

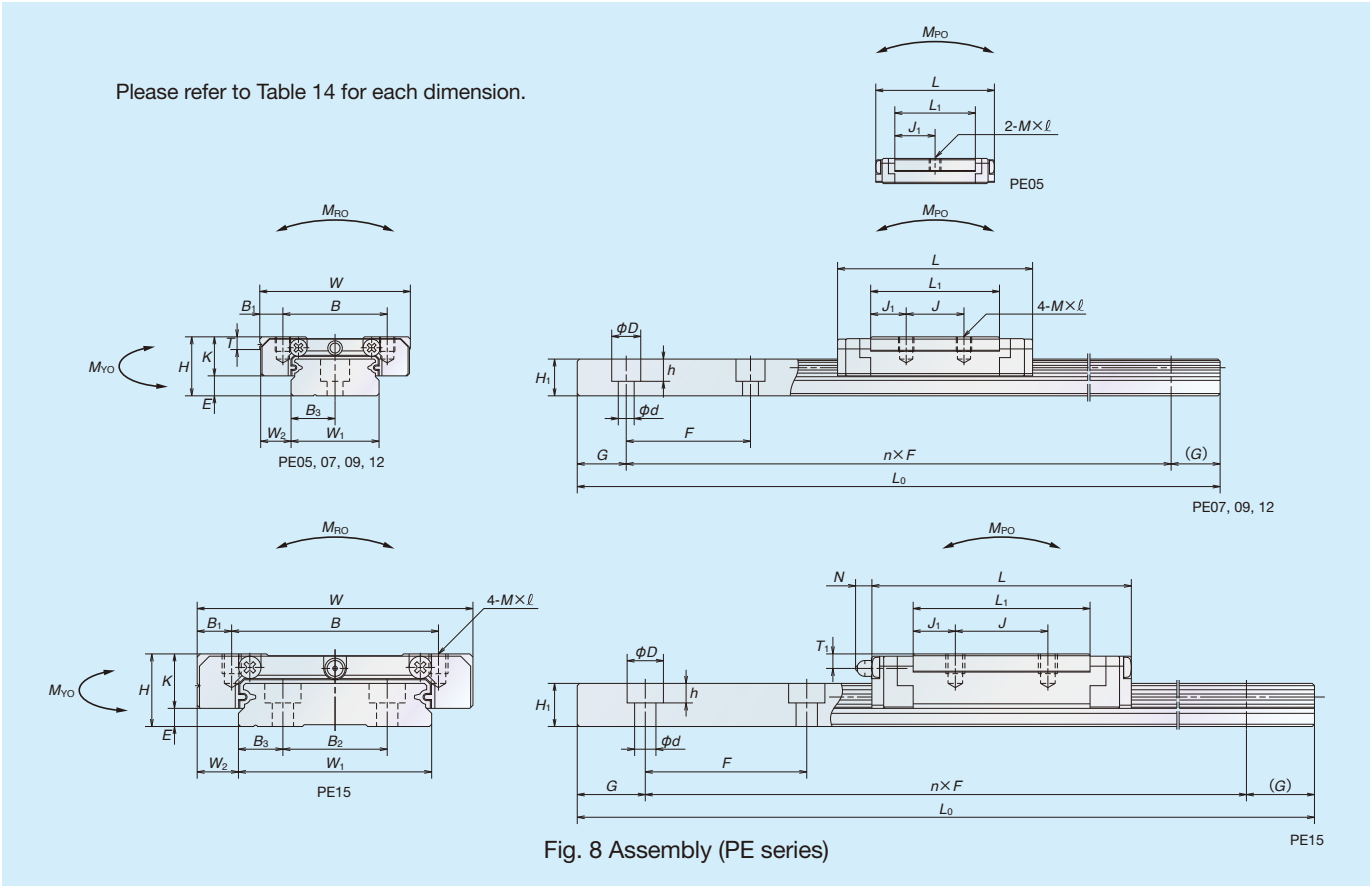
