

PRODUCT - OVERVIEW

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K SPRITZTECHNIK **T**
KOPPERSCHMID

Topic: High Pressure Pumps TAP

Product: TAP12 to TAP60 Overview

TAP-Pumpen-Überblick_E

Stand: 02/2020

Changes are possible without notice

Product overview of Kopperschmidt TAP pumps:

High pressure pumps TAP are powerful compressed air operated piston pumps, especially designed for hydrostatic pressure tests of pressure lines and pressure tanks which can be operated either stationary or mobile. Because of the utilization of stainless steel and/or zinc plated steel in the pumps fluid section TAP pumps are eminently suitable to operate with water based liquids. TAP pumps come with 2 different dimensions of air motors and 4 different fluid sections. That makes delivery rates of 8,9 Liters/Minute and hydrostatic pressures up to 600 Bar possible.





Overview of different pump variants

Variants:	maximum material pressure at:						Ratio	transfer volume 1	transfer volume 2
	4 Bar	5 Bar	6 Bar	7 Bar	8 Bar	10 Bar			
TAP 12-160		60 Bar			96 Bar	120 Bar	12 : 1	8,9 l/min.	1,90 l/min.
TAP 12-200		100 Bar			160 Bar	---	20 : 1	8,9 l/min.	1,90 l/min.
TAP 20-160		100 Bar			160 Bar	200 Bar	20 : 1	5,4 l/min.	1,10 l/min.
TAP 20-200		150 Bar			240 Bar	---	30 : 1	5,4 l/min.	1,10 l/min.
TAP 40-160		200 Bar			320 Bar	400 Bar	40 : 1	2,72 l/min.	0,60 l/min.
TAP 40-200		300 Bar		400 Bar	---	---	60 : 1	2,72 l/min.	0,60 l/min.
TAP 60-160		300 Bar		400 Bar	---	---	60 : 1	1,76 l/min.	0,40 l/min.
TAP 60-200	400 Bar		600 Bar	---	---	---	100 : 1	1,76 l/min.	0,40 l/min.

transfer volume 1 was determined with open pashing out, transfer volume 2 at a backpressure related to 7 Bar air pressure
Alle Angaben sind ca. Werte und können leicht abweichen

Overview of pump configurations

TAP pumps are available in the following configurations:

Configurations	<u>A1</u>	<u>A2</u>	<u>A3</u>	<u>A4.1</u>
				
Configurations	<u>A4.2</u>	<u>A5.1</u>	<u>A5.2</u>	
	