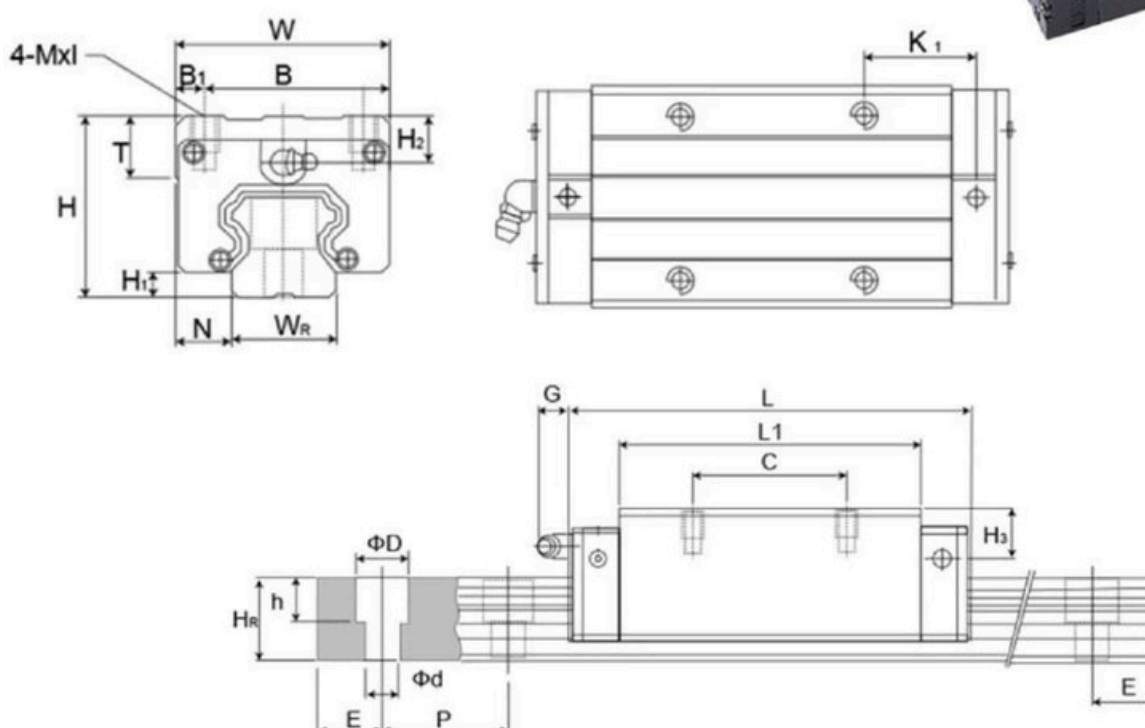


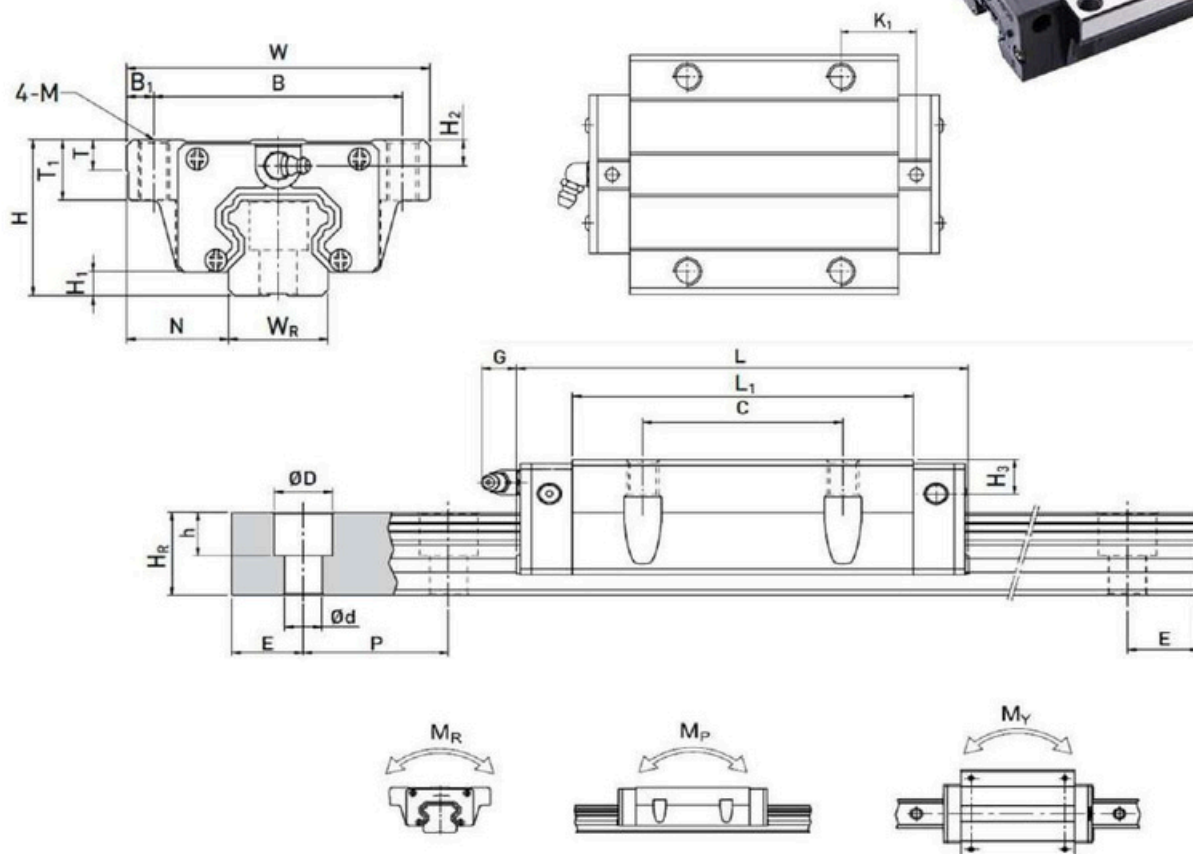
PATIM SEM ABA(PPH, PNH, PAH)



