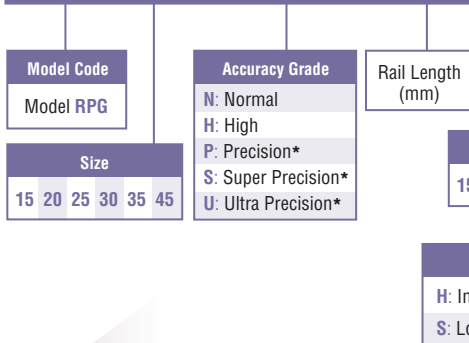


W & V PRODUCT DIMENSION DATA

Model No.	Assembly (mm / in)				RPGH Block							RPGH Rail				
	H mm in	W mm in	W2 mm in	E mm in	L mm in	B mm in	C mm in	MQxA	L1 mm in	Oil Hole	T1 mm in	N mm in	W1 mm in	H1 mm in	F mm in	dxDxh mm in
RPG15SW	24 0.945	34 1.339	9.5 0.374	2.5 0.098	68 2.677	26 1.024	26 1.024	M4x5.6	40 1.575	Ø3	4.3 0.169	5 0.197	15 0.591	14 0.551	60 2.362	4.5x7.5x5.3 .177x.295x.209
RPG15SV	24 0.945	34 1.339	9.5 0.374	4.6 0.181	47.6 1.874	26 1.024		M5x6.4	21.6 0.850	M6x1	4.3 0.169	5 0.197	15 0.591	14 0.551	60 2.362	4.5x7.5x5.3 .177x.295x.209
RPG20SW	28 1.102	42 1.654	11 0.433	2.9 0.114	79.8 3.142	32 1.260	32 1.260	M5x6.4	48.8 1.921	M6x1	5 0.197	15.6 0.614	20 0.787	18 0.709	60 2.362	6x9.5x8.5 .236x.374x.335
RPG20SV	28 1.102	42 1.654	11 0.433	5 0.197	57 2.244	32 1.260		M6x8	28 1.102	M6x1	5 0.197	15.6 0.614	20 0.787	18 0.709	60 2.362	6x9.5x8.5 .236x.374x.335
RPG25SW	33 1.299	48 1.890	12.5 0.492	4.9 0.193	90 3.543	35 1.378	35 1.378	M6x8	57 2.244	M6x1	4.8 0.189	15.6 0.614	23 0.906	22 0.866	60 2.362	7x11x9 .275x.433x.354
RPG25SV	33 1.299	48 1.890	12.5 0.492	7 0.276	62.5 2.461	35 1.378		M6x8	31.5 1.240	M6x1	4.8 0.189	15.6 0.614	23 0.906	22 0.866	60 2.362	7x11x9 .275x.433x.354
RPG30SW	42 1.654	60 2.362	16 0.630	9 0.354	109 4.291	40 1.575	40 1.575	M8x11.5	72 2.835	M6x1	7 0.276	15.6 0.614	28 1.102	26 1.024	80 3.150	9x14x12 .354x.551x.472
RPG30SV	42 1.654	60 2.362	16 0.630	9 0.354	75.6 2.976	40 1.575		M8x11.5	38.6 1.520	M6x1	7 0.276	15.6 0.614	28 1.102	26 1.024	80 3.150	9x14x12 .354x.551x.472
RPG35SW	48 1.890	70 2.756	18 0.709	7.6 0.299	111 4.370	50 1.969	50 1.969	M8x11.2	80 3.150	M6x1	8 0.315	15.6 0.614	34 1.339	29 1.142	80 3.150	9x14x12 .354x.551x.472
RPG35SV	48 1.890	70 2.756	18 0.709	9.5 0.374	74.7 2.941	50 1.969		M8x11.2	45.7 1.799	M8x1	8 0.315	15.6 0.614	34 1.339	29 1.142	80 3.150	9x14x12 .354x.551x.472
RPG45SW	60 2.362	86 3.386	20.5 0.807	12.05 0.474	140.2 5.520	60 2.362	60 2.362	M10x13	105 4.134	M8x1	8.5 0.335	16 0.630	45 1.772	38 1.496	105 4.134	14x20x17 .551x.787x.669

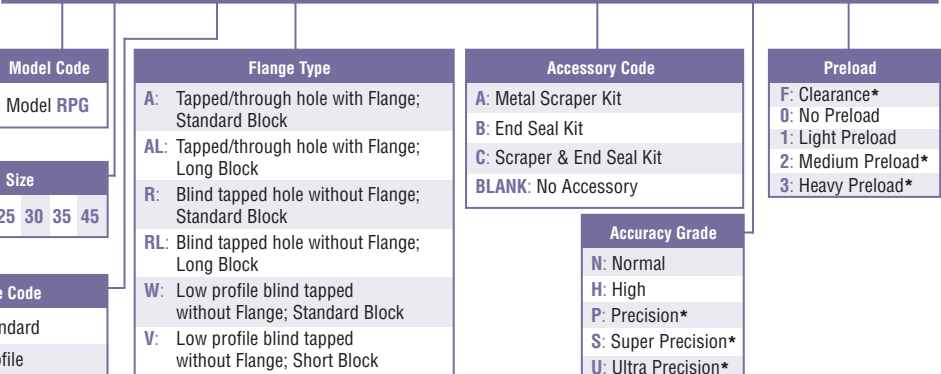
PROFILE LINEAR GUIDE RAIL PART NUMBERING

