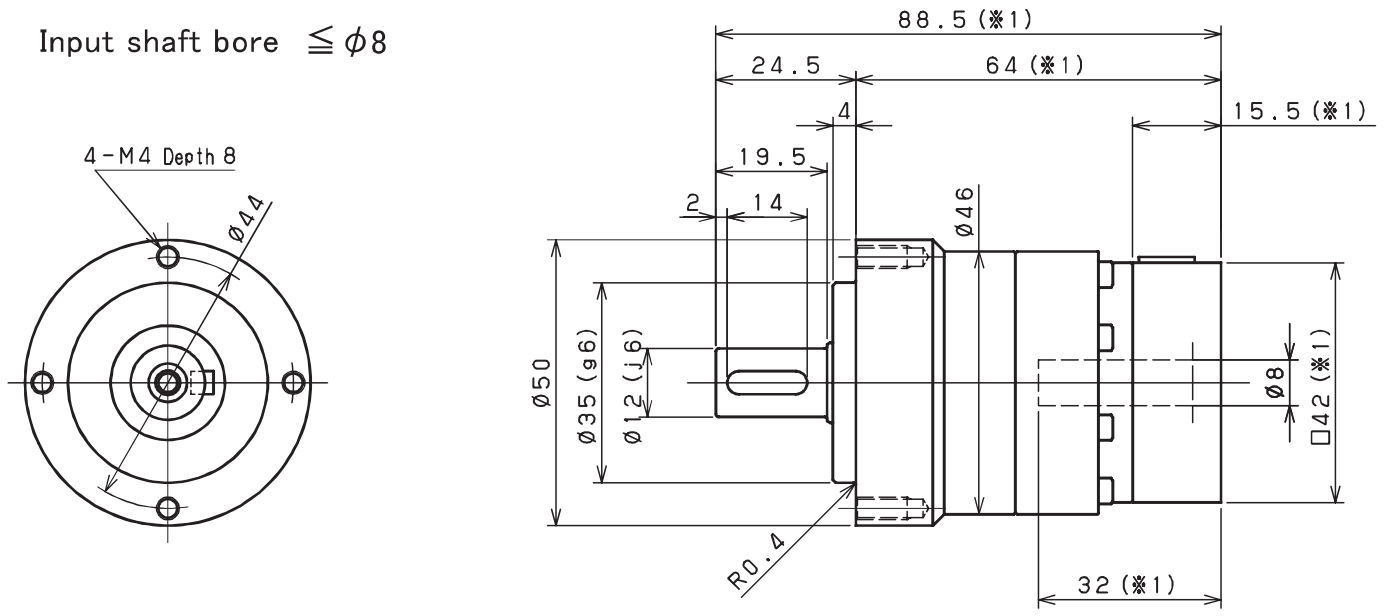
MKL Series

Mach Motion Products

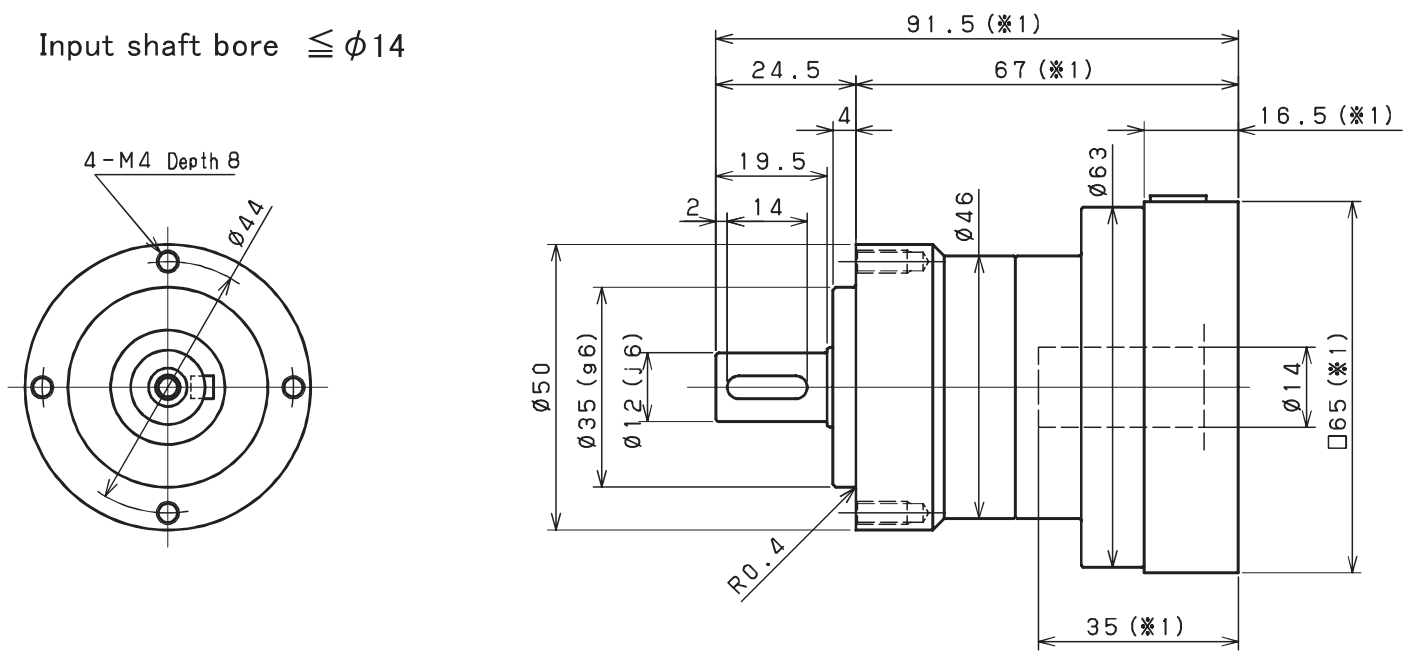
• Dimensional Drawing

MKL-050 1 Stage

Input shaft bore ≦ϕ8

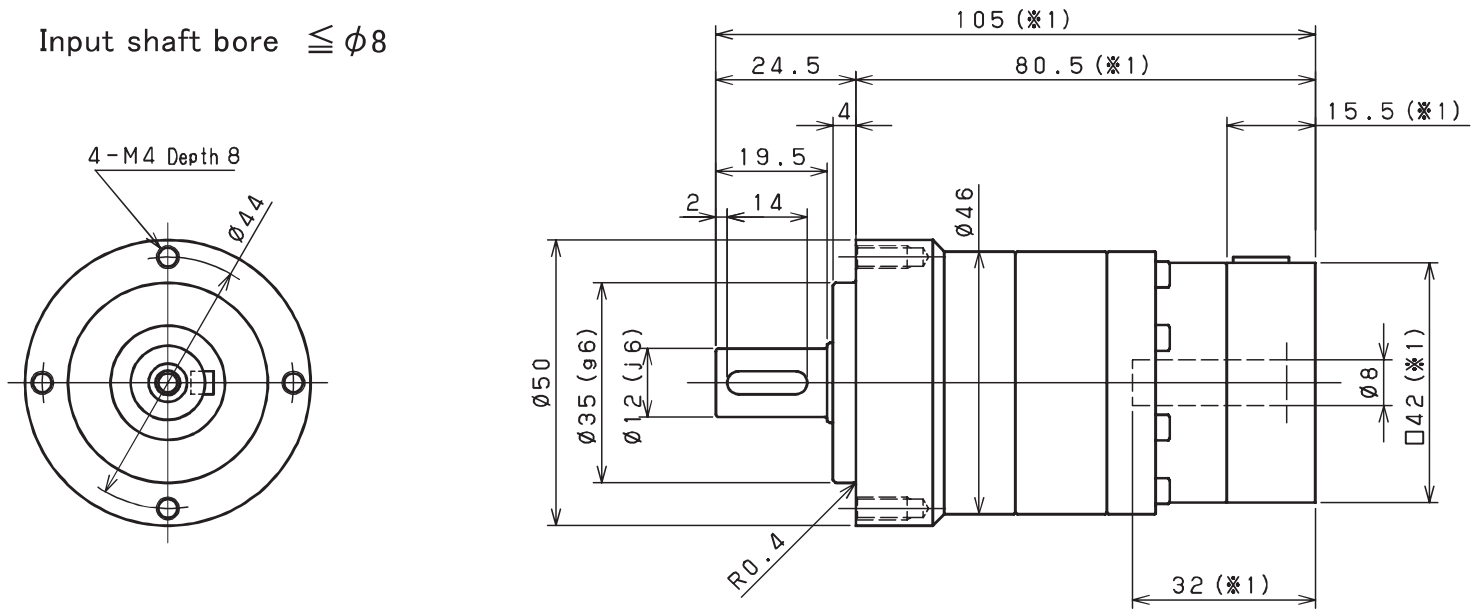


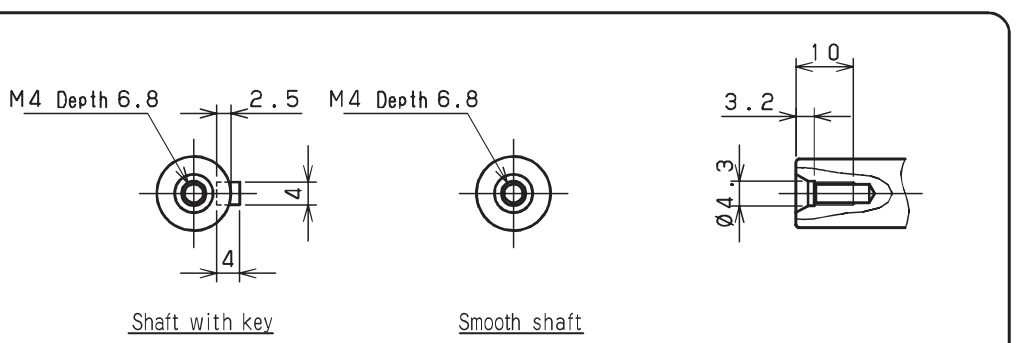
Input shaft bore ≦ϕ14



MKL-050 2 Stage

Input shaft bore ≦ϕ8





※1 Length will vary depending on motor.

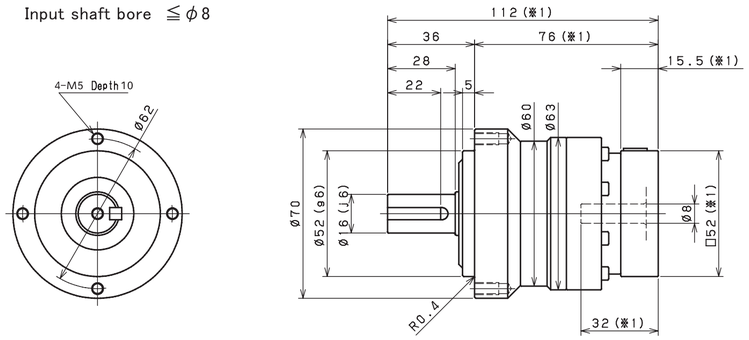