Modelo	H	H ₁	HW	N	W	B	B ₁	C	L ₁	L	K ₁	K ₂	G	Mx1	T	H ₂	H ₃	W _R	H _R	D	h	d	P	E	(mm)	Kgf C	Kgf CO
PPH15	28	4,3	23,7	9.5	34	26	4	26	39.4	61.4	10	4.85	5.3	M4x5	6	7.95	7.7	15	15	7.5	5.3	4.5	60	20	M4x16	1160	1730
PPH20	30	4,6	25,4	12	44	32	6	36	50.5	77.5	12.25	6	12	M5x6	8	6	7	20	17.5	9.5	8.5	6	60	20	M5x16	1810	2830
PPH20A	30	4,6	25,4	12	44	32	6	50	65.2	92.2	12.6	6	12	M5x6	8	6	7	20	17.5	9.5	8.5	6	60	20	M5x16	2159	4027
PPH25	40	5,5	34,5	12.5	48	35	6.5	35	58	84	16.8	6	12	M6x8	8	10	13	23	22	11	9	7	60	20	M6x20	2700	3720
PPH25A	40	5,5	34,5	12.5	48	35	6.5	50	78.6	104.6	19.6	6	12	M6x8	8	10	13	23	22	11	9	7	60	20	M6x20	3339	5041
PPH30	45	6	39	16	60	40	10	40	70	97.4	20.25	6	12	M8x10	8.5	9.5	13.8	28	26	14	12	9	80	20	M8x25	3950	5321
PPH30A	45	6	39	16	60	40	10	60	93	120.4	21.75	6	12	M8x10	8.5	9.5	13.8	28	26	14	12	9	80	20	M8x25	4820	7052
PPH35	55	7,5	47,5	18	70	50	10	50	80	112.4	20.6	7	12	M8x12	10.2	16	19.6	34	29	14	12	9	80	20	M8x25	5049	7052
PPH35A	55	7,5	47,5	18	70	50	10	72	105.8	138.2	22.5	7	12	M8x12	10.2	16	19.6	34	29	14	12	9	80	20	M8x25	6139	9343
PPH45	70	9,5	60,5	20.5	86	60	13	60	97	139.4	23	10	12.9	M10x17	16	18.5	30.5	45	38	20	17	14	105	22.5	M12x35	7909	10473
PPH45A	70	9,5	60,5	20.5	86	60	13	80	128.8	171.2	28.9	10	12.9	M10x17	16	18.5	30.5	45	38	20	17	14	105	22.5	M12x35	9640	13915
PPH55	80	13	67	23.5	100	75	12.5	75	117.7	166.7	27.35	11	12.9	M12x18	17.5	22	29	53	44	23	20	16	120	30	M14x45	11669	15125
PPH55A	80	13	67	23.5	100	75	12.5	95	155.8	204.8	36.4	11	12.9	M12x18	17.5	22	29	53	44	23	20	16	120	30	M14x45	14209	20006

(mm): Parafuso Trilho Kg f C: Carga Dinâmica Kg f CO: Carga Estática PPH..A: Alongado HW: Altura do Patim

