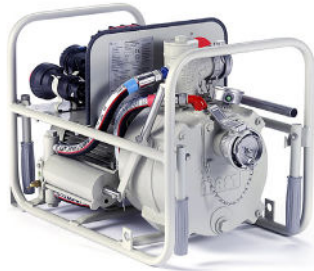


HAZARDOUS-MATERIALS PUMPS

GUP 3-1,5 TW-VL

Aggressive liquids

POWERFUL
RUGGED
HIGHLY RELIABLE



KEY DATA

Max. flow rate	620 l/min
Power P ₁ /P ₂	3,0 / 2,5 kw
Overall weigh	81 kg
Dimensions (L x W x H)	62 x 39 x 46 cm
Coupling	TW

01 FIELD OF APPLICATION

In potentially explosive areas of zones 1 and 2 for aggressive and flammable liquids within the resistance limits of the materials used.

Ambient temperature	-20 °C ≤ TFM ≤ +60 °C
Liquid temperature	-20 °C ≤ TFM ≤ +40 °C
Liquid density (max.)	≤ 1,1 kg/dm ³

03 TECHNICAL DATA

Motor	3~ 400 V three-phase · 50 Hz
Power P ₁ /P ₂	3,0 / 2,5 kW
Rated Current	4.55 A
Rotational Speed	2,860 rpm
Overall weight	81 kg complete
Dimensions	L 62 x B 39 x H 46 cm
Connection size:	G 2"
Coupling	TW
Maximum solids size	Ø 10 mm
Power supply Cable	H 07 RN-F 5G1,5 (1,5 m)
Connection type	EN CEE 16 A 5-pole EEx

02 FEATURES

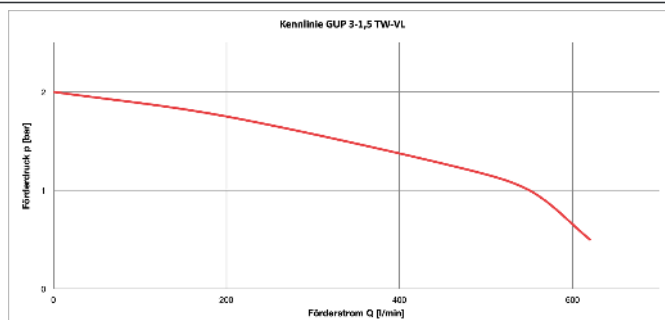
- Easy to clean
- No liquids requiring maintenance
- Suitable for coarse-grained contaminated media
- Ready for immediate operation after a long idle period
- Operation against a closed valve
- Type-examination certificate IExU04ATEXB025X Test number PVR 354/92
- Complete unit explosion-proof to protection type EEx II 2 G c IIB T3 in accordance with Dir. 94/4/EC (ATEX)
- Self-regulating flow rate

04 MATERIALS

Tubular frame	Stainless steel 1.4571 (V4A)
Pump housing	Stainless steel 1.4408 (V4A)
Diffuser	Stainless steel 1.4408 (V4A)
Impeller	Stainless steel 1.4408 (V4A)
Screws	stainless steel A2
Seals	Fluoro rubber FKM (Vitron)
Shaft seal	Mechanical seal carbon / ceramic (AL ₂ O ₃)

05 MAXIMUM FLOW RATE

Q l/min	pressure (p)
620	0,5
550	1
460	1,25
200	1,75
0	2



Q MAX.
620
l/min

Maximum solids size
Ø 10
mm

Q [l/min] at pressure [p], valid for a density of 1 kg/dm³ and a kinematic viscosity of 1 mm²/s. Capacity and efficiency guaranteed according to DIN 1944, accuracy grade III.