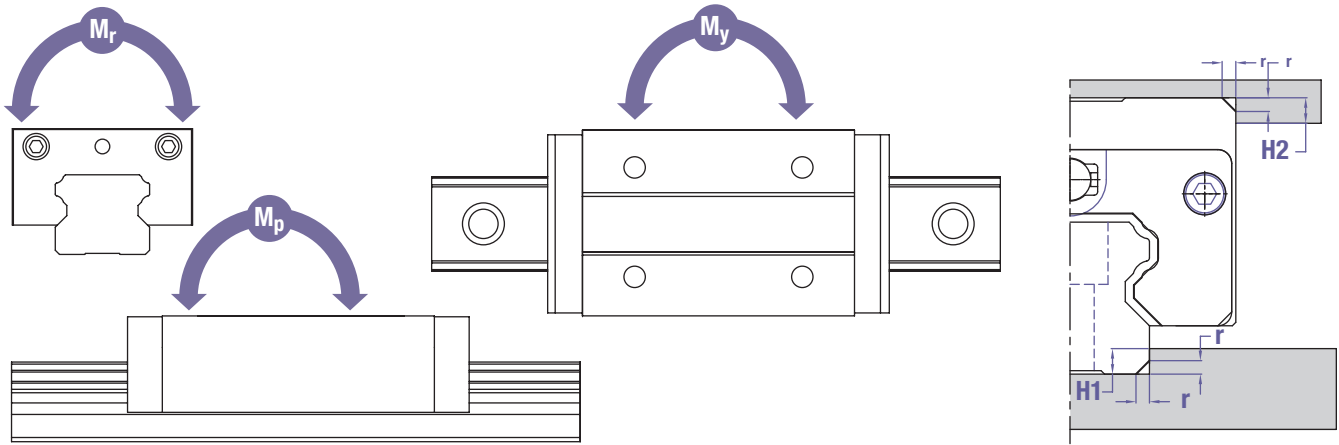
RPG 25 N - 1200



LINEAR BEARING BLOCK PART NUMBERING

RPG 25 H AL B N 1





W & V 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
RPG15SW	4000	20	8336	13239	99	67	67	0.17	1.40	2	5	0.8
	157.480	0.787	1874	2976	73	49	49	0.37	0.94	0.079	0.197	0.031
RPG15SV	4000	20	5099	6669	50	18	18	0.10	1.40	2.4	6	0.8
	157.480	0.787	1146	1499	37	13	13	0.22	0.94	0.094	0.236	0.031
RPG20SW	4000	20	13729	23536	235	143	143	0.26	2.60	2.4	6	0.8
	157.480	0.787	3086	5291	174	106	106	0.57	1.75	0.094	0.236	0.031
RPG20SV	4000	20	9316	13729	69	48	48	0.17	2.60	4.4	7	1.2
	157.480	0.787	2094	3086	51	35	35	0.37	1.75	0.173	0.276	0.047
RPG25SW	4000	20	19123	31381	361	224	224	0.38	3.60	4.4	7	1.2
	157.480	0.787	4299	7055	266	165	165	0.84	2.42	0.173	0.276	0.047
RPG25SV	4000	20	12258	17162	172	68	68	0.21	3.60	6.4	8	1.2
	157.480	0.787	2756	3858	127	50	50	0.46	2.42	0.252	0.315	0.047
RPG30SW	4000	20	27949	47072	659	424	424	0.81	5.20	6.4	8	1.2
	157.480	0.787	6283	10582	486	312	312	1.79	3.49	0.252	0.315	0.047
RPG30SV	4000	20	17162	23536	330	114	114	0.48	5.20	7.1	9	1.2
	157.480	0.787	3858	5291	243	84	84	1.06	3.49	0.280	0.354	0.047
RPG35SW	4000	20	37756	60801	1034	608	608	1.20	7.20	7.1	9	1.2
	157.480	0.787	8488	13669	762	448	448	2.65	4.84	0.280	0.354	0.047
RPG35SV	4000	20	24517	35794	609	205	205	0.80	7.20	11.5	11	1.6
	157.480	0.787	5512	8047	449	151	151	1.76	4.84	0.453	0.433	0.063
RPG45SW	4000	22.5	63743	102970	2317	1351	1351	2.10	12.30	11.5	11	1.6
	157.480	0.886	14330	23149	1709	997	997	4.63	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)