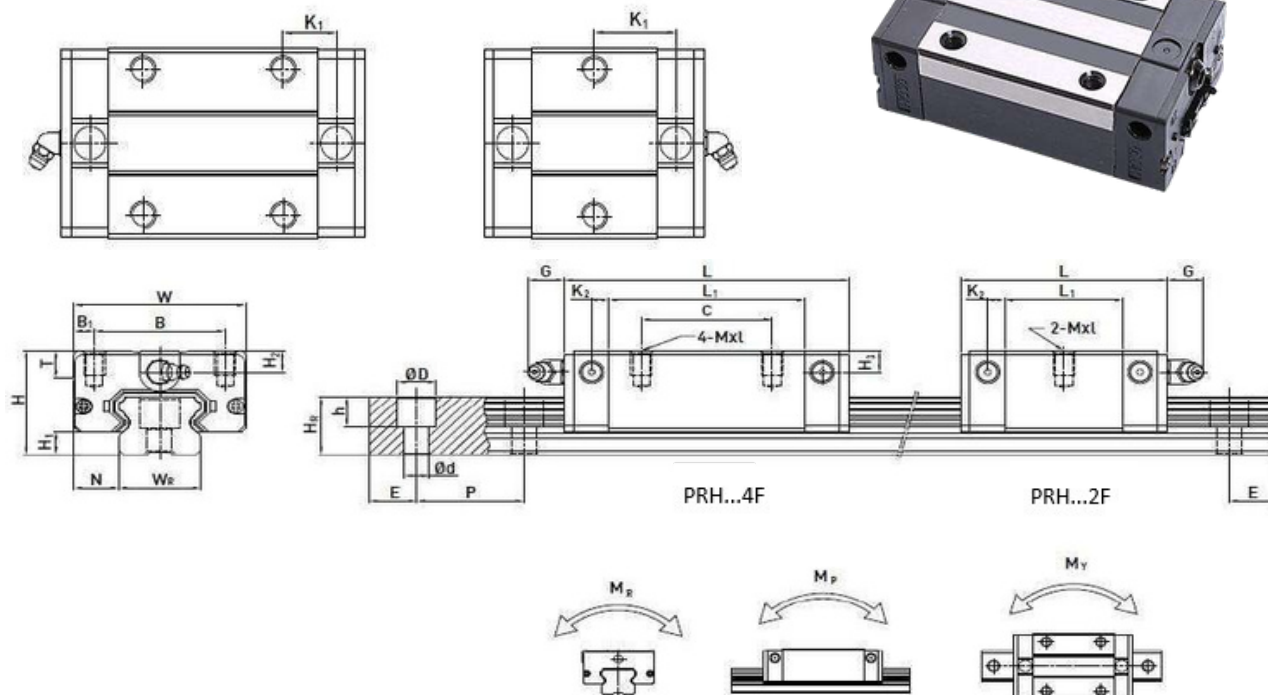
PATIM COM ABA (PPW, PNW, PAW)



Modelo	H	H1	HW	N	W	B	B1	C	L1	L	K1	K2	G	M	T	T1	H2	H3	WR	HR	D	h	d	P	E	(mm)	Kgf C	Kgf CO
PPW15	24	4.3	19.7	16	47	38	4.5	30	39.4	61.4	8	4.85	5.3	M5	6	8.9	3.95	3.7	15	15	7.5	5.3	4.5	60	20	M4x16	1160	1730
PPW20	30	4.6	25.4	21.5	63	53	5	40	50.5	77.5	10.25	6	12	M6	8	10	6	7	20	17.5	9.5	8.5	6	60	20	M5x16	1810	2830
PPW20A	30	4.6	25.4	21.5	63	53	5	40	65.2	92.2	17.6	6	12	M6	8	10	6	7	20	17.5	9.5	8.5	6	60	20	M5x16	2159	3660
PPW25	36	5.5	30.5	23.5	70	57	6.5	45	58	84	11.8	6	12	M8	8	14	6	9	23	22	11	9	7	60	20	M6x20	2730	3720
PPW25A	36	5.5	30.5	23.5	70	57	6.5	45	78.6	104.6	22.1	6	12	M8	8	14	6	9	23	22	11	9	7	60	20	M6x20	3339	5041
PPW30	42	6	36	31	90	72	9	52	70	97.4	14.25	6	12	M10	8.5	16	6.5	10.8	28	26	14	12	9	80	20	M8x25	3950	5321
PPW30A	42	6	36	31	90	72	9	52	93	120.4	25.75	6	12	M10	8.5	16	6.5	10.8	28	26	14	12	9	80	20	M8x25	4820	7052
PPW35	48	7.5	40.5	33	100	82	9	62	80	112.4	14.6	7	12	M10	10.1	18	9	12.6	34	29	14	12	9	80	20	M8x25	5049	7052
PPW35A	48	7.5	40.5	33	100	82	9	62	105.8	138.2	27.5	7	12	M10	10.1	18	9	12.6	34	29	14	12	9	80	20	M8x25	6139	9343
PPW45	60	9.5	50.5	37.5	120	100	10	80	97	139.4	13	10	12.9	M12	15.1	22	8.5	20.5	45	38	20	17	14	105	22.5	M12x35	7909	10473
PPW45A	60	9.5	50.5	37.5	120	100	10	80	128.8	171.2	28.9	10	12.9	M12	15.1	22	8.5	20.5	45	38	20	17	14	105	22.5	M12x35	9640	13912
PPW55	70	13	57	43.5	140	116	12	95	117.7	166.7	17.35	11	12.9	M14	17.5	26.5	12	19	53	44	23	20	16	120	30	M14x45	11669	15125
PPW55A	70	13	57	43.5	140	116	12	95	158.8	204.8	36.4	11	12.9	M14	17.5	26.5	12	19	53	44	23	20	16	120	30	M14x45	14209	20006

(mm): Parafuso Trilho Kgf C: Carga Dinâmica Kgf CO: Carga Estática PPW..A: Alongado HW: Altura do Patim

