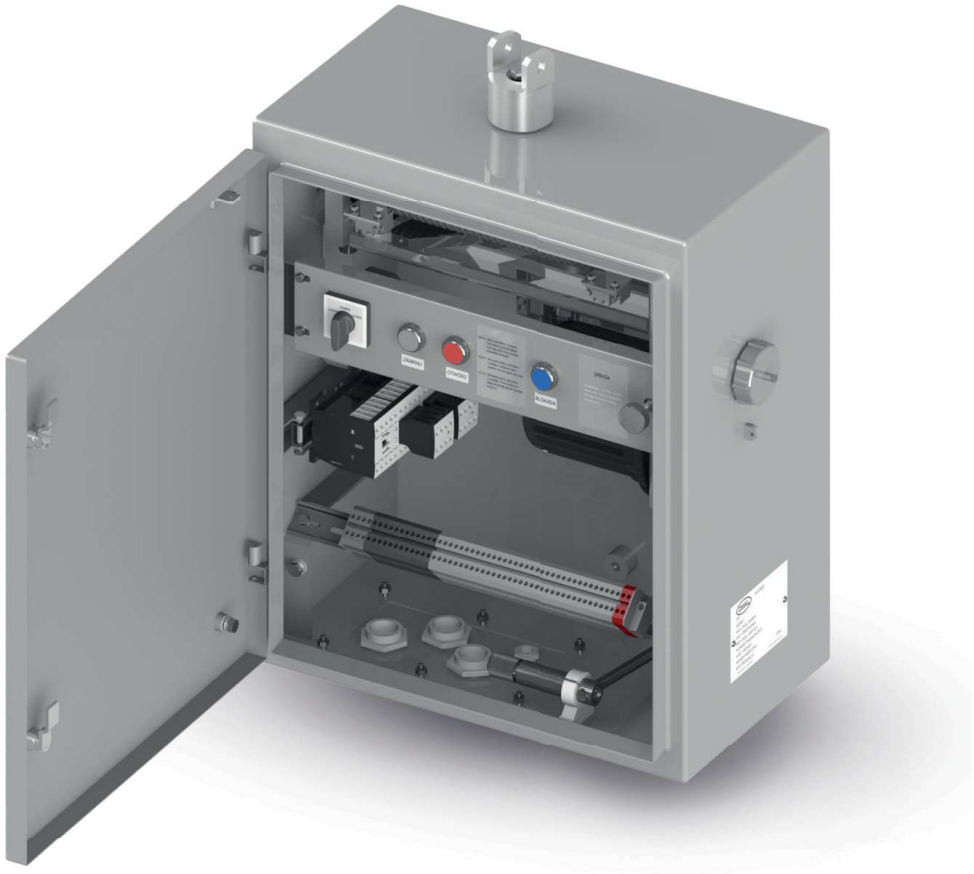
NSO80

Motor operating mechanism



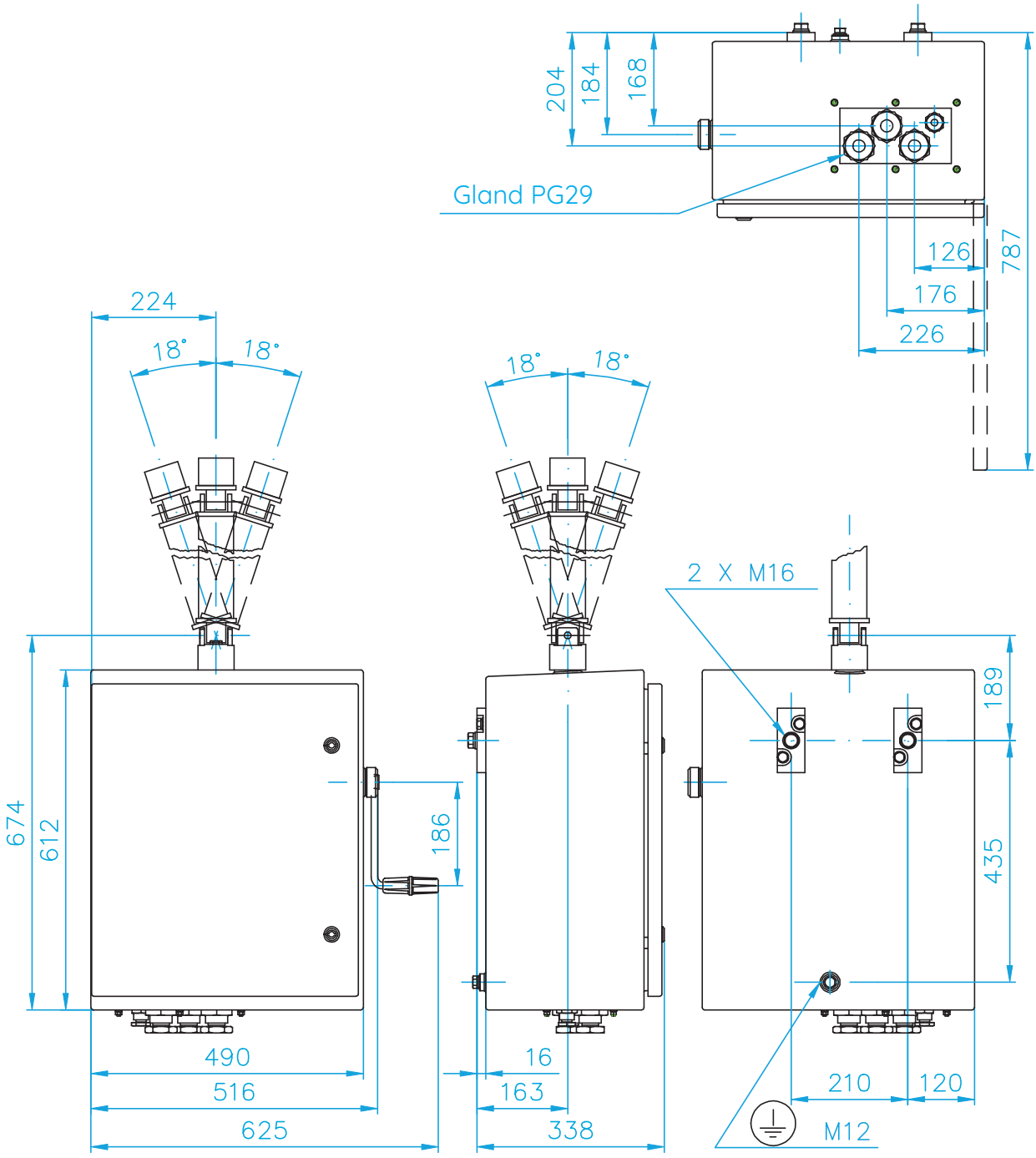
CHARACTERISTICS

- Excellent anti-corrosion protection of the housing box
- Capability of being powered by three-phase AC, single-phase AC, and DC
- Parabolic characteristic of the torque available in the limit positions required during closing/opening of the apparatus
- Capability of interoperation with disconnectors from other manufacturers.

SPECIFICATION

Item	Parameter	Value
1.	Rated voltage/rated current - squirrel cage motor - series motor	 3x 400 [VAC] / 4,5 [A] 3x 230/400 [VAC] / 4,5 [A] 220 VDC / 4 [A] 110 VDC / 10 [A]
	- phase control relay - contactor coil of motor supply voltage control (depending on motor rated voltage)	3x400 [VAC] 400 [VAC] 230 [VAC] 220 [VDC] 110 [VDC]
	- contactor coil	230 [VAC] 220 [VDC] 110 [VDC] 110 [VAC]
	- heater	230 [VAC] 220 [VDC] 110 [VDC]
	- electromagnetic lock	230 [VAC] 220 [VDC] 110 [VDC]
2.	Rated power: - squirrel cage motor - series motor - contactor coil - heater - electromagnetic lock coil	 750 [W] 500 [W] 7 [W] 25 [W] 7 [W]
3.	Shaft torque: - rated - maximum	 300/500/1000 [Nm] 500/800/1600 [Nm]
4.	HV switching time	7/11/16 [s]
5.	Crank handle speed	ok. 100
6.	Main shaft angular displacement	90/125/192 [°]
7.	Rated switching capability of control switch	AC - 15; 230 [V], 2,5 [A] DC - 13; 220 [V], 0,25 [A]
8.	Maximum conductor cross section	4 [mm^2]
9.	Enclosure protection rating	IP 55
10.	Rated mechanical strength	2000 cycles

DRAWING


204
184
168
Gland PG29
126
176
226
787
224
18°
18°
18°
18°
2 X M16
189
435
674
612
186
490
516
625
16
163
338
210
120
M12