※2 Bushing will be inserted to adapt to motor shaft.

MKL Series

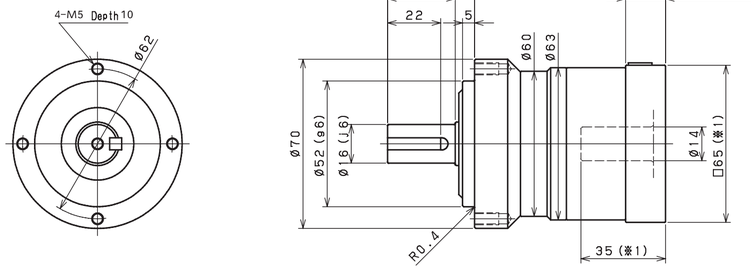
• Dimensional Drawing

MKL-070 1 Stage

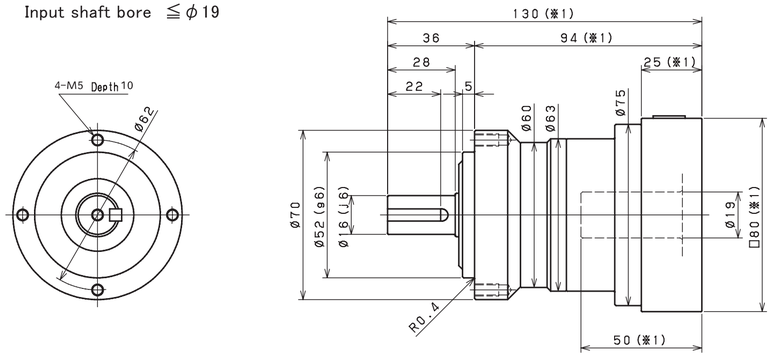
Input shaft bore ≦ϕ8

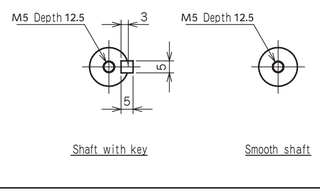


Input shaft bore ≦ϕ14



Input shaft bore ≦ϕ19



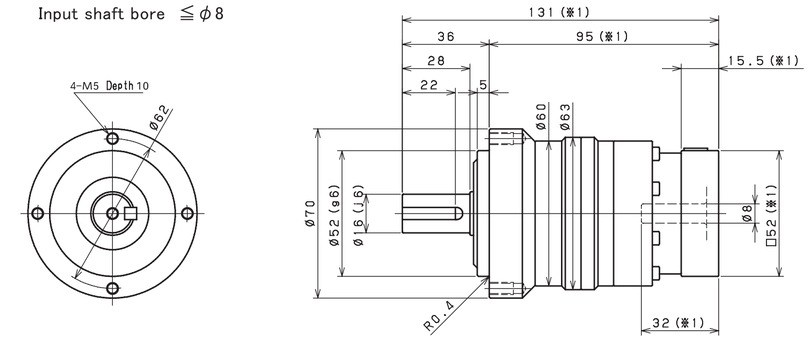


※1 Length will vary depending on motor.
※2 Bushing will be inserted to adapt to motor shaft.