PATIM SEM ABA – PERFIL BAIXO (PRH)



Modelo	H	H1	HW	N	W	B	B1	C	L1	L	K1	K2	G	MxL	T	H2	H3	WR	HR	D	h	d	P	E	(mm)	Kgf C	Kgf CO
PRH15..2F	24	4,5	19,5	9.5	34	26	4	-	23.1	40.1	14.8	3.5	5.7	M4x6	6	5.5	6	15	12.5	6	4.5	3.5	60	20	M3x16	872	896
PRH15..4F								26	39.8	56.8	10.15															1277	1558
PRH20..2F	28	6	22	11	42	32	5	-	29	50	18.75	4.15	12	M5x7	7.5	6	6	20	15.5	9.5	8.5	6	60	20	M5x16	1179	1242
PRH20..4F								32	48.1	69.1	12.3															1682	2060
PRH25..2F	33	7	26	12.5	48	35	6.5	-	35.5	59.1	21.9	4.55	12	M6x9	8	8	8	23	18	11	9	7	60	20	M6x20	1859	1927
PRH25..4F								35	59	82.6	16.15															2654	3211
PRH30..2F	42	10	32	16	60	40	10	-	41.5	69.5	26.75	6	12	M8x12	9	8	9	28	23	11	9	7	80	20	M6x25	2678	2836
PRH30..4F								40	70.1	98.1	21.05															3866	4754
PRH35..2F	48	11	37	18	70	50	10	-	45	75	28.5	7	12	M8x12	10	8.5	8.5	34	27.5	14	12	9	80	20	M8x25	3710	3714
PRH35..4F								50	78	108	20															5218	6044

