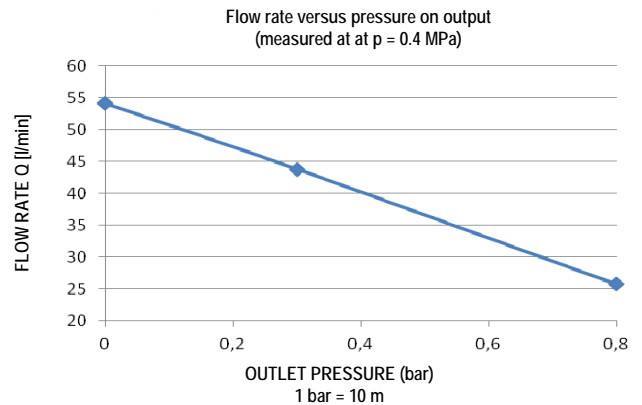


PNEUMATIC SCREW PUMP PCV 4N [Ⓐ]

Use and description:

Pneumatic screw pump **PCV 4N [Ⓐ]** (hereinafter only pump) is used for pumping the high dirty liquids, motor fuels and oils. The particles in a mixture must not exceed \varnothing 5 mm. Transport of liquids containing particle dirty (sand etc.) reduces the live expectancy of the pump working parts (stator and screw). As a handheld tool it is possible to operate the pump under difficult working conditions in cramped workplaces where the compressed air source as a working medium is available.

The pump consists of a pneumatic drive with control mean, which is manufactured from the light metal alloy covered with protective layer **ANTIAl[®]**, what enables to operate it in potentially explosive atmospheres, and of the screw pump.

PCV 4N [Ⓐ]

ANTIAl[®] [Ⓐ] - protective cover layer on handheld tools manufactured from light metal alloys used in potentially explosive atmospheres, which eliminates the ignition of explosive mixture due to mechanical spark at fall of the tool on the rusty steel.

Characteristics:

| Type | PCV 4N [Ⓐ] | |
|--|-----------------------------------|-----------|
| Transport capacity Q, transport head H | see graph P = f (Q) | |
| Max. dimension of single grains | mm | 5 |
| Compressed air pressure | MPa | 0.4 – 0.6 |
| Air consumption (max.) | m ³ .min ⁻¹ | 1.5 |
| Air filtration | μm | 30 |
| Diameter of suction and outlet branches DN | mm | 25 |
| Dimensions (l – w x w) | 660 – 150x260 | |
| Weight | kg | 13.0 |
| Accessory | suction basket | |

Type marking:

PCV 4N [Ⓐ]
 PCV PNEUMATIC SCREW PUMP
 4N type number, inexplusive version
[Ⓐ] protective cover layer AntiAl[®]

The product has been designed and constructed as the equipment group I (mine), category M2 and equipment group II (mine surface installations), category 2 according to the Directive 94/9/EC of the European Parliament and of the Council and meets the requirements for using in areas "dangerous atmospheric conditions 2" according to EN 1127-2+A1 and "zone 1" according to EN 1127-1 on condition that all national regulations of the employer are fulfilled.

U Cementárny 1303/16
 703 00 Ostrava – Vítkovice, Czech Republic
[http:// www.koexpro.cz](http://www.koexpro.cz); www.koexpro.eu

phone: +420 595 782 251, +420 595 782 250
 fax: +420 596 633 923, +420 595 782 249
 e-mail: koexpro@koexpro.cz