



SUMP PUMPS

TOOLS FOR THE SPECIALIST



PNEUMATIC



HYDRAULIC



ATEX



SYSTEM CONCEPT



Air inlet



Hydraulic connection



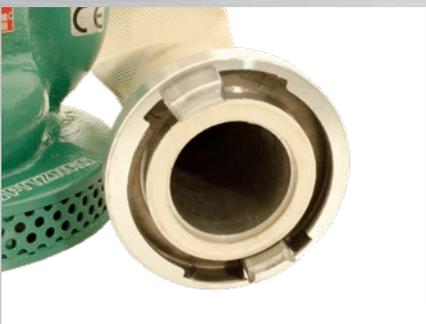
Powerful hydraulic motor
with 12 ccm capacity



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	Max. pumping head	PNEUMATIC 		OPERATING PRESSURE 6 Bar			UNDERWATER OPERATION 		Noise level LpA	Weight
			Delivery outlet	Air consumption	Height	Length	Width	Air inlet	Air outlet		
	m ³ /h	m	mm/inch	m ³ /min	mm	mm	mm			dB(A)	kg
7 1103 0010	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	Max. pumping head	HYDRAULIC 		OPERATING PRESSURE 140 Bar			UNDERWATER OPERATION 		Noise level LpA	Weight
			Delivery outlet	Volume flow	Height	Length	Width	Hydraulic connection			
	m ³ /h	m	mm/Zoll	l/min	mm	mm	mm			dB(A)	kg
7 1104 0010	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	Max. pumping head	HYDRAULIC 		OPERATING PRESSURE 250 Bar			ATEX 		UNDERWATER OPERATION 	
				Delivery outlet	Volume flow	Height	Length	Width	Hydraulic connection	Noise level LpA	Weight	
		m ³ /h	m	mm	l/min	mm	mm	mm		dB(A)	kg	
7 1106 0010	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

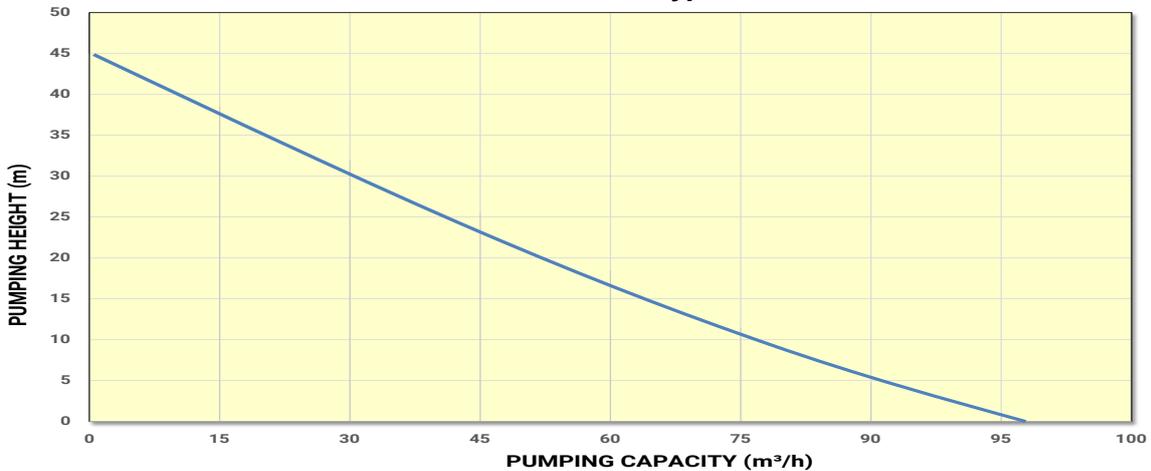
PERFORMANCE CHART Type 7 1103 0010



PERFORMANCE CHART Type 7 1104 0010



PERFORMANCE CHART Type 7 1106 0010



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