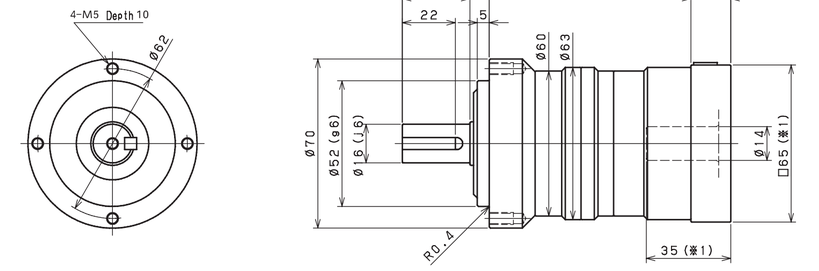
• Dimensional Drawing

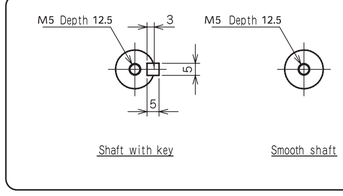
MKL-070 2 Stage

Input shaft bore ≦ϕ8



Input shaft bore ≦ϕ14





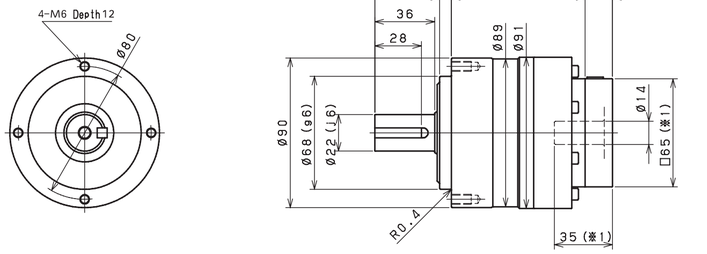
※1 Length will vary depending on motor.
※2 Bushing will be inserted to adapt to motor shaft.

MKL Series

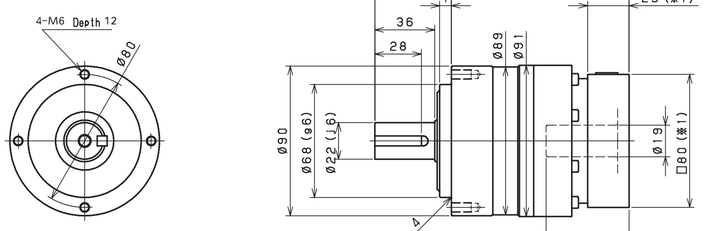
• Dimensional Drawing

MKL-090 1 Stage

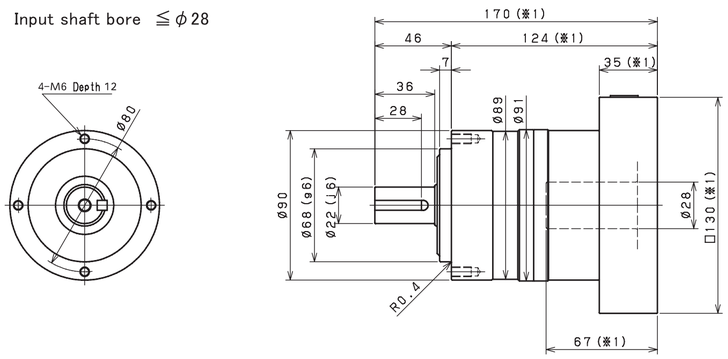
Input shaft bore ≦ϕ14

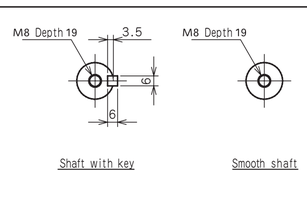


Input shaft bore ≦ϕ19



Input shaft bore ≦ϕ28



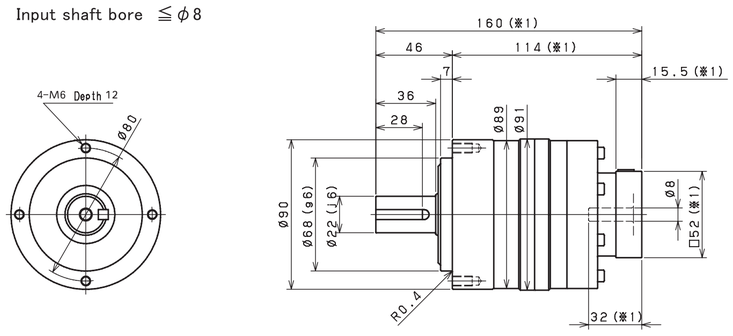


※1 Length will vary depending on motor.
※2 Bushing will be inserted to adt to motor shaft.

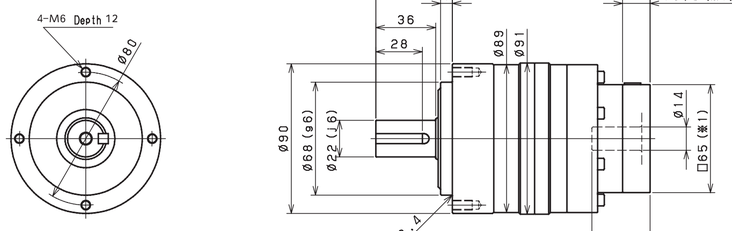
• Dimensional Drawing

MKL-090 2 Stage

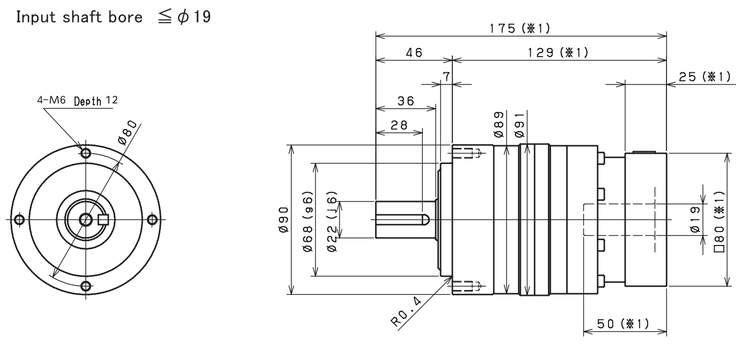
Input shaft bore ≦ϕ8

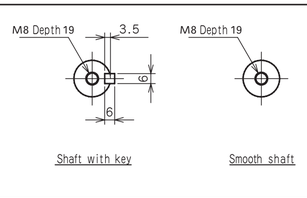


Input shaft bore ≦ϕ14



Input shaft bore ≦ϕ19



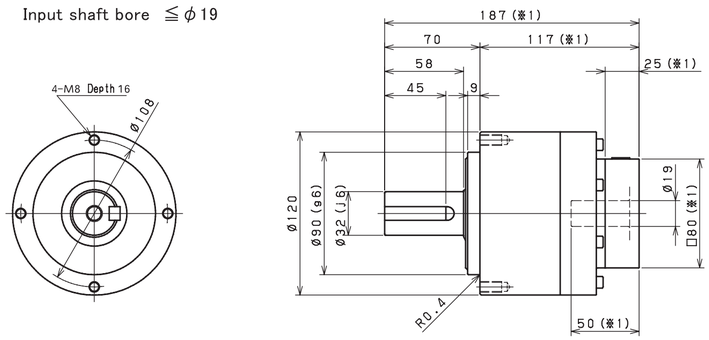


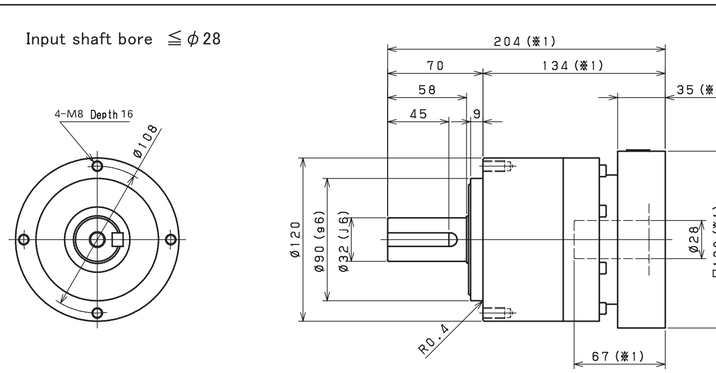
※1 Length will vary depending on motor.
※2 Bushing will be inserted to adapt to motor shaft.

