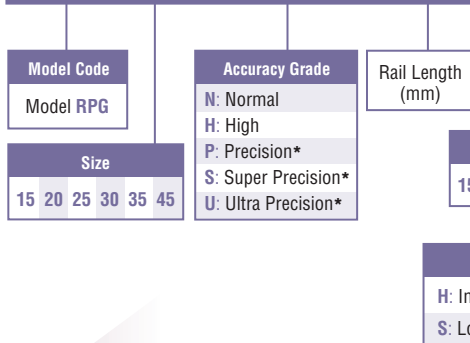


R & RL PRODUCT DIMENSION DATA

Model No.	Assembly (mm / in)				RPGH Block								RPGH Rail			
	H	W	W2	E	L	B	C	MQxA	L1	Oil Hole	T1	N	W1	H1	F	dxDxh
	mm	mm	mm	mm	mm	mm	mm									
RPG15HR	28	34	9.5	2.5	68	26	26	M4x6	40	Ø3	8.3	5	15	14	60	4.5x7.5x5.3
	1.102	1.339	0.374	0.098	2.677	1.024	1.024		1.575							
RPG20HR	30	44	12	2.9	79.8	32	36	M5x8	48.8	M6x1	7	15.6	20	18	60	6x9.5x8.5
	1.181	1.732	0.472	0.114	3.142	1.260	1.417		1.921							
RPG20HRL	30	44	12	5	92.4	32	50	M5x8	63.4	M6x1	7	15.6	20	18	60	6x9.5x8.5
	1.181	1.732	0.472	0.197	3.638	1.260	1.969		2.496							
RPG25HR	40	48	12.5	4.9	90	35	35	M6x10	57	M6x1	11.8	15.6	23	22	60	7x11x9
	1.575	1.890	0.492	0.193	3.543	1.378	1.378		2.244							
RPG25HRL	40	48	12.5	7	110.1	35	50	M6x10	79.1	M6x1	11.8	15.6	23	22	60	7x11x9
	1.575	1.890	0.492	0.276	4.335	1.378	1.969		3.114							
RPG30HR	45	60	16	9	109	40	40	M8x13	72	M6x1	10	15.6	28	26	80	9x14x12
	1.772	2.362	0.630	0.354	4.291	1.575	1.575		2.835							
RPG30HRL	45	60	16	9	131.3	40	60	M8x13	94.3	M6x1	10	15.6	28	26	80	9x14x12
	1.772	2.362	0.630	0.354	5.169	1.575	2.362		3.713							
RPG35HR	55	70	18	7.6	111	50	50	M8x13	80	M6x1	15	15.6	34	29	80	9x14x12
	2.165	2.756	0.709	0.299	4.370	1.969	1.969		3.150							
RPG35HRL	55	70	18	9.5	134.8	50	72	M8x13	105.8	M6x1	15	15.6	34	29	80	9x14x12
	2.165	2.756	0.709	0.374	5.307	1.969	2.835		4.165							
RPG45HR	70	86	20.5	12.05	140.2	60	60	M10x16	105	M8x1	18.5	16	45	38	105	14x20x17
	2.756	3.386	0.807	0.474	5.520	2.362	2.362		4.134							
RPG45HRL	70	86	20.5	14	163	60	80	M10x16	129.8	M8x1	18.5	16	45	38	105	14x20x17
	2.756	3.386	0.807	0.551	6.417	2.362	3.150		5.110							

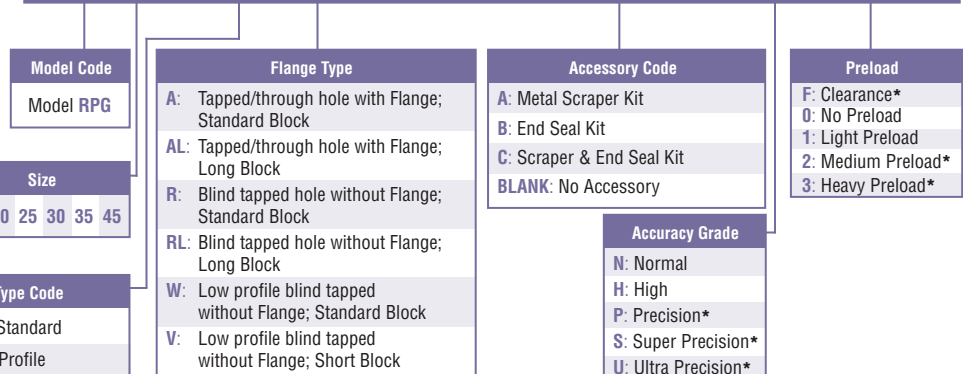
PROFILE LINEAR GUIDE RAIL PART NUMBERING

