



TRANSFER PUMPS DIN 14 424

TUP 3-1,5 V / VL

Mineral oils, fuels · electric motor 400 V

POWERFUL
RUGGED
HIGHLY RELIABLE



KEY DATA

Max. flow rate	600 l/min
Power P ₁ /P ₂	3,0 / 2,5 kW
Overall weigh	66 kg
Dimensions (L x W x H)	68 x 39 x 46 cm
Coupling	STORZ-C

01 FIELD OF APPLICATION

In potentially explosive areas of zones 1 and 2 for mineral oil products and non-aggressive flammable liquids.

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

02 FEATURES

- Pressure gauge
- Maintenance-free
- Filled, dry-running safe
- Complete unit explosion-proof
- Protection type EEx II 2Gc IIB T3 Dir. 94/4/EC (ATEX)
- Type-examination certificate IBEU03ATEXB036X

03 TECHNICAL DATA

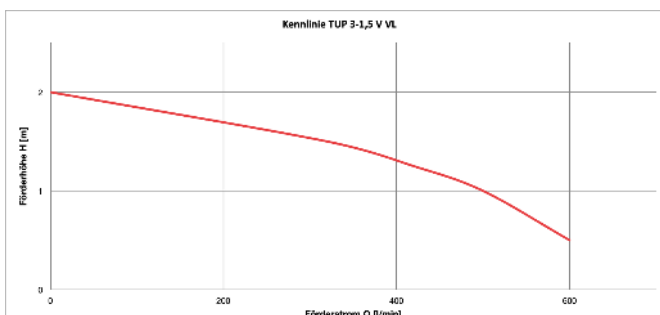
Motor	3~ 400 V three-phase · 50 Hz
Power P ₁ /P ₂	3,0 / 2,5 kW
Rated Current	4,6 A
Rotational Speed	2,860 rpm
Overall weight	66 kg
Dimensions	L 68 x B 39 x H 46 cm
Connection size:	G2"
Coupling	STORZ-C
Maximum solids size	Ø 4 mm
Power supply Cable	H 07 RN-F 5G1,5 (1,5 m)
Connection type	EN CEE 16 A 5-pole EEx

04 MATERIALS

Tubular frame	Steel painted
Pump housing	Al alloy DIN EN 1706
Diffuser	Special cast iron in DIN EN 1561
Impeller	Brass CuSn in DIN EN 1982
Seals	mineral-oil-resistant elastomers
Shaft seal	Mechanical seal carbon / ceramic (Al ₂ O ₃)

05 MAXIMUM FLOW RATE

Q l/min	pressure [p]
600	0,5
500	1
420	1,25
320	1,5
0	2



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.

Q MAX.
600
l/min

Maximum solids size
Ø 4
mm