(mm): Parafuso Trilho

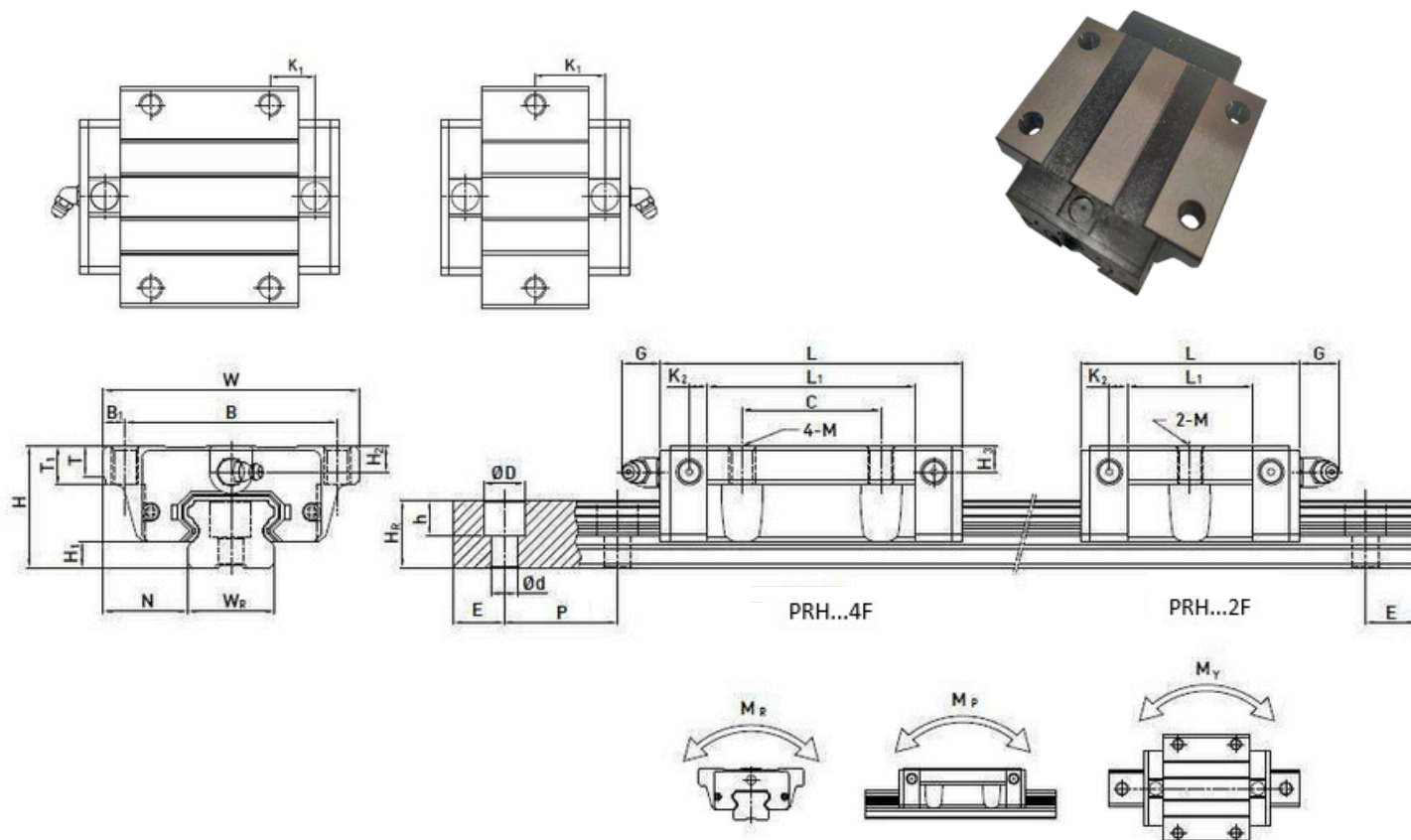
Kgf C : Capacidade Carga Dinâmica

Kgf CO: Capacidade

Carga Estática HW: Altura do patim

PRH..4F: Padrão PRH..2F: Curto

PATIM COM ABA – PERFIL BAIXO (PRW)



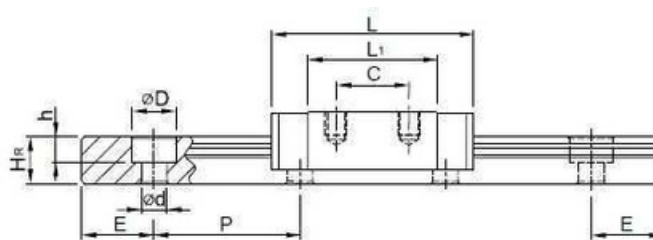
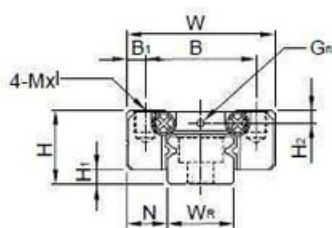
Modelo	H	H ₁	HW	N	W	B	B ₁	C	L ₁	L	K ₁	K ₂	G	M	T	T ₁	H ₂	H ₃	WR	HR	D	h	d	P	E	(mm)	Kgf C	Kgf CO
PRW15..2F	24	4,5	19,5	18,5	52	41	5,5	-	23.1	40.1	14.8	3.5	5.7	M5	5	7	5.5	6	15	12.5	6	4.5	3.5	60	20	M3x16	872	896
PRW15..4F	24	4,5	19,5	18,5	52	41	5,5	26	39.8	56.8	10.15	3.5	5.7	M5	5	7	5.5	6	15	12.5	6	4.5	3.5	60	20	M3x16	1277	1558
PRW20..2F	28	6	22	19.5	59	49	5	-	29	50	18.75	4.15	12	M6	7	9	6	6	20	15.5	9.5	8.5	6	60	20	M5x16	1179	1242
PRW20..4F	28	6	22	19.5	59	49	5	32	48.1	69.1	12.3	4.15	12	M6	7	9	6	6	20	15.5	9.5	8.5	6	60	20	M5x16	1682	2060
PRW25..2F	33	7	26	25	73	60	6.5	-	35.5	59.1	21.9	4.55	12	M8	7.5	10	8	8	23	18	11	9	7	60	20	M6x20	1859	1927
PRW25..4F	33	7	26	25	73	60	6.5	35	59	82.6	16.15	4.55	12	M8	7.5	10	8	8	23	18	11	9	7	60	20	M6x20	2654	3211
PRW30..2F	42	10	32	31	90	72	9	-	41.5	69.5	26.75	6	12	M10	7	10	8	9	28	23	11	9	7	80	20	M6x25	2678	2836
PRW30..4F	42	10	32	31	90	72	9	40	70.1	98.1	21.05	6	12	M10	7	10	8	9	28	23	11	9	7	80	20	M6x25	3866	4754
PRW35..2F	48	11	37	33	100	82	9	-	45	75	28.5	7	12	M10	10	13	8.5	8.5	34	27.5	14	12	9	80	20	M8x25	3710	3714
PRW35..4F	48	11	37	33	100	82	9	50	78	108	20	7	12	M10	10	13	8.5	8.5	34	27.5	14	12	9	80	20	M8x25	5218	6044

(mm): Parafuso Trilho Kgf C : Capacidade Carga Dinâmica Kgf CO: Capacidade Carga Estática

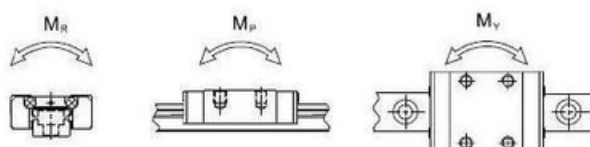
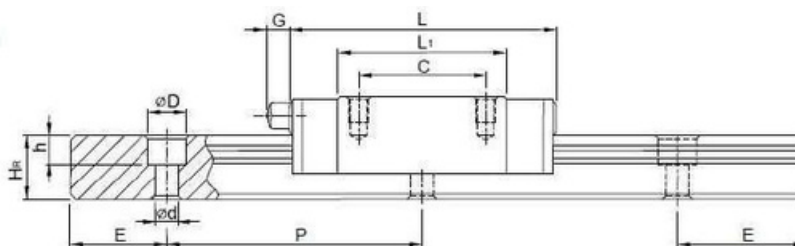
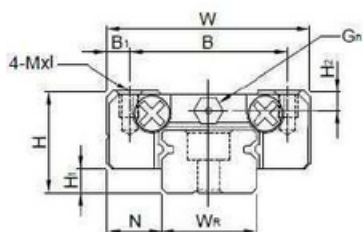
HW: Altura do Patim PRW..4F: Padrão PRW..2F: Curto