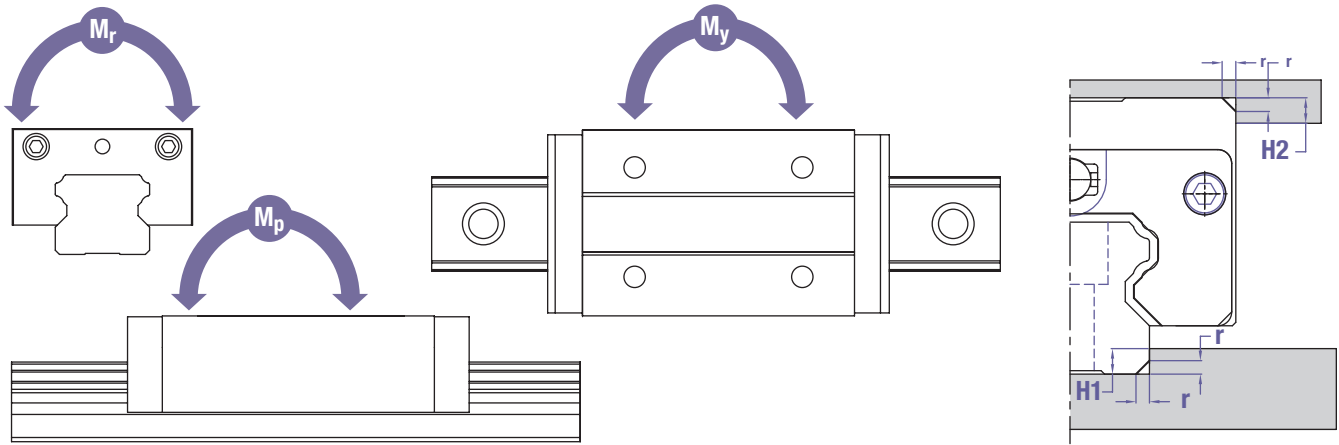
RPG 25 N - 1200



LINEAR BEARING BLOCK PART NUMBERING

RPG 25 H AL B N 1





R & RL PRODUCT PERFORMANCE DATA

Model No.	Ref. Data		Basic Load Rating		Static Moment			Weight		Shoulder Height		Radius
	Lmax†	G	(C ₅₀) Dynamic	(C ₀) Static	M _r	M _p	M _y	Block	Rail	Rail (H1)	Block (H2)	Rail/Block (r)
	mm in	mm in	N lbf	N lbf	Nm ft-lbf	Nm ft-lbf	Nm ft-lbf	Kg lb	Kg/m lb/ft	mm in	mm in	mm in
RPG15HR	4000	20	8336	13239	99	67	67	0.19	1.40	2	5	0.8
	157.480	0.787	1874	2976	73	49	49	0.42	0.94	0.079	0.197	0.031
RPG20HR	4000	20	13729	23536	235	143	143	0.31	2.60	2.4	6	0.8
	157.480	0.787	3086	5291	174	106	106	0.68	1.75	0.094	0.236	0.031
RPG20HRL	4000	20	16181	29420	294	233	233	0.47	2.60	2.4	6	0.8
	157.480	0.787	3638	6614	217	172	172	1.04	1.75	0.094	0.236	0.031
RPG25HR	4000	20	19123	31381	361	224	224	0.45	3.60	4.4	7	1.2
	157.480	0.787	4299	7055	266	165	165	0.99	2.42	0.173	0.276	0.047
RPG25HRL	4000	20	25497	45111	519	446	446	0.56	3.60	4.4	7	1.2
	157.480	0.787	5732	10141	383	329	329	1.23	2.42	0.173	0.276	0.047
RPG30HR	4000	20	27949	47072	659	424	424	0.91	5.20	6.4	8	1.2
	157.480	0.787	6283	10582	486	312	312	2.01	3.49	0.252	0.315	0.047
RPG30HRL	4000	20	35304	62763	879	739	739	1.20	5.20	6.4	8	1.2
	157.480	0.787	7937	14110	648	545	545	2.65	3.49	0.252	0.315	0.047
RPG35HR	4000	20	37756	60801	1034	608	608	1.50	7.20	7.1	9	1.2
	157.480	0.787	8488	13669	762	448	448	3.31	4.84	0.280	0.354	0.047
RPG35HRL	4000	20	47072	81395	1384	1077	1077	1.90	7.20	7.1	9	1.2
	157.480	0.787	10582	18298	1021	794	794	4.19	4.84	0.280	0.354	0.047
RPG45HR	4000	22.5	63743	102970	2317	1351	1351	2.30	12.30	11.5	11	1.6
	157.480	0.886	14330	23149	1709	997	997	5.07	8.27	0.453	0.433	0.063
RPG45HRL	4000	22.5	75511	127486	2868	2068	2068	2.80	12.30	11.5	11	1.6
	157.480	0.886	16976	28660	2116	1525	1525	6.17	8.27	0.453	0.433	0.063

LINEAR BEARING BLOCK ACCESSORIES

RPG 25 SCRAPER

Model Code

Model RPG

Accessory

Scraper: 2 Metal Scrapers
 End Seal: 2 End Seals (New Bolts & Lube Fitting provided if necessary)
 Scraper/SL: 2 Metal Scrapers & 2 End Seals (New Bolts & Lube Fitting provided if necessary)
 Capplugs: Rail Bolt Hole Caps

Size

15 20 25 30 35 45

BOLT TORQUE

Rail Size	Bolt Size	Torque in Steel		Torque in Aluminum	
		Nm	ft-lbf	Nm	ft-lbf
RPG15	M4x16	4	3	2	1.5
RPG20	M5x20	8.8	6.5	4.4	3.25
RPG25	M6x25	13.7	10	6.8	5
RPG30	M8x30	30	22	15	11
RPG35	M8x30	30	22	15	11
RPG45	M12x40	120	88.5	58	42.75

†Lmax Tolerance: @4,000 mm (+0.0/-20mm)