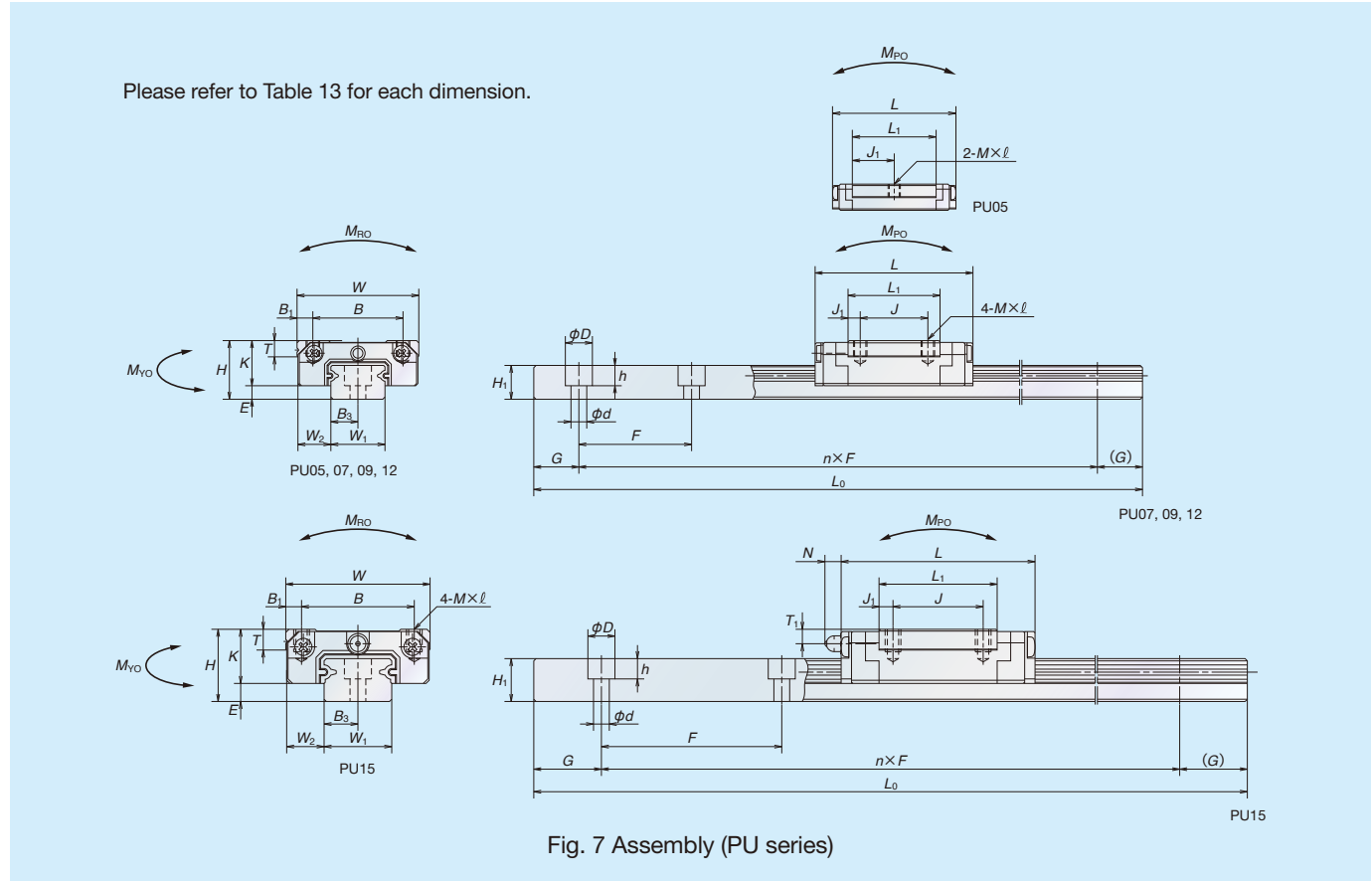


