

PNEUMATIC HANDLING EQUIPMENT MZP 1,6t; 1/3,2t, 2/5t

USE AND DESCRIPTION:

Pneumatic handling equipment type MZP (hereinafter only handling equipment) is a portable lifting equipment used for vertical handling the loads in mine workplaces (especially in potentially explosive atmospheres) or in workplaces where a compressed air source with necessary parameters is available.

The handling equipment consists of planetary chain hoist with a hanger. It is driven with pneumatic vane motor. The torque on motor shaft is transmitted on the load chain pulley through planetary gear. Stable position of the load is assured by a self acting lamella brake in the motor, which holds the load even in case of compressed air supply interruption. On condition without feeding the compressed air, the lowering the load is don by slowly tightening the nut M 8 on the motor front side. The load chain is a high strength ling chain equipped with hook of necessary loading capacity. It is equipped with safety latch.



CHARACTERISTICS:

Type		MZP 1,6t	MZP 1/3,2t	MZP 2/5t
Loading capacity	t	1,6	3,2	5
Nominal lift	m	2	3	3
Number of load strands		1	1	1
Min. lifting velocity	m.min ⁻¹	0,9	1	0,9
Load chain	DIN 5684	9x27	11x31	11x31
Working medium pressure	MPa	0.4 ÷ 0.6	0.4 ÷ 0.6	0.4 ÷ 0.6
Air consumption at idle operation	m ³ .min ⁻¹	3,7	3,7	3,7
Filtration	µm	55	55	55
Hose ID	mm	16	16	16
L min.	mm	480	600	732
Weight	kg	32,0	48,0	65,0

Type marking: **MZP 1,6t, 1/3,2t, 5t**

MZP	PNEUMATIC HANDLING EQUIPMENT
1/2	one chain strand/two chain strand chain pulley block
1,6t/3,2t/5t	loading capacity

The product has been designed and constructed as the equipment group I (mine), category M2 according to the Directive 2014/34/EU-ATEX 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 on condition that all national regulations of the employer are fulfilled.

