

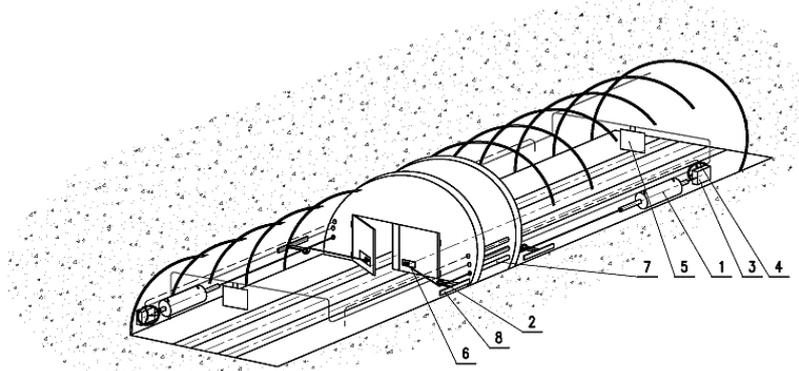
## VENTILATION DOOR OPENING EQUIPMENT Z - HDDP-ZD-5-1

### Use and description:

Ventilation door opening equipment type **Z-HDDP-ZD-5-1** (hereinafter only opening equipment) has been designed and constructed for pneumatically opening two wing ventilation doors 2200 x 2500, drwg. 1/03589 A VVUÚ a.s., Ostrava – Radvanice or for doors of similar type in haulage drift profiles with min. dimensions 00-0-16.

The equipment from the technology point of view is intended only for pair of two wing ventilation doors being part of one air permanent stopping and is independent on the opening equipment being part of other air permanent stopping. It does not content any electrical signalling device. Based on requirement it is possible to deliver similar equipment for opening one wing ventilation door.

**The opening equipment consists of following main parts:** pneumatic cylinder including clamping devices (1), pulley including clamping devices (2), hand rope winch including clamping devices (3), disengaging stranded wire pulley including clamping devices (4), pendant controller (5), ventilation door slat (6), tube for wires going through masonry (7), horizontal profiles P 28 incl. devices for connection to mine support arch profiles (8).



### Characteristics:

Z-HDDP-ZD-5-1

Type	Z-HDDP-ZD-5-1		
Max. pulling force in wire in connection to pneumatic cylinder $\varnothing$ 250/50x1 200			
at pressure	0.40 MPa	kN	18.5
Max. pulling force at hand operation			
force on the wheel circle	400 N	kN	13
	600 N	kN	20
Pulling rope			$\varnothing$ 10, ČSN 02 4370.45
Disengaging wire			$\varnothing$ 4, ČSN 02 4322.45
Working medium	Pressure air, filtrated, lubricated		
Operation pressure		MPa	0.4 ÷ 0.6
Connection			Rd 32
Connecting hoses ID			DN 16
Feeding piping ID			DN 10, 3/8"
Total weight (without pneumatic part)		kg	1 915.0

Type marking: **Z-HDDP-ZD-5-1**

Z EQUIPMENT

HDDP-ZD-5-1 door type marking acc. to its manufacturer (VVUÚ, a.s., Radvanice. Czech Republic)

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

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