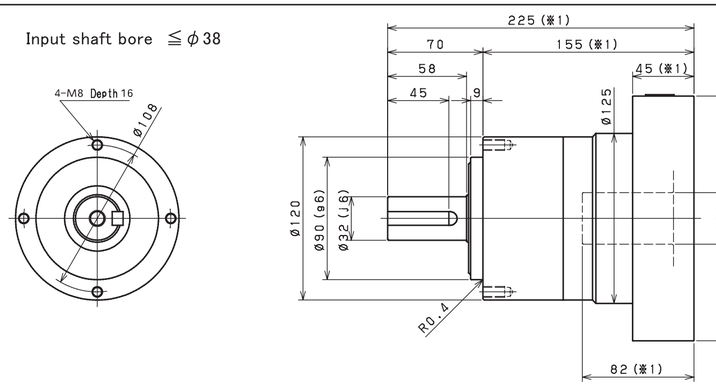
MKL Series

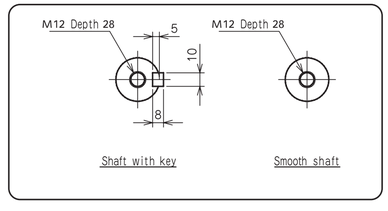
• Dimensional Drawing

MKL-120 1 Stage





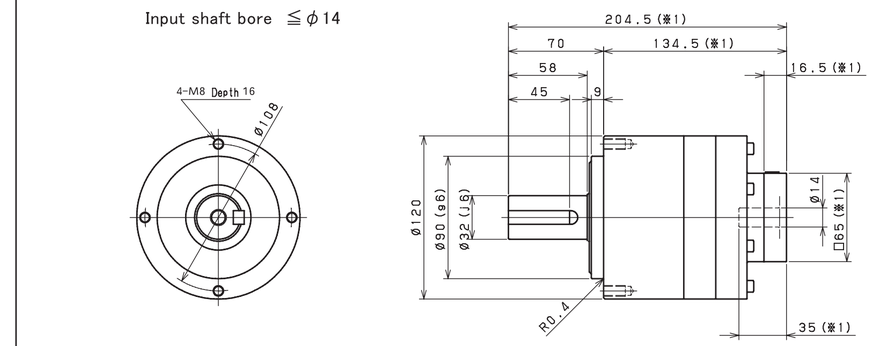


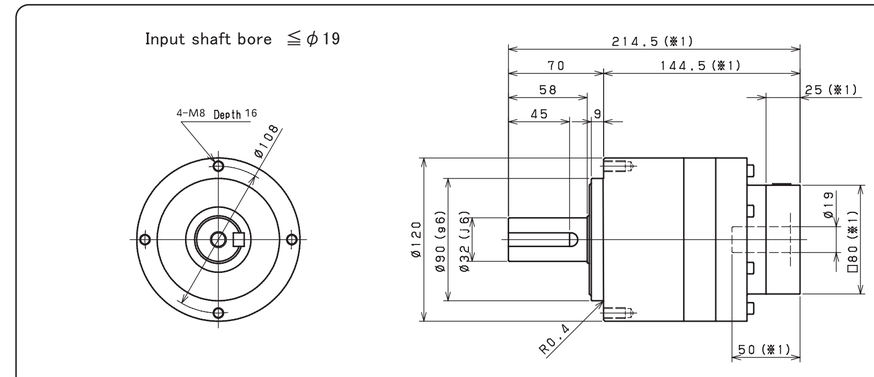


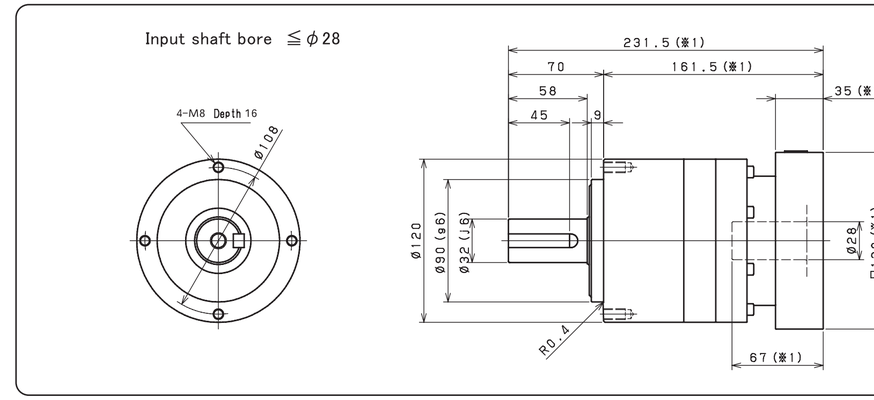
※1 Length will vary depending on motor.
※2 Bushing will be inserted to adapt to motor shaft.

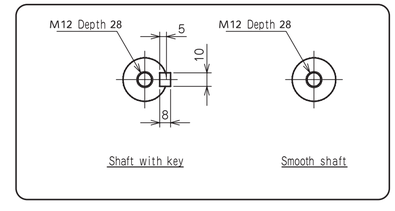
• Dimensional Drawing

MKL-120 2 Stage









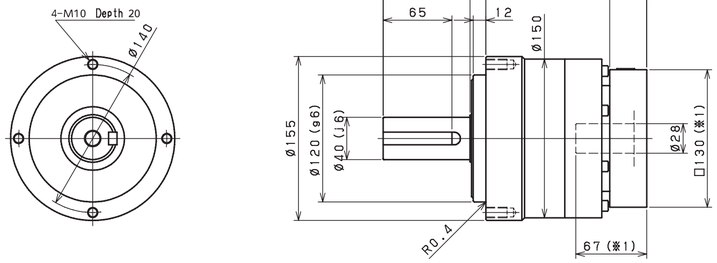
※1 Length will vary depending on motor.
※2 Bushing will be inserted to adapt to motor shaft.

