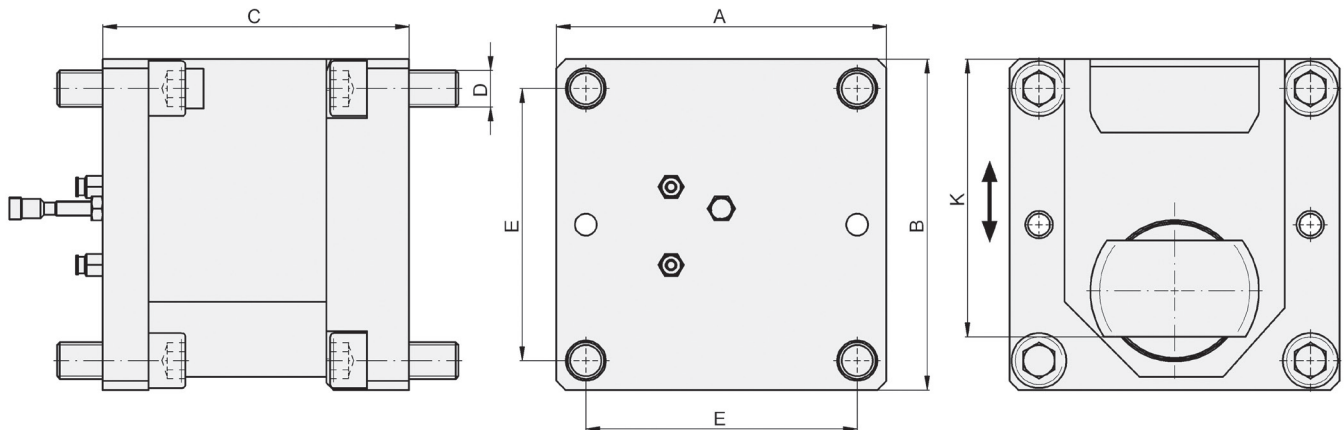


Sectional Rail Coupling I Type PKV-P

vertical linear coupling for automatic or manual clamping



Technical data and dimensions [mm]: measure of length according to DIN ISO 2768 mH

Type	*operating forces				**bending moment [Nm]	mass [kg]	couple distance K	compensation		dimensions [mm]				
	FB [kN]	FBmin [kN]	FV [kN]	FVmin [kN]				horiz.	vert.	width A	height B	length C	bore pattern D E	
PKV-P 80x80	12,5 (18)	3	20 (30)	4,5	1000	2,6	71	1,5	1,5	80	80	80	4x M8 66	
PKV-P 100x100	20 (27)	4	30 (40)	6	2000	4,8	89	2,5	2	100	100	95	4x M10 82	
PKV-P 120x120	30 (45)	6,5	50 (70)	10,5	3000	8,7	105	2,5	2	120	120	120	4x M12 100	
PKV-P 140x140	40 (60)	8,5	65 (90)	14	6500	12	122	3	2,5	140	140	134	4x M14 115	
PKV-P 160x160	50 (75)	11	80 (120)	17,5	7500	18	135	3	2,5	160	160	145	4x M16 132	
PKV-P 180x180	60 (95)	17	100 (150)	28	13000	26	154	4	3	180	180	164	4x M20 148	
PKV-P 200x200	75 (115)	17	125 (190)	28	15000	35	168	5	3,5	200	200	184	4x M20 168	

*FB - tolerable axial operating force at nominal pressure PN = 6 bar (10 bar)

FBmin - minimal operating force at no pressure P = 0 bar

FV - tolerable vertical locking force at PN = 6 bar (10 bar)

FVmin - minimal locking force at no pressure P = 0 bar

**tolerable operating values M x / y / z at nominal pressure PN = 6 bar

materials: tempered steel - nitrated

Note: version with customer-specific energy coupling for supplying the changing rail with power, air booster (does not belong to the scale of delivery) for 10 bar operating pressure or different sectional profiles (A x B) on demand.

order example:

sectional rail coupling

PKV - P - 140 x 140 - active part

Type PKV-P - automatic clamping (pneumatic) _____

Size 140 x 140 - sectional profile _____

active part / passive part _____