Patim Série Mini - PMH

PMH7, PMH9, PMH12



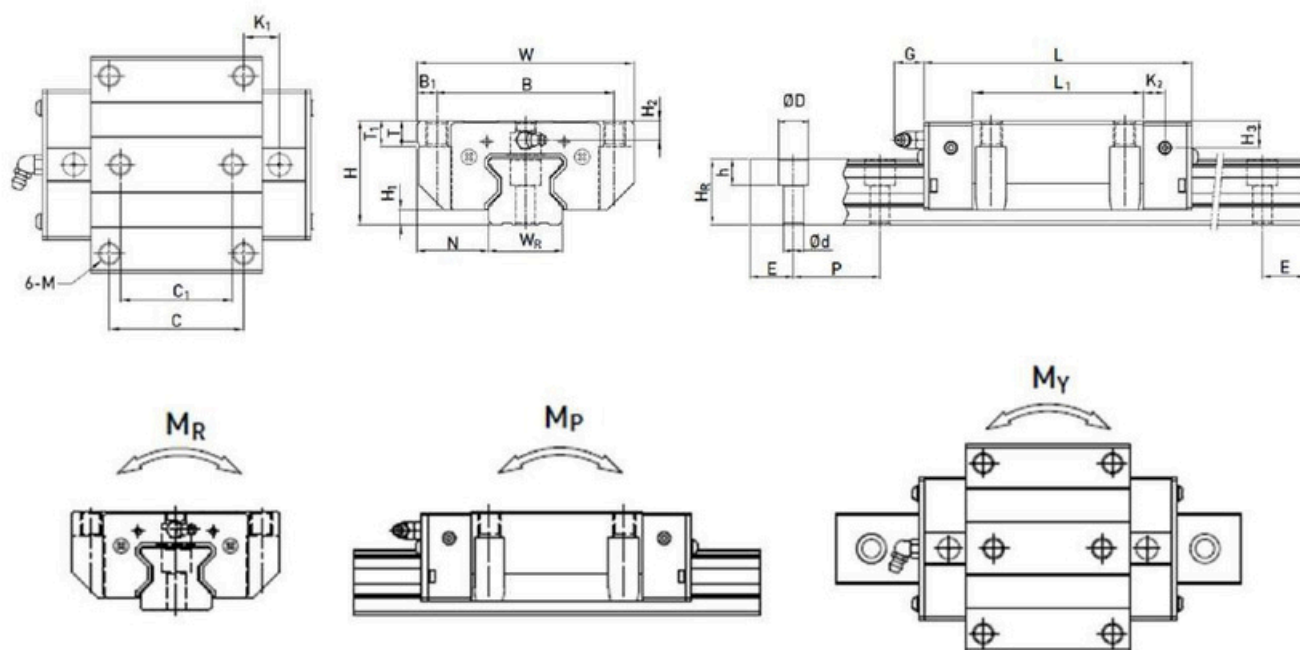
PMH15



Modelo	H	H1	HW	N	W	B	B1	C	L1	L	G	GN	Mxl	H2	WR	HR	D	h	d	P	E	(mm)	Kgf C	Kgf CO
PMH 7C	8	1,5	6,5	5	17	12	2,5	8	13,5	22,5	-	Ø 1,2	M2x2,5	1,5	7	4,8	4,2	2,3	2,4	15	5	M2x6	99	126
PMH 7A	8	1,5	6,5	5	17	12	2,5	13	21,8	30,8	-	Ø 1,2	M2x2,5	1,5	7	4,8	4,2	2,3	2,4	15	5	M2x6	139	199
PMH 9C	10	2	8	5,5	20	15	2,5	10	18,9	28,9	-	Ø 1,4	M3x3	1,8	9	6,5	6	3,5	3,5	20	7,5	M3x8	189	260
PMH 9A	10	2	8	5,5	20	15	2,5	16	29,9	39,9	-	Ø 1,4	M3x3	1,8	9	6,5	6	3,5	3,5	20	7,5	M3x8	260	409
PMH 12C	13	3	10	7,5	27	20	3,5	15	21,7	34,7	-	Ø 2	M3x3,5	2,5	12	8	6	4,5	3,5	25	10	M3x8	289	399
PMH 12A	13	3	10	7,5	27	20	3,5	20	32,4	45,4	-	Ø 2	M3x3,5	2,5	12	8	6	4,5	3,5	25	10	M3x8	379	599
PMH 15C	16	4	12	8,5	32	25	3,5	20	26,7	42,1	4,5	M3	M3x4	3	15	10	6	4,5	3,5	40	15	M3x10	470	570
PMH 15A	16	4	12	8,5	32	25	3,5	25	43,4	58,8	4,5	M3	M3x4	3	15	10	6	4,5	3,5	40	15	M3x10	649	928