MKL Series

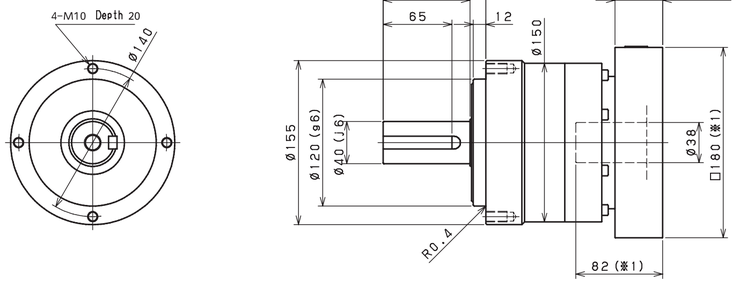
• Dimensional Drawing

MKL-155 1 Stage

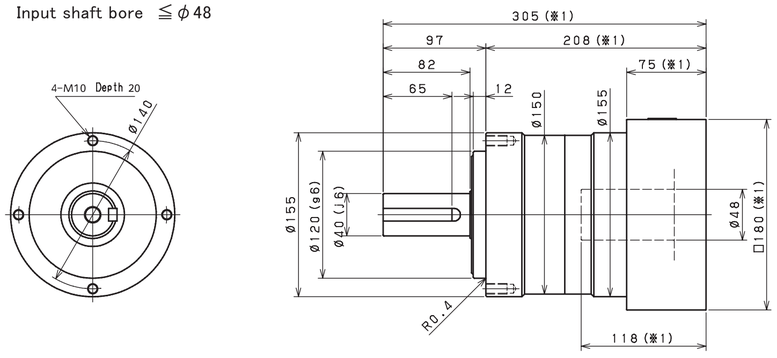
Input shaft bore ≦ϕ28

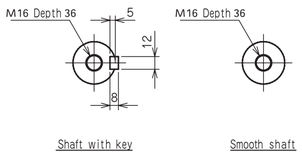


Input shaft bore ≦ϕ38



Input shaft bore ≦ϕ48



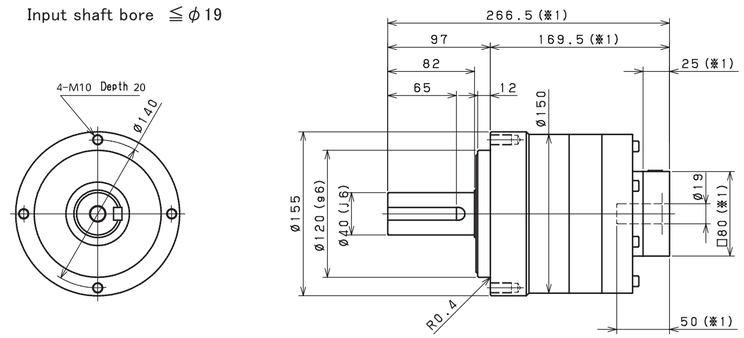


※1 Length will vary depending on motor.
※2 Bushing will be inserted to adapt to motor shaft.

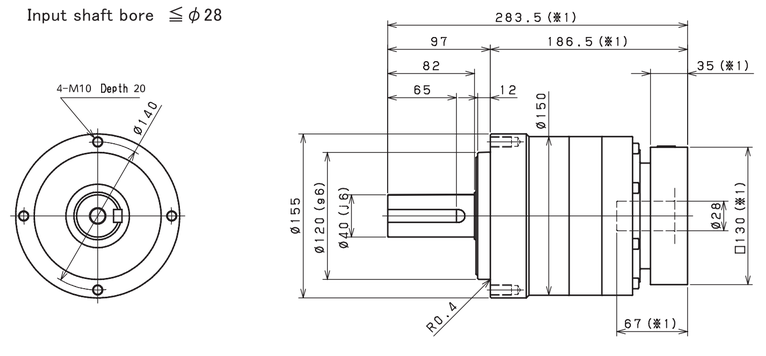
• Dimensional Drawing

MKL-155 2 Stage

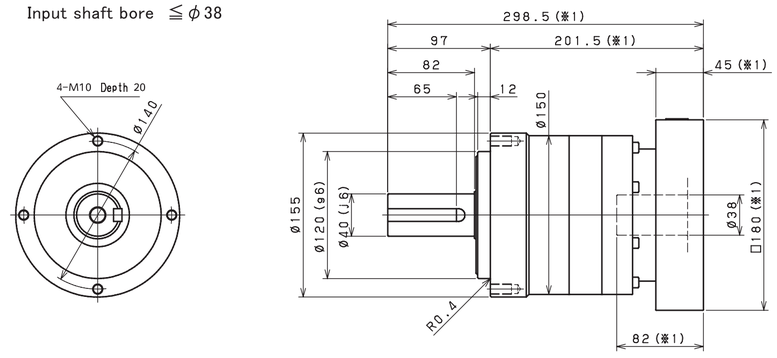
Input shaft bore ≦ϕ19

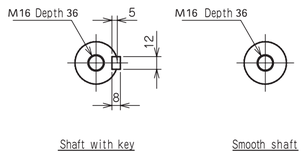


Input shaft bore ≦ϕ28



Input shaft bore ≦ϕ38



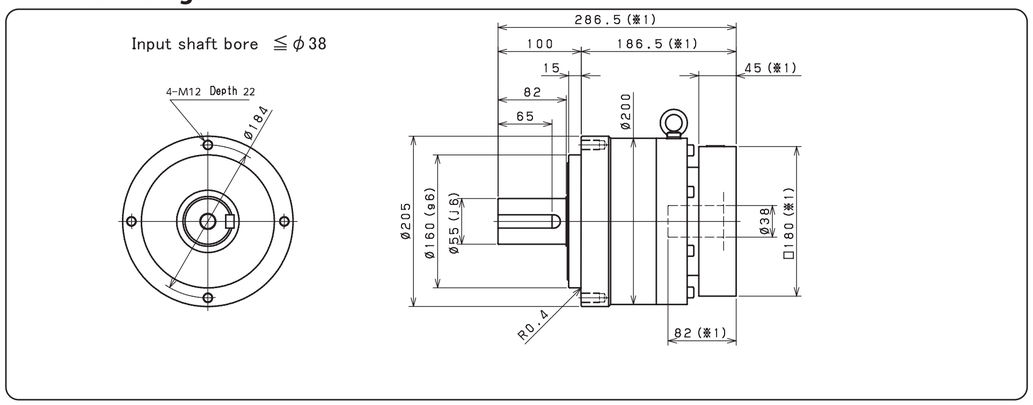


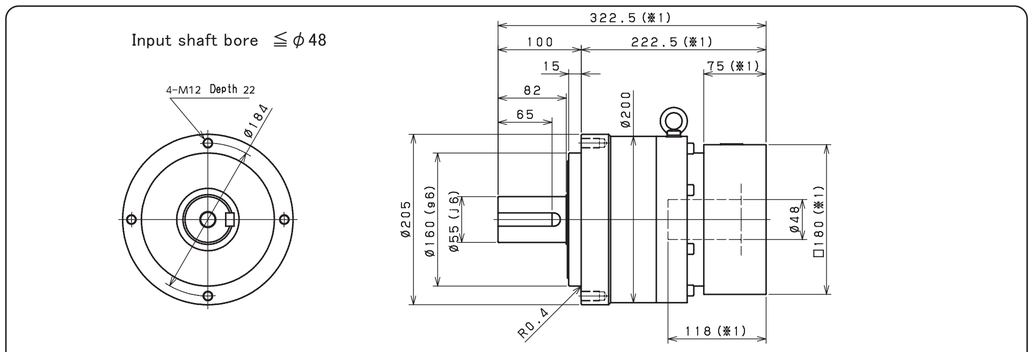
※1 Length will vary depending on motor.
※2 Bushing will be inserted to adapt to motor shaft.

