



# TRANSFER PUMP TUP 2-1

Mineraloil, Fuel ▪ Electric Drive 400 V



**PUMP:**  
maintenance-free  
Charged dry-running safe

Dry weight 36 kg



Self-priming up to 8,4 m

Solids passage  $\varnothing$  8 mm

Q max. 400 l/min.

Complete unit EX-proof acc. to protection class EEx II 2G c IIB T3 in compl. with RL 94/4/EG (ATEX)  
Examination certificate IBExU09ATEXB014X

## APPLICATION AREA:

Within hazardous zones 1 and 2 for non-aggressive inflammable liquids.

Ambient temperature  $T_a$ :  $-20^{\circ}\text{C} \leq T_a \leq +60^{\circ}\text{C}$

Liquid temperature  $T_{FM}$ :  $-20^{\circ}\text{C} \leq T_{FM} \leq +40^{\circ}\text{C}$

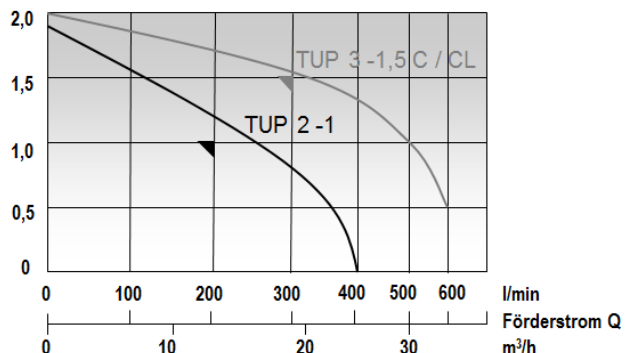
Liquid density:  $\leq 1,1 \text{ kg/dm}^3$

ph-limitations: 5-8

## FLOW RATE:

Q/l/min	bar (p)
400	0
350	0,5
250	1,0
190	1,25
0	1,8

Förderdruck p bar



Q l/min.at H m (Watercolumn), valid for  $\rho = 1 \text{ kg/dm}^3$  and kinematic viscosity  $\eta = 1 \text{ mm}^2/\text{s}$ .  
Flow rate and efficiency DIN 1944. Accuracy level III.

## CHARACTERISTICS:

Pump type:	3~ 400 V Three-phase AC 50 Hz
Power $P_1 / P_2$ :	2,3 kW / 1,85 kW
Rated current:	3,7 A
Shaft speed:	2890 U/min.
Total weight:	36 kg
Dimensions:	L 62 x B 33 x H 44 cm
Connections:	G 2"
Discharge Conn.:	Coupling acc. to DIN 14 307-C
Solid passage:	$\varnothing$ 8 mm
Cable:	H 07 RN-F 5G1,5 (1,5 m)
Plug:	EN CEE 16A 5-pole EEx

## MATERIALS:

Pumpe housing:	Aluminum alloy acc. to DIN EN 1706*
Tubular frame:	Coated steel
Impeller:	Brass CuSn acc. to DIN EN 1982
Diffuser:	Special cast iron acc. to DIN EN 1561
Gaskets:	Mineral oil resistant elastomer
Mechanical seal:	Carbon / Ceramics

\*sea water resistant



MAST PUMPEN GmbH  
Pump manufacturer  
Mörikestr. 1 ▪ D-73773 Aichwald

+49 711 936704-0  
info@mast-pumpen.de  
www.mast-pumpen.de

Subject to change. V\_01/17