PMH..C: Patim tamanho normal PMH..A: Patim tamanho alongado (mm): Parafuso Trilho
HW: Altura do Patim Kgf C: Carga Dinâmica Kgf CO: Carga Estática

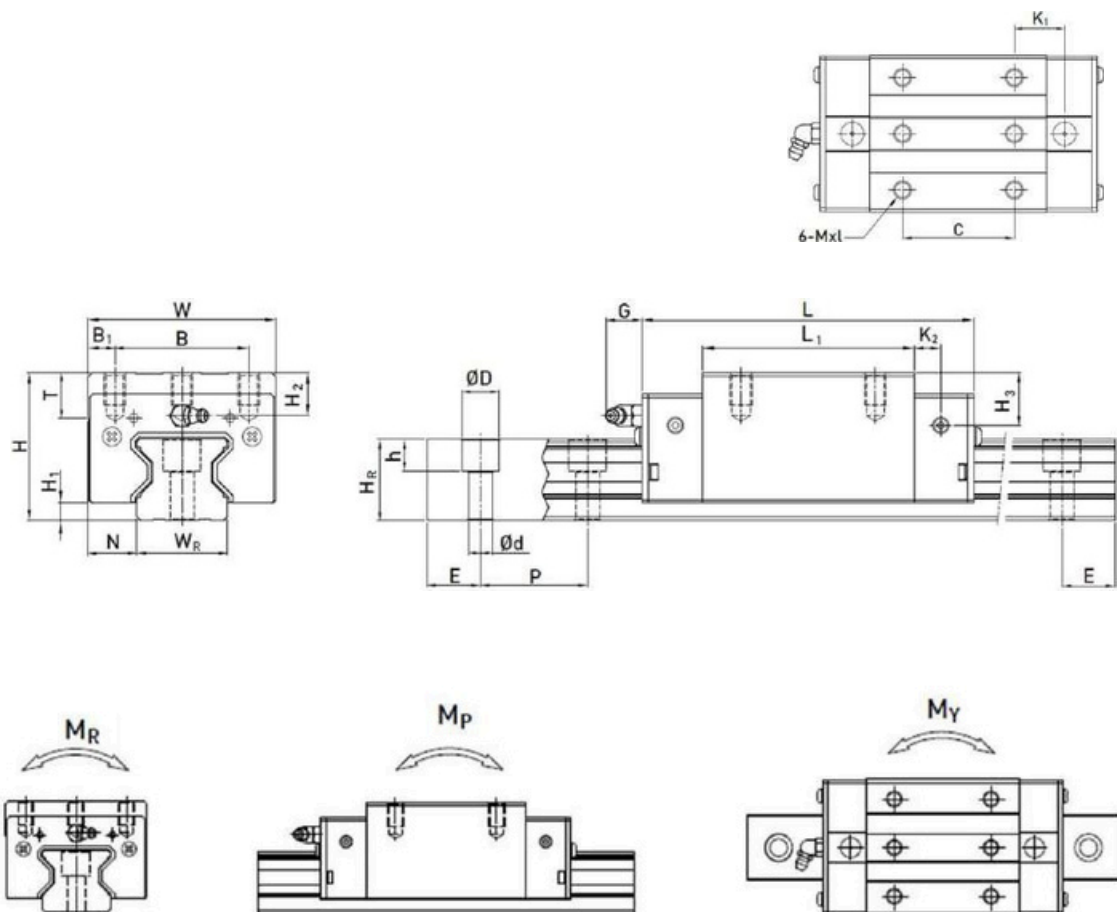
PATIM DE ROLOS COM ABA_(PROW)