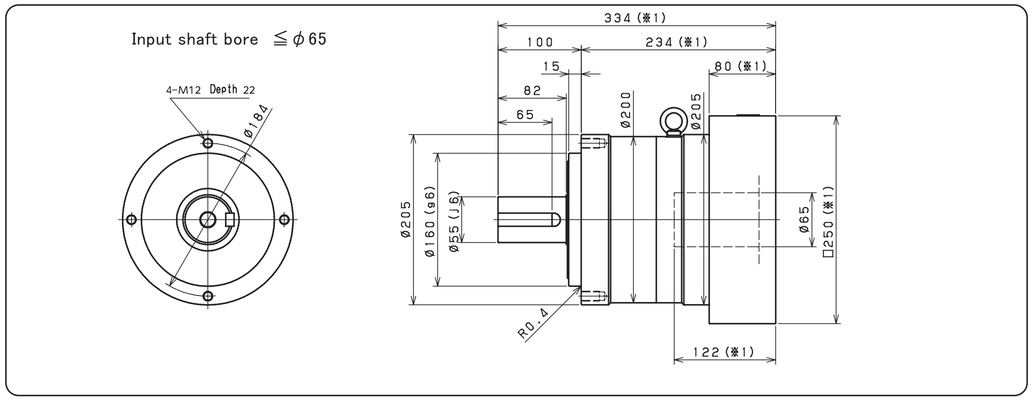
MKL Series

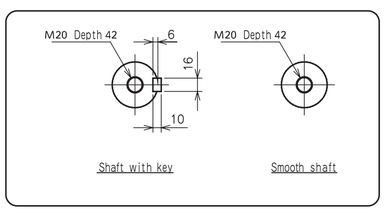
• Dimensional Drawing

MKL-205 1 Stage





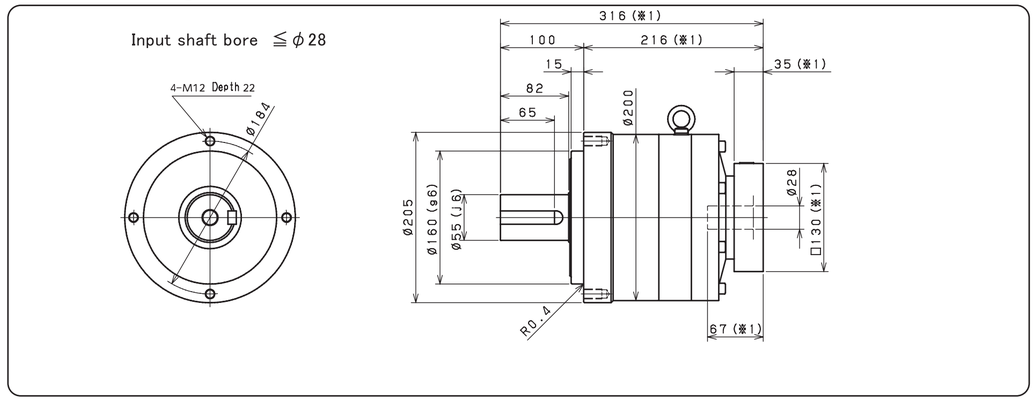


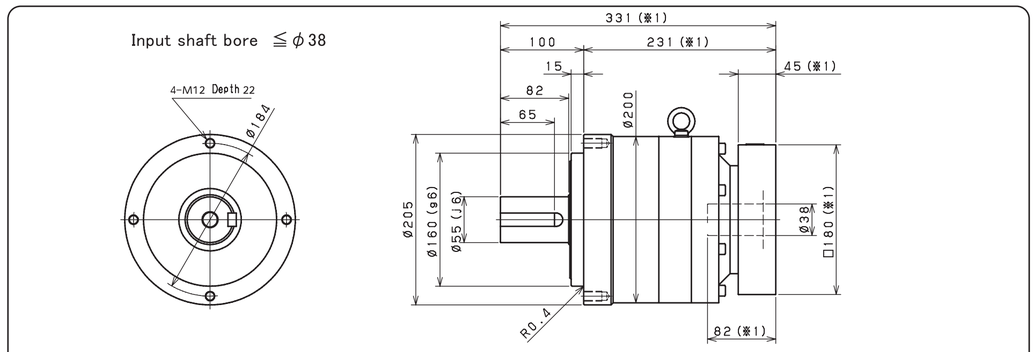


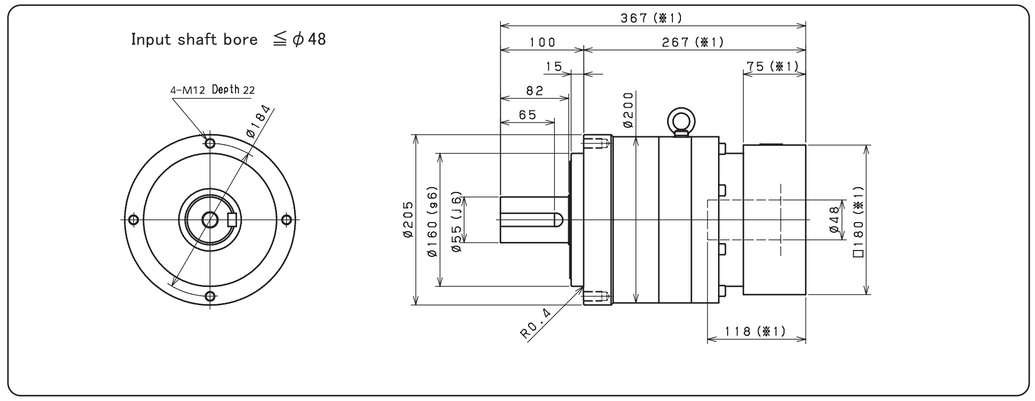
※1 Length will vary depending on motor.
※2 Bushing will be inserted to adapt to motor shaft.

