



# SUMP PUMPS

TOOLS FOR THE SPECIALIST



PNEUMATIC



HYDRAULIC

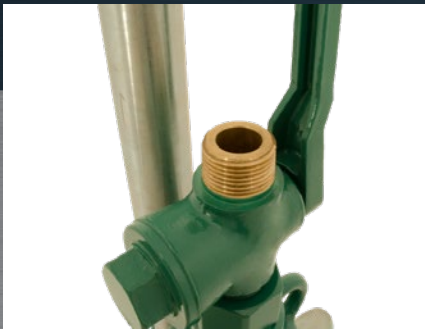


ATEX





# SYSTEM CONCEPT



Air inlet



Hydraulic connection



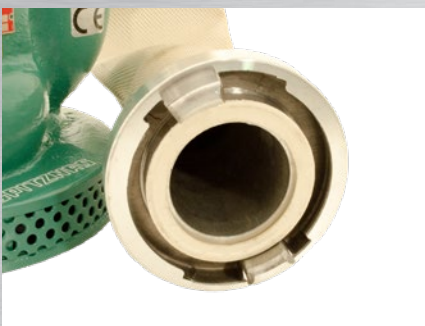
Powerful hydraulic motor  
with 12 ccm capacity



ATEX-Safety class  
approved



Delivery outlet



Ventilation for delivery line





Suction grid



## PNEUMATIC

The pneumatic sump pump is designed for relatively clean fluids, e.g. water and cooling agents. The pump can be immersed fully into the medium to be pumped. The exhaust air will be discharged through an extra line.





ORDER NO.	Pumping capacity at a height of 10 m m <sup>3</sup> /h	Max. pumping head m	PNEUMATIC 		OPERATING PRESSURE 6 Bar			UNDERWATER OPERATION 		Noise level LpA dB(A)	Weight kg
			Delivery outlet mm/inch	Air consumption m <sup>3</sup> /min	Height mm	Length mm	Width mm	Air inlet 3/4" NPT	Air outlet 1" NPT		
<b>7 1103 0010</b>	48	30	50 / 2"	2.8	445	210	229	3/4" NPT	1" NPT	109.0	15.0

Subject to technical change. Performance data at an operating pressure of 6 bar.

## HYDRAULIC

The handy hydraulic sump pump in contrast to the pneumatic sump pump Type 7 1103 0010 is powered by a hydraulic motor and is used for pumping relatively clean fluids, e.g. water and cooling agents.







BEST.-NR.	Pumping capacity at a height of 10 m m <sup>3</sup> /h	Max. pumping head m	HYDRAULIC 		OPERATING PRESSURE 140 Bar			UNDERWATER OPERATION 		Noise level LpA dB(A)	Weight kg
			Delivery outlet mm/Zoll	Volume flow l/min	Height mm	Length mm	Width mm	Hydraulic connection FlatStarA250-OM/OF-1/2"BSP			
<b>7 1104 0010</b>	48	30	50 / 2"	15	300	210	229	FlatStarA250-OM/OF-1/2"BSP	109.0	17.6	

Subject to technical change. Performance data at an operating pressure of 140 bar.

## HYDRAULIC

The high pumping rate is one of the highlights of this hydraulic sump pump. The pump is designed for relatively clean fluids, e.g. water and cooling agents (no grinding liquids). The minimum immersion depth is 240 mm. The pump can be immersed fully into the medium to be pumped and can be used as well in hazardous areas.



BEST.-NR.	 ATEX Specification	Pumping capacity at a height of 10 m m <sup>3</sup> /h	Max. pumping head m	HYDRAULIC 		OPERATING PRESSURE 250 Bar		ATEX 		UNDERWATER OPERATION 	
				Delivery outlet mm	Volume flow l/min	Height mm	Length mm	Width mm	Hydraulic connection 3/4-16UNF-2B	Noise level LpA dB(A)	Weight kg
<b>7 1106 0010</b>	IM2ExhIMbT3 II2GExhIIBT3Gb	80	45	DN50-PN10/ nozzle dia. 52	30	665	290	495	3/4-16UNF-2B	<70.0	53.0