Modelo	H	H ₁	HW	N	W	B	B ₁	C	C ₁	L ₁	L	K ₁	K ₂	G	M	T	T ₁	H ₂	H ₃	W _R	H _R	D	h	d	P	E	(mm)	Kgf C	Kgf CO
PROW15	24	4	20	16	47	38	4.5	30	26	45	68	11.4	4.7	5.3	M5	6	6.95	3.6	6.1	15	16.5	7.5	5.7	4.5	30	20	M4x16	1152	2443
PROW20	30	5	25	21.5	63	53	5	40	35	57.5	86	13.8	6	5.3	M6	8	10	4.3	4.3	20	21	9.5	8.5	6	30	20	M5x20	2172	4762
PROW20A	30	5	25	21.5	63	53	5	40	35	77.5	106	23.8	6	5.3	M6	8	10	4.3	4.3	20	21	9.5	8.5	6	30	20	M5x20	2743	6424
PROW25	36	5,5	30,5	23.5	70	57	6.5	45	40	64.5	97.9	15.75	7.25	12	M8	9.5	10	6.2	6	23	23.6	11	9	7	30	20	M6x20	2824	5822
PROW25A	36	5,5	30,5	23.5	70	57	6.5	45	40	81	114.4	24	7.25	12	M8	9.5	10	6.2	6	23	23.6	11	9	7	30	20	M6x20	3456	7484
PROW30	42	6	36	31	90	72	9	52	44	71	109.8	17.5	8	12	M10	9.5	10	6.5	7.3	28	28	14	12	9	40	20	M8x25	3987	8371
PROW30A	42	6	36	31	90	72	9	52	44	93	131.8	28.5	8	12	M10	9.5	10	6.5	7.3	28	28	14	12	9	40	20	M8x25	4904	10707
PROW35	48	6,5	41,5	33	100	82	9	62	52	79	124	16.5	10	12	M10	12	13	9	12.6	34	30.2	14	12	9	40	20	M8x25	5893	10727
PROW35A	48	6,5	41,5	33	100	82	9	62	52	106.9	151.5	30.25	10	12	M10	12	13	9	12.6	34	30.2	14	12	9	40	20	M8x25	7454	14480
PROW45	60	8	52	37.5	120	100	10	80	60	106	153.2	21	10	12.9	M12	14	15	10	14	45	38	20	17	14	52.5	22.5	M12x35	9442	18232
PROW45A	60	8	52	37.5	120	100	10	80	60	139.8	187	37.9	10	12.9	M12	14	15	10	14	45	38	20	17	14	52.5	22.5	M12x35	11828	23545
PROW55	70	10	60	43.5	140	116	12	95	70	125.5	183.7	27.75	12.5	12.9	M14	16	17	12	17.5	53	44	23	20	16	60	30	M14x45	13307	25696
PROW55A	70	10	60	43.5	140	116	12	95	70	173.8	232	51.9	12.5	12.9	M14	16	17	12	17.5	53	44	23	20	16	60	30	M14x45	17110	35486

PROW: Patim tamanho normal PROW..A: Patim tamanho alongado (mm):Parafuso Trilho
HW: Altura do Patim Kg f C: Carga Dinâmica Kg f CO: Carga Estática

PATIM DE ROLOS SEM ABA (PROH)



Modelo	H	H ₁	HW	N	W	B	B ₁	C	L ₁	L	K ₁	K ₂	G	M	T	H ₂	H ₃	WR	H _R	D	h	d	P	E	(mm)	Kgf C	Kgf CO
PROH15	28	4	24	9.5	34	26	4	26	45	68	13.4	4.7	5.3	M4x8	6	7.6	10.1	15	16.5	7.5	5.7	4.5	30	20	M4x16	1152	2447
PROH20	34	5	29	12	44	32	6	36	57.5	86	15.8	6	5.3	M5x8	8	8.3	8.3	20	21	9.5	8.5	6	30	20	M5x20	2172	4762
PROH20A	34	5	29	12	44	32	6	50	77.5	106	18.8	6	5.3	M5x8	8	8.3	8.3	20	21	9.5	8.5	6	30	20	M5x20	2743	6424
PROH25	40	5,5	34,5	12.5	48	35	6.5	35	64.5	97.9	20.75	7.25	12	M6x8	9.5	10.2	10	23	23.6	11	9	7	30	20	M6x20	2824	5822
PROH25A	40	5,5	34,5	12.5	48	35	6.5	50	81	114.4	21.5	7.25	12	M6x8	9.5	10.2	10	23	23.6	11	9	7	30	20	M6x20	3456	7484
PROH30	45	6	39	16	60	40	10	40	71	109.8	23.5	8	12	M8x10	9.5	9.5	10.3	28	28	14	12	9	40	20	M8x25	3987	8371
PROH30A	45	6	39	16	60	40	10	60	93	131.8	24.5	8	12	M8x10	9.5	9.5	10.3	28	28	14	12	9	40	20	M8x25	4904	10707
PROH35	55	6,5	48,5	18	70	50	10	50	79	124	22.5	10	12	M8x12	12	16	19.6	34	30.2	14	12	9	40	20	M8x25	5694	10727
PROH35A	55	6,5	48,5	18	70	50	10	72	106.5	151.5	25.25	10	12	M8x12	12	16	19.6	34	30.2	14	12	9	40	20	M8x25	7454	14480
PROH45	70	8	62	20.5	86	60	13	60	106	153.2	31	10	12.9	M10x17	16	20	24	45	38	20	17	14	52.5	22.5	M12x35	9442	18232
PROH45A	70	8	62	20.5	86	60	13	80	139.8	187	37.9	10	12.9	M10x17	16	20	24	45	38	20	17	14	52.5	22.5	M12x35	11828	23545
PROH55	80	10	70	23.5	100	75	12.5	75	125.5	183.7	37.75	12.5	12.9	M12x18	17.5	22	27.5	53	44	23	20	16	60	30	M14x45	13307	25696
PROH55A	80	10	70	23.5	100	75	12.5	95	173.8	232	51.9	12.5	12.9	M12x18	17.5	22	27.5	53	44	23	20	16	60	30	M14x45	17110	35486

PROH: Patim tamanho normal PROH..A: Patim tamanho alongado (mm):Parafuso Trilho
HW: Altura do Patim Kg C: Carga Dinâmica Kg CO: Carga Estática