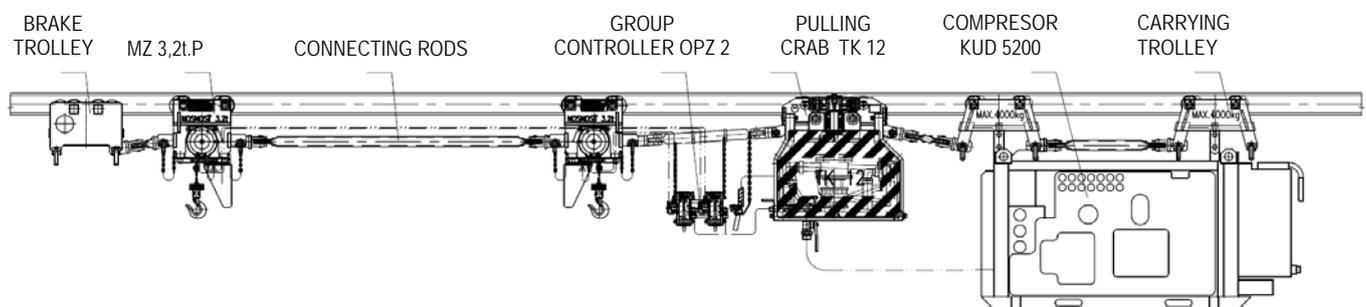


TRAVELLING PNEUMATIC HANDLING EQUIPMENT SET VERSION 2xMZ 3,2t.P, TK12, COMPRESOR

Use and description:

Travelling pneumatic handling equipment type **PMZP** (hereinafter only travelling equipment) is intended for handling (lifting and travel) with loads on the monorail transport system with profile **I 155**. As an example below, the set consists of the monorail pulling crab TK 12 or TK 5.1-800, fed by the diesel compressor hanged on two carrying trolleys. To the pneumatic distribution of the crab two pcs of handling equipment MZ 3,2t.P or MZ 5t.P are connected. For the control of these handling equipment is done with the group controller OPZ 2 is used or with the control unit JOP. In each version the controller is hanged on one of two connecting rods, using which the set parts are interconnected.

The travelling equipment is possible to use individually or in the set with other transport equipment connected in which other using the connecting rods. When operating the equipment on the inclined monorail rout parts it is necessary to use the brake trolley of approved type.



EXAMPLE VERSION PMZP 2x3,2t

Characteristics:

PMZP type		Example version
Working medium		Compressed air, filtrated, lubricated
Operation pressure	MPa	0.4 ÷ 0.6
Monorail route max. inclination	°	± 20°
Travelling speed on horizontal route without load	m.min ⁻¹	24
Monorail profile		I 155
Monorail pulling crab TK 12		
Pulling force	kN	12
Braking force	kN	18
Installed input	kW	2x5
Feeding hose ID	mm	32
Handling equipment MZ 3,2t.P		
Loading capacity	kg	2x3 200
Lifting speed min.	m.min ⁻¹	1
Air consumption at idle running	m ³ .min ⁻¹	2x3.5
Nominal lift	m	3
Feeding hose ID	mm	16
Compressor		
Nominal air pressure	MPa	0.7
Compressed air delivery volume	m ³ .min ⁻¹	5.2 ÷ 7.1

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 national regulations of the employer are fulfilled.