

HANDLING CRAB MK 3,2t

Use and description:

Handling crab is used for handling **MK 3,2t** (lifting. Lowering) the loads on the monorail transport system with profile I 155 in workplaces, where energy source – pressure air with required characteristics is available.

The handling crab consists of pneumatic handling equipment type MZP 1/3,2t and crab 3,2t, which is designed and constructed for travelling on the monorail transport system profile I 155. The crab 3,2t travel motion is through two wheels driven with pneumatic motor. Control is made using pneumatic distributors using four push button controller pendant on the feeding hoses, through which the control of the crab – travel and lifting- is possible by operator staying in safety distance of the load. In the compressed air feeding hose it is necessary to install filter on lubricator.



MK 3,2t

Characteristics:

Type		MK 3,2t
MZP 1/3,2t		
Loading capacity	t	3.2
Lift (nominal)	m	3
Lifting velocity	m.min ⁻¹	1
Load chain (DIN 5684)	mm	∅ 11x31
Air consumption at idle operation	m ³ .min ⁻¹	3.7
Feeding hose ID (DN)	mm	16
Weight	kg	48
Crab 3,2t		
Travel velocity	m.min ⁻¹	10
Motor output	kW	0.8
Air consumption at idle operation	m ³ .min ⁻¹	0.75
Weight	kg	68
Air pressure	MPa	0.4 – 0.6
Filtration	µm	55.0

Type marking: **MK 3,2t**
 MK HANDLING CRAB
 3,2t loading capacity

The product has been designed and constructed as the equipment group I (mine), category M2 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 on condition that all national regulations of the employer are fulfilled.