



2

COMPRESSORS FOR
COMPRESSED
AIR

FILTER WASHING

COMPRESSORS FOR
WATER SUPPLY

$P=7.5\text{ kW}$ $Q=5\text{ l/s}$
 $H=102\text{ m}$
 $P=7.5\text{ kW}$ $Q=3.9\text{ l/s}$
 $H=204\text{ m}$
 $P=11\text{ kW}$ $Q=3.9\text{ l/s}$
 $H=204\text{ m}$
 $P=15\text{ kW}$ $Q=3.9\text{ l/s}$
 $H=204\text{ m}$

$Q=40\text{ l/s}$
 $H=120\text{ m}$
 $P=90\text{ kW}$

$S400-400$
 $Q=228\text{ l/s}$
 $H=8.7\text{ m}$
 $P=30\text{ kW}$

$P=45\text{ kW}$

Pumps for house water supply

0.5 ‰

0.78 ‰

0.5 ‰

138

382

20

150

20



INSTITUTE FOR DEVELOPMENT OF WATER RESOURCES JAROSLAV CERNI
DEPARTMENT FOR WATER SUPPLY, SEWERAGE AND POLLUTION CONTROL

PROJECT:

BOOK 4:

FILTER PLANT

PRELIMINARY DESIGN

PROJECT

MANAGER

RESPONSIBLE

ENGINEER

ENGINEER

DRAWN BY

PHASE:

PRELIMINARY DESIGN

PUMPING STATION – PLAN VIEW

RATIO 1:100

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