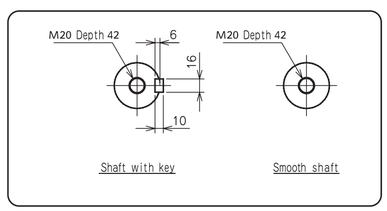
• Dimensional Drawing

MKL-205 2 Stage







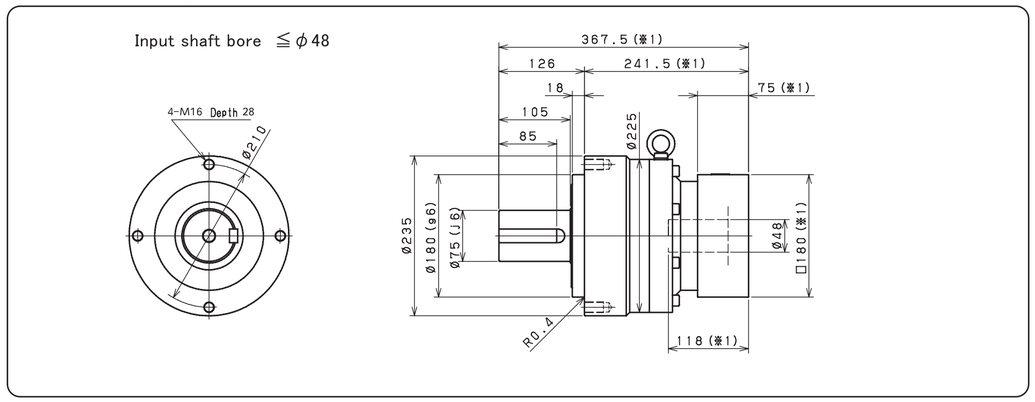


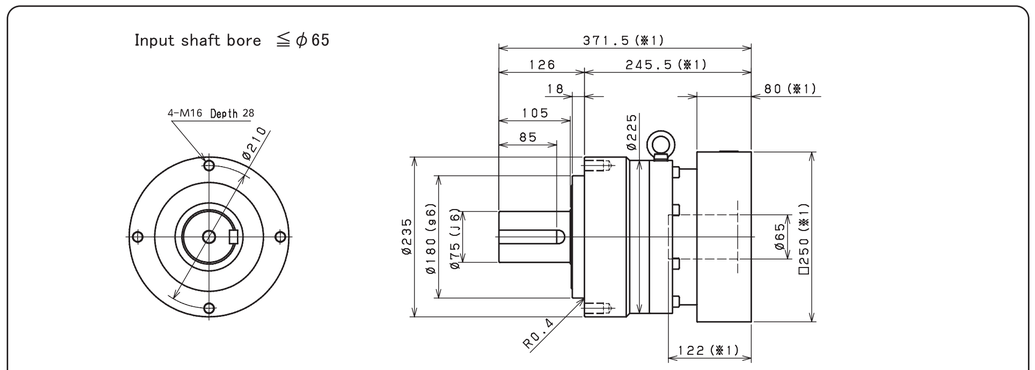
※1 Length will vary depending on motor.
※2 Bushing will be inserted to adapt to motor shaft.

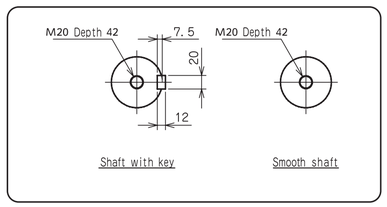
MKL Series

• Dimensional Drawing

MKL-235 1 Stage



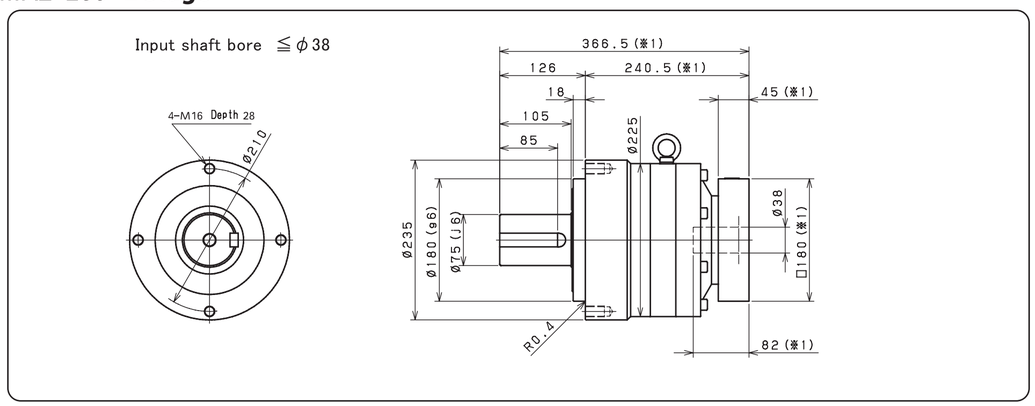


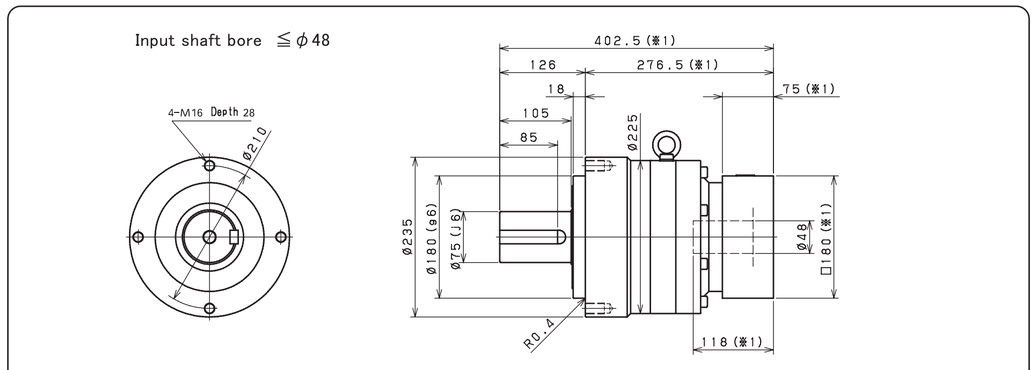


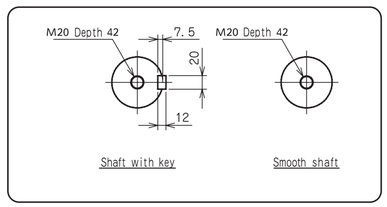
※1 Length will vary depending on motor.
※2 Bushing will be inserted to adt to motor shaft.

• Dimensional Drawing

MKL-235 2 Stage





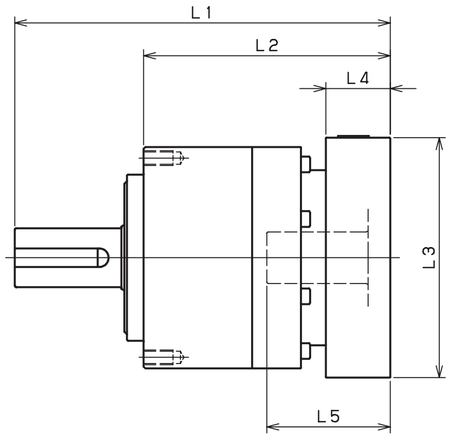


※1 Length will vary depending on motor.
※2 Bushing will be inserted to adapt to motor shaft.

MKL Series

• Dimensional Drawing (Adapter)

