



HAZMAT SUBMERSIBLE PUMP IN EX 7-3 D



Aggressive liquids ▪ Electric motor 400 V



Supply line protected by 5 Meter PTFE-hose and additional stainless steel-coating.



Motor protection plug EEx (MAST item-n° 0604210)

Complete unit EX-proof acc. to protection class EEx II 2G d IIB T4 in compl. with RL 94/4/EG (ATEX)
Examination certificate BVS04ATEXE098X

APPLICATION AREA:

Within hazardous zones 1 and 2 for aggressive and inflammable liquids within the resistance of the used materials.

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

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

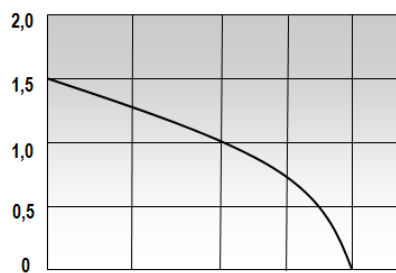
Liquid density: $\leq 1,5 \text{ kg/dm}^3$

Important note: Submersible pumps must not be used to pump combustible liquids (zone 0).

FLOW RATE:

Q l/min	bar (p)
400	0
350	0,5
200	1,0
125	1,2
0	1,5

Förderdruck p bar



0 100 200 300 400 500 l/min
0 10 20 30 Förderstrom Q m³/h

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 :	1,0 / 0,78 kW
Rated current:	2,2 A
Shaft speed:	2850 U/min.
Total weight:	50 kg
Dimensions:	Ø 20 x W 34 x H 58 cm
Connections:	G 1 1/2"
Discharge Conn.:	DN 50 DIN 11 851 (-S) / alt. TW (-TW)
Solid passage:	Ø 10 mm
Cable:	NSS HOEU-J 4X2,5 (8 m)
Plug:	EN CEE 16A 4-pole EEx

MATERIALS:

Pumpe housing:	Stainless steel N°1.4408 (V4A)
Impeller:	Stainless steel N° 1.4408 (V4A)
Diffuser:	Stainless steel N° 1.4408 (V4A)
Screws:	Stainless steel A2
Gaskets:	Fluorelastomer FKM (Viton)
Mechanical seal:	Double carbon set / carbid



powerful
robust
reliable

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Subject to change. V_01/17