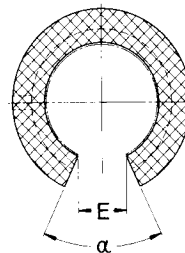
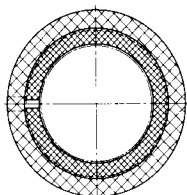
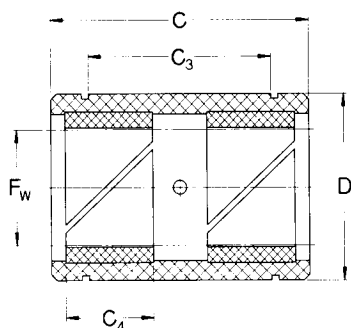


# LPAR/LPAT linear plain bearings

closed and open design

$F_w$  5-50 mm



LPAR linear plain bearing

LPAR design

LPAT design

Dimensions							Basic load ratings			Mass		Designations	
$F_w$	D	C	$C_3$	$C_4$	$E^{1)}$	$\alpha$	dyn. at 0,1 m/s C	stat. 4 m/s C	$C_0$	Design closed	open	Linear plain bearing closed	open
mm	-0,05					Deg.	N			kg		—	
5	12	22	12	7	-	-	280	7	980	0,003	-	<b>LPAR 5</b>	-
8	16	25	14	8	-	-	510	13	1 800	0,005	-	<b>LPAR 8</b>	-
12	22	32	20	10	7,6	78	965	24	3 350	0,012	0,008	<b>LPAR 12</b>	<b>LPAT 12</b>
16	26	36	22	12	10,4	78	1 530	38	5 400	0,016	0,012	<b>LPAR 16</b>	<b>LPAT 16</b>
20	32	45	28	15	10,8	60	2 400	60	8 300	0,03	0,023	<b>LPAR 20</b>	<b>LPAT 20</b>
25	40	58	40	20	13,2	60	4 000	100	14 000	0,06	0,045	<b>LPAR 25</b>	<b>LPAT 25</b>
30	47	68	48	23	14,2	50	5 500	137	19 300	0,09	0,07	<b>LPAR 30</b>	<b>LPAT 30</b>
40	62	80	56	25	18,7	50	8 000	200	28 000	0,20	0,15	<b>LPAR 40</b>	<b>LPAT 40</b>
50	75	100	72	30	23,6	50	12 000	300	41 500	0,34	0,26	<b>LPAR 50</b>	<b>LPAT 50</b>
60	90	125	95	35	29,6	54	16 600	415	60 000	0,63	0,46	<b>LPAR 60</b>	<b>LPAT 60</b>
80	120	165	125	45	38,4	54	29 000	720	100 000	1,50	1,10	<b>LPAR 80</b>	<b>LPAT 80</b>

<sup>1)</sup> Smallest sector width for diameter  $F_w$ .

For axial location and turning stops see pages 16/17. Retaining rings to DIN 471.