

Oil brake cylinder P40



Also available as a complete, assembled unit with a pneumatic cylinder

Description

In conjunction with pneumatic cylinders, oil brake cylinders ensure a regular advance feed and also control the feed rate. An axial external force is routed to the piston rod, and as a result oil flows through a throttle valve from one cham-

ber to another. Due to the almost constant flow rate of the oil, the speed fluctuations of the pneumatic cylinder under changing load conditions are compensated and neutralised.

Technical data

Valve functions	without fast action + STOP valves	with fast action + STOP valves
Feed rate	30 - 10 000 mm/min	30 - 6 000 mm/min
Feed force	max. 6 000 N	max. 5 000 N

Operating temperature range: -10°C to +70°C

Dimensions

Stroke in mm	Dimensions						
	A	A1	B	B1	L	L1	U
50	135	143	100	133	164	172	35
100	185	193	100	138	214	222	35
150	235	243	120	158	264	272	50
200	285	293	120	158	314	322	50
250	335	343	145	183	364	372	70
300	385	393	145	183	414	422	70
350	435	443	165	203	464	472	90
400	485	493	165	203	514	522	90

Also available with intermediate strokes. Strokes up to 800 mm are available upon request.

