Standard design of **X551M2**

Explosion-proof motor **X551M2**	
Type of protection:	**II 2G Ex d IIB T6**
Degree of protection:	IP68 h2m (20 kPa)
Ambient temperature:	–20°C to +40°C
Nominal voltage: (depends on the motor used)	6, 12, 24, 48, 110 or 230 V AC/DC
Maximum power dissipation: (of enclosure for T6 temperature class)	9,5 W – with rubber cable (standard type H07 RN-F used) 17 W – cable with higher temperature resistance
Feeder cable connection:	Motor type dependent
Max. torque:	4 Nm
Enclosure material:	Stainless steel

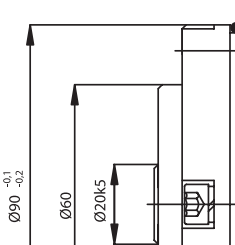
Application:
The explosion-proof stainless steel motor serve as a source of rotational movement in areas with danger of explosion of flammable gases and vapours (e.g. water-oil separators, mixing machinery).

Motor design:
The motor is designed as flameproof with direct entry. The equipment consists of a flange secured to a stainless steel welded body equipped by a cable gland of certified type. The motor and its gearbox is fixed inside the enclosure offering IP 68 h2m (20 kPa) protection. MAXON brand reliable high-rpm motors are used as standard. Custom deliveries with different types of motors are also possible with respect to dimensions and technical specification stated below.
The flexible feeder cable is an inseparable part of the delivery and is permanently attached to the enclosure.

Motor installation:

Standard design:
The front side flange is secured to the enclosure by four M6 screws with at least 20 mm length in 4 × 90° spacing on 112 mm diameter (see the figure below).

Customised design:
The flange design as well as the screw spacing can be adjusted according to customer's needs.



Application for water-oil separator

Further technical details on X551M2 explosion-proof motor are available at **obchod@generi.cz** .