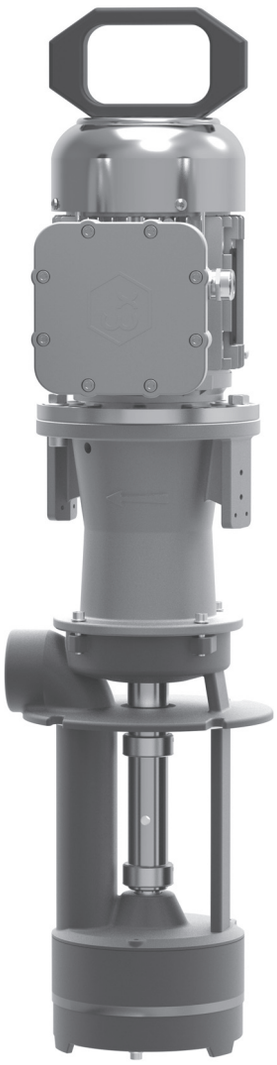


EP EX PUMP - ATEX Certificated

Applications:

- Printing machines,
- Painting processes
- EP Ex Pump is used as circulation pump at the zones which required using Ex-proof materials.
- Pump has an Ex-proof electric motor and all components of it are suitable for ATEX certificate.
- Electric motor is easily detachable with a top holder so it allow to easy washing/ cleaning of pump parts before paint congeal.
- It is suitable for different paint application by using this detachable type electric motor.

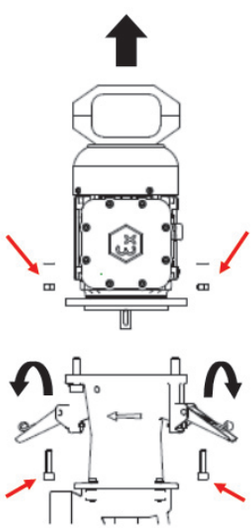
Fluid Specifications:

- Paint,
- Ink,
- Fluid temperature 5...60 °C
- Kinematic viscosity 1...20 mm^2/s

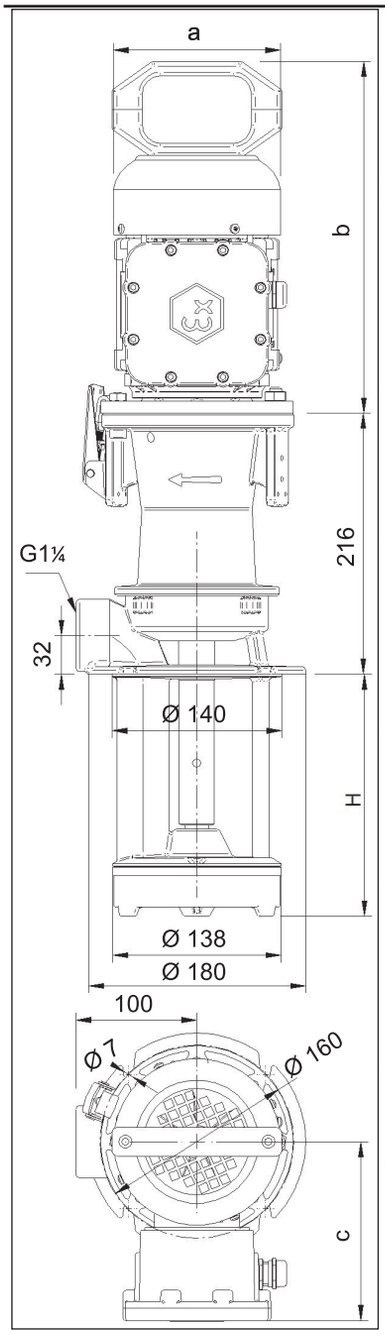
Materials:

Pump body	: Cast iron - DIN GG 25
Volute	: Cast iron - DIN GG 25
Impeller	: Investment casting steel - AISI 4140 (DIN 42CrMo4)
Pump shaft	: Stainless steel - AISI 316L
Electric motor	: 3 phase induction motor 2 pole, 2900 rpm Protection degree IP 55

II 2G Ex db IIC T4 Ga
II ½G Ex h IIB T4 Ga/Gb



EP Ex pump with a detachable electric motor



TYPE	Depth of immersion h (mm)	a	b	c	Weight kg	Power kW	Voltage V(Δ/Y)	Frequency Hz	Rated current A	Speed rpm
		mm								
EP Ex 150/200	200	138	292	149	19.4	0.37	230/400	50	2.1/1.2	2835
EP Ex 150/270	270				20.3					
EP Ex 150/350	350				20.8					
EP Ex 150/440	440				21.4					
EP Ex 150/550	550				22.4					
EP Ex 152/240	240	157	312	156	24.9	0.90	230/400	50	4.0/2.3	2905
EP Ex 152/310	310				25.5					
EP Ex 152/390	390				26.3					
EP Ex 152/480	480				29.3					
EP Ex 250/200	200	138	292	149	19.5	0.55	230/400	50	2.3/1.35	2775
EP Ex 250/270	270				20.4					
EP Ex 250/350	350				20.9					
EP Ex 250/440	440				22.6					
EP Ex 250/550	550				23.6					
EP Ex 252/250	250	157	312	156	25.2	1.10	230/400	50	4.5/2.6	2875
EP Ex 252/320	320				25.7					
EP Ex 252/400	400				26.7					
EP Ex 252/490	490				28.2					
EP Ex 350/200	200	157	312	156	20.5	0.75	230/400	50	2.9/1.7	2905
EP Ex 350/270	270				21.7					
EP Ex 350/350	350				22.0					
EP Ex 350/440	440				23.7					
EP Ex 350/550	550				24.7					

* Pump dimensions according to EN 12157.

** The performance curves are based on 1 mm^2/s (cSt) kinematic viscosity values and 997 kg/m^3 density

*** Curve tolerance according to ISO 9906:2012 Grade 3B.

Performance Curve