Table 13 Dimensions (PU series)

Model No.	Random-matching type	Assembly			Ball slide													Rail							Basic load rating (*2)							Ball diameter	Weight																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
		Height			Width	Length	Mounting hole									Oil hole			Width	Height	Pitch	Mounting bolt hole		G	Maximum length	Dynamic	Static	Static moment (N-m)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					

○: Random-matching type is available.

(*1) Drive-In grease fitting for ∅3 is available to PU15.

(*2) Basic dynamic load rating is a load that allows for a 50-km rating fatigue life and is a vertical and constant load on the ball slide mounting surface.

To convert C to C_{100} for a 100-km rating fatigue life, divide C by 1.26.

To fix rails of PU05TR, use M2 × 0.4 cross-recessed pan head machine screw for precision instrument.

(JCIS 10-70 No. 0 pan head machine screw No. 1)

(JCIS: Japanese Camera Industrial Standard)

Table 14 Dimensions (PE series)

Model No.	Random-matching type	Assembly			Ball slide													Rail								Basic load rating (*4)								Ball diameter	Weight					
		Height			Width	Length	Mounting hole								Oil hole			Width	Height		Pitch	Mounting bolt hole		G	Maximum length	Dynamic	Static	Static moment (N-m)					Ball slide	Rail						
									M×Pitch×ℓ																			Hole diameter	T ₁	N	C				C ₀	M _{RO}	M _{PO}		M _{VO}	
																																					one slide	two slides in close contact	one slide	two slides in close contact
H	E	W ₂	W	L	B	J	M×Pitch×ℓ	B ₁	L ₁	J ₁	K	T	Hole diameter	T ₁	N	W ₁	H ₁	B ₂	F	d×D×h	B ₃	(Reference)	L _{0max}	C (N)	C ₀ (N)	M _{RO}	one slide	two slides in close contact	one slide	two slides in close contact	D _w	(g)	(g/100 mm)							
PE05AR	—	6.5	1.4	3.5	17	24.1	13	—	M2.5×0.45×1.5	2	16.4	8.2	5.1	2.5	∅0.9	1.3	—	10	4	—	20	3×5×1.6	5	7.5	150	690	1 160	6.00	2.75	17.5	2.75	17.5	1	7	34					
PE07TR	—	9	2	5.5	25	31.1	19	10	M3×0.5×2.8	3	20.8	5.4	7	3	∅1.9	1.9	—	14	5.2	—	30	3.5×6×3.2	7	10	600	1 580	2 350	16.7	7.20	46.0	7.20	46.0	1.5875	19	55					
PE09TR	○	12	4	6	30	39.8	21	12	M3×0.5×3	4.5	26.6	7.3	8	2.8	∅2	2.3	—	18	7.5	—	30	3.5×6×4.5	9	10	800	3 000	4 500	36.5	17.3	113	17.3	113	2	35	95					
PE09UR						51.2	23	24		3.5	38	7														8	2.8	∅2	2.3	—	18	7.5		—		30	3.5×6×4.5	9	10	800
PE12AR	○	14	4	8	40	45	28	15	M3×0.5×4	6	31	8	10	3.2	∅2.5	2.7	—	24	8.5	—	40	4.5×8×4.5	12	15	1 000	4 350	6 350	70.5	29.3	180	29.3	180	2.3812	66	140					
PE12BR						60		28			28	46														9	10	3.2	∅2.5	2.7	—	24		8.5		—	40	4.5×8×4.5	12	15
PE15AR	○	16	4	9	60	56.6	45	20	M4×0.7×4.5	7.5	38.4	9.2	12	4.1	∅3 (*3)	3.2	(3.3)	42	9.5	23	40	4.5×8×4.5	9.5	15	1 200	7 600	10 400	207	59.0	370	59.0	370	3.175	140	275					
PE15BR						76		35			35	57.8														11.4	12	4.1	∅3 (*3)	3.2	(3.3)	42		9.5		23	40	4.5×8×4.5	9.5	15

○: Random-matching type is available.

(*3) Drive-In grease fitting for ∅3 is available to PE15.

(*4) Basic dynamic load rating is a load that allows for a 50-km rating fatigue life and is a vertical and constant load on the ball slide mounting surface.

To convert C to C_{100} for a 100-km rating fatigue life, divide C by 1.26.

To fix rails of PE05AR, use M2.5 × 0.45 cross-recessed pan head machine screw for precision instrument.

(JCIS 10-70 No. 0 pan head machine screw No. 3)

(JCIS: Japanese Camera Industrial Standard)