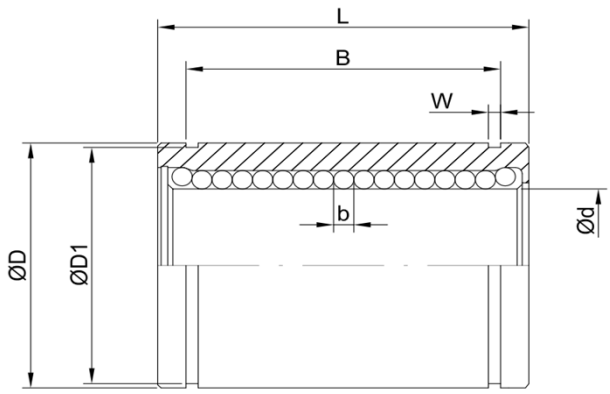
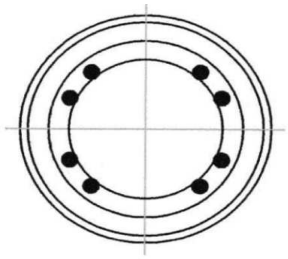
KP - High Load Model

High load linear bearing with gadered lines of balls.
Outer ring in solid steel.
3 tolerances in diameter available for radial clearance adjustment.
Working temperature from -20ºC up to +200ºC, including seals.
Capability to work with low lubrication.
Version available with/without watertight seals.





measures in milimeters

Article Ref.		Ø d	Tolerance Ød	Ø D	Tolerance ØD	L	B	W	Ø D1	Nr. Strokes	Ø b	Dynamic Load Capacity C (N)	Static Load Capacity C_0 (N)	Weight gr.
without Seals	with Seals													
KP12A	KP12AR		0 +0,008		-0,009 0									
KP12B	KP12BR	12	0 +0,004	22	-0,005 0	32 0 -0,2	22,9 0 -0,2	1,30	21,0	6	2,5	670	1210	52
KP12C	KP12CR		-0,004 0		-0,002 +0,002									
KP16A	KP16AR		0 +0,009		-0,009 0									
KP16B	KP16BR	16	0 +0,005	26	-0,005 0	36 0 -0,2	24,9 0 -0,2	1,30	24,9	6	2,5	880	1690	75
KP16C	KP16CR		-0,004 0		-0,002 +0,002									
KP20A	KP20AR		0 +0,009		-0,011 0									
KP20B	KP20BR	20	0 +0,005	32	-0,006 0	45 0 -0,2	31,5 0 -0,2	1,60	30,3	6	3	1500	3050	140
KP20C	KP20CR		-0,004 0		-0,002 +0,002									
KP25A	KP25AR		0 +0,011		-0,011 0									
KP25B	KP25BR	25	0 +0,006	40	-0,006 0	58 0 -0,3	44,1 0 -0,3	1,85	37,5	8	3	1920	4350	298
KP25C	KP25CR		-0,004 0		-0,003 +0,003									
KP30A	KP30AR		0 +0,011		-0,013 0									
KP30B	KP30BR	30	0 +0,006	47	-0,007 0	68 0 -0,3	52,1 0 -0,3	1,85	44,5	8	4	3110	7760	445
KP30C	KP30CR		-0,005 0		-0,003 +0,003									
KP40A	KP40AR		0 +0,013		-0,013 0									
KP40B	KP40BR	40	0 +0,006	62	-0,007 0	80 0 -0,3	60,6 0 -0,3	2,15	59,0	8	4	3400	8940	1025
KP40C	KP40CR		-0,005 0		-0,003 +0,003									