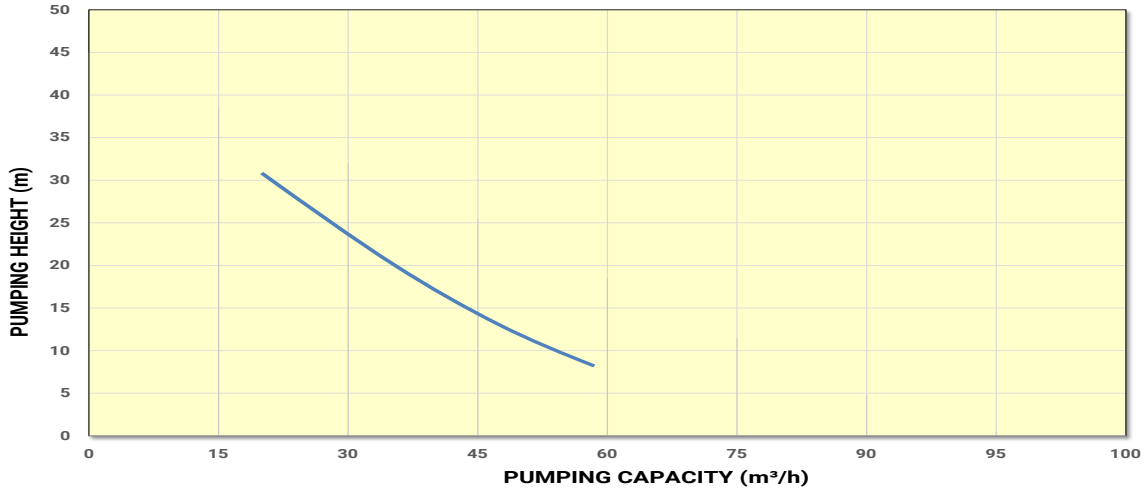
Subject to technical change. Performance data at an operating pressure of 250 bar.

# TECHNICAL DATA

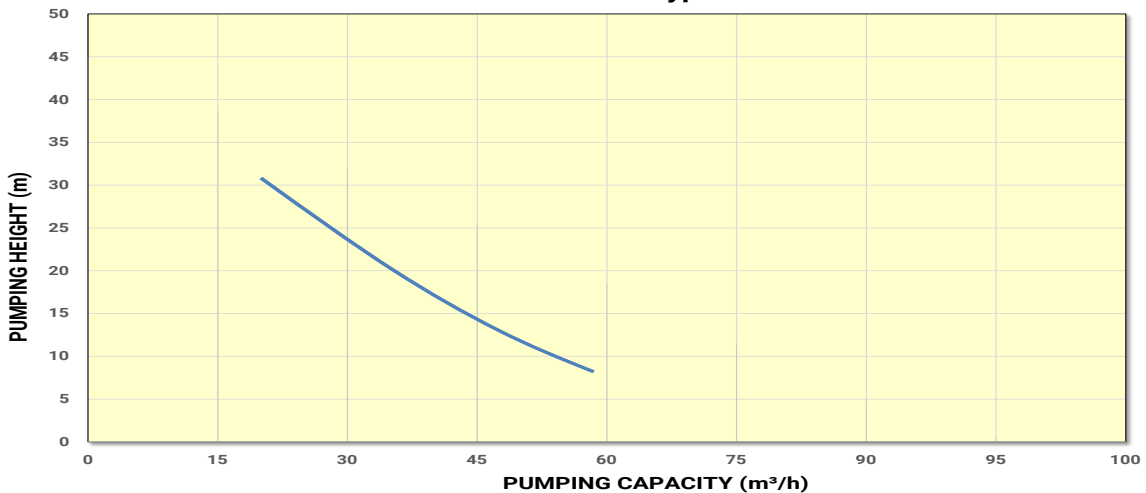
# TECHNICAL DATA

## PERFORMANCE CHARTS

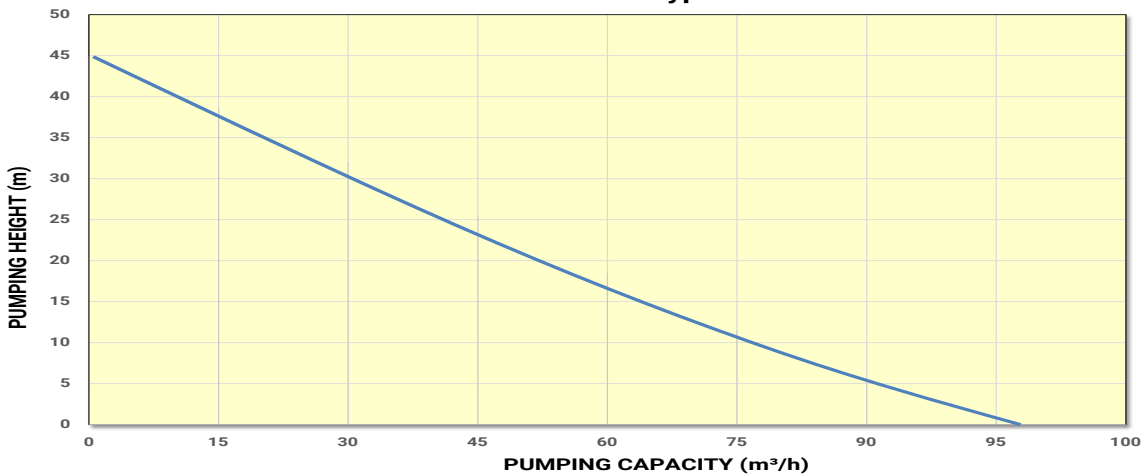
PERFORMANCE CHART Type 7 1103 0010



PERFORMANCE CHART Type 7 1104 0010



PERFORMANCE CHART Type 7 1106 0010



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