

PNEUMATIC TRAVELLING CHAIN BLOCKS

KPP 1,6t; 1/3,2t; 2/5t

Use and description:

Pneumatic travelling chain blocks **KPP** are designed for manipulation in the vicinity of the monorail crane track with the load up to 5 t. The chain blocks are designed to withstand heavy duty operation (high temperature, dusty environment). If the "clear" working medium is assured. They are very reliable in operation and require minimum maintenance costs.

KPP chain blocks consist of planet chain block PKV KV 1,6 t up to 5 t, of monorail pneumatic trolley KJP 1,6 t up to 5 t and of control device. The control of the KPP chain block control is using the pneumatic valve, remote push button box or using both control systems, according to the customer requirement.



KPP 1,6t

Characteristics:

Type		KPP 1,6t	KPP 1/3,2t	KPP 2/5t
Motor output lift/travel	kW	1.1/0.8	1.8/0.8	1.8/0.8
Travel speed	m.min ⁻¹	10	10	10
Capacity	t	1.6	3.2	5
Lift	m	2 – acc. to customer's requirement, max. 12		
Working medium		compressed air filtrated and lubricated		
Air pressure	MPa	0.4 ÷ 0.6	0.4 ÷ 0.6	0.4 ÷ 0.6
Idle running air consumption at the pressure of 0.4 MPa lift/travel	m ³ .min ⁻¹	3.0/2.4	3.5/2.4	3.5/2.4
Min. lifting speed	m.min ⁻¹	0.9	0.9	0.45
Range of the operation temperature	°C	-15 ÷ +40	-15 ÷ +40	-15 ÷ +40
Load chain/No. of load strands	mm	ø 9x27/1	ø 11x31/1	ø 11x31/2
Weight	kg	82.0	117.0	138.0

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