MKL-070

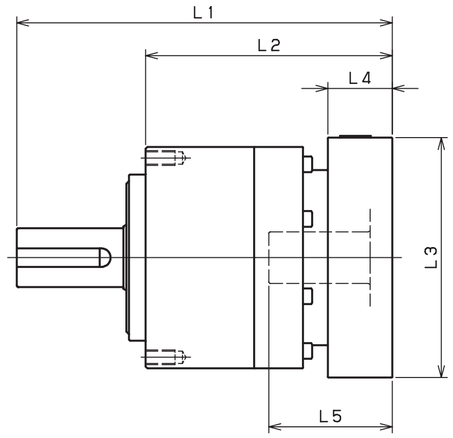


Model number	**: Adapter code	Single					Double				
		L1	L2	L3	L4	L5	L1	L2	L3	L4	L5
MKL-070-□-□-8** (Input shaft bore ≦ φ8)	AA・AC・AD・AF・AG	112	76	□52	15.5	32	131	95	□52	15.5	32
	AB・AE・AH・AJ・AK	117	81	□52	20.5	37	136	100	□52	20.5	37
	BA・BB・BD・BE	112	76	□60	15.5	32	131	95	□60	15.5	32
	BC・BF	117	81	□60	20.5	37	136	100	□60	20.5	37
	CA	117	81	□70	20.5	37	136	100	□70	20.5	37
MKL-070-□-□-14** (Input shaft bore≦ φ14)	BA・BB・BD・BE・BF・BG・BJ・BK	115	79	□65	16.5	35	136	100	□65	16.5	35
	BC・BH・BM	120	84	□65	21.5	40	141	105	□65	21.5	40
	BL	125	89	□65	26.5	45	146	110	□65	26.5	45
	CA	115	79	□70	16.5	35	136	100	□70	16.5	35
	CB	120	84	□70	21.5	40	141	105	□70	21.5	40
	DA・DB・DC・DD・DF・DH	115	79	□80	16.5	35	136	100	□80	16.5	35
	DE	120	84	□80	21.5	40	141	105	□80	21.5	40
	DG	125	89	□80	26.5	45	146	110	□80	26.5	45
	EA・EB・EC	115	79	□90	16.5	35	136	100	□90	16.5	35
	ED	125	89	□90	26.5	45	146	110	□90	26.5	45
	FA	115	79	□100	16.5	35	136	100	□100	16.5	35
	GA	115	79	□115	16.5	35	136	100	□115	16.5	35
MKL-070-□-□-19** (Input shaft bore≦ φ19)	DA・DB・DC	130	94	□80	25	50					
	DD	140	104	□80	35	60					
	DE	135	99	□80	30	55					
	EA	135	99	□90	30	55					
	EB	130	94	□90	25	50					
	EC	140	104	□90	35	60					
	FA	130	94	□100	25	50					
	FB	140	104	□100	35	60					
	GA・GC	135	99	□115	30	55					
	GB・GD	130	94	□115	25	50					
	HA	130	94	□130	25	50					
	HB	145	109	□130	40	65					
	HC・HD・HE	135	99	□130	30	55					

※1 Single reduction : 1/3～1/10, Double reduction : 1/15～1/100
※2 Bushing will be inserted to adapt to motor shaft.

• Dimensional Drawing (Adapter)

MKL-090



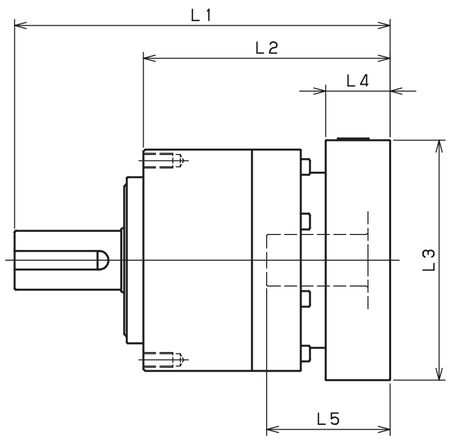
Model number	**: Adapter code	Single					Double				
		L1	L2	L3	L4	L5	L1	L2	L3	L4	L5
MKL-090-□-□-8** (Input shaft bore ≦ φ8)	AA・AC・AD・AF・AG						160	114	□52	15.5	32
	AB・AE・AH・AJ・AK						165	119	□52	20.5	37
	BA・BB・BD・BE						160	114	□60	15.5	32
	BC・BF						165	119	□60	20.5	37
	CA						165	119	□70	20.5	37
MKL-090-□-□-14** (Input shaft bore≦ φ14)	BA・BB・BD・BE・BF・BG・BJ・BK	143	97	□65	16.5	35	165	119	□65	16.5	35
	BC・BH・BM	148	102	□65	21.5	40	170	124	□65	21.5	40
	BL	153	107	□65	26.5	45	175	129	□65	26.5	45
	CA	143	97	□70	16.5	35	165	119	□70	16.5	35
	CB	148	102	□70	21.5	40	170	124	□70	21.5	40
	DA・DB・DC・DD・DF・DH	143	97	□80	16.5	35	165	119	□80	16.5	35
	DE	148	102	□80	21.5	40	170	124	□80	21.5	40
	DG	153	107	□80	26.5	45	175	129	□80	26.5	45
	EA・EB・EC	143	97	□90	16.5	35	165	119	□90	16.5	35
	ED	153	107	□90	26.5	45	175	129	□90	26.5	45
	FA	143	97	□100	16.5	35	165	119	□100	16.5	35
	GA	143	97	□115	16.5	35	165	119	□115	16.5	35
MKL-090-□-□-19** (Input shaft bore≦ φ19)	DA・DB・DC	153	107	□80	25	50	175	129	□80	25	50
	DD	163	117	□80	35	60	185	139	□80	35	60
	DE	158	112	□80	30	55	180	134	□80	30	55
	EA	158	112	□90	30	55	180	134	□90	30	55
	EB	153	107	□90	25	50	175	129	□90	25	50
	EC	163	117	□90	35	60	185	139	□90	35	60
	FA	153	107	□100	25	50	175	129	□100	25	50
	FB	163	117	□100	35	60	185	139	□100	35	60
	GA・GC	158	112	□115	30	55	180	134	□115	30	55
	GB・GD	153	107	□115	25	50	175	129	□115	25	50
	HA	153	107	□130	25	50	175	129	□130	25	50
	HB	168	122	□130	40	65	190	144	□130	40	65
	HC・HD・HE	158	112	□130	30	55	180	134	□130	30	55
MKL-090-□-□-28** (Input shaft bore≦ φ28)	FA・FB・FC	170	124	□100	35	67					
	GA・GB・GC・GD・GE・GF・GG	170	124	□115	35	67					
	HA・HC・HD	170	124	□130	35	67					
	HB	180	134	□130	45	77					
	JA・JB・JC	170	124	□150	35	67					
	KA・KB	170	124	□180	35	67					
	KD	180	134	□180	45	77					
	LA	170	124	□200	35	67					
	MA	170	124	□220	35	67					

※1 Single reduction : 1/3～1/10, Double reduction : 1/15～1/100
※2 Bushing will be inserted to adapt to motor shaft.

MKL Series

• Dimensional Drawing (Adapter)

MKL-120

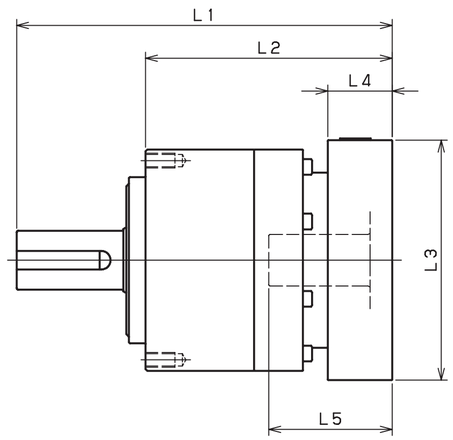


Model number	**:Adapter code	Single					Double				
		L1	L2	L3	L4	L5	L1	L2	L3	L4	L5
MKL-120-□-□-14** (Input shaft bore≦φ14)	BA・BB・BD・BE・BF・BG・BJ・BK						204.5	134.5	□65	16.5	35
	BC・BH・BM						209.5	139.5	□65	21.5	40
	BL						214.5	144.5	□65	26.5	45
	CA						204.5	134.5	□70	16.5	35
	CB						209.5	139.5	□70	21.5	40
	DA・DB・DC・DD・DF・DH						204.5	134.5	□80	16.5	35
	DE						209.5	139.5	□80	21.5	40
	DG						214.5	144.5	□80	26.5	45
	EA・EB・EC						204.5	134.5	□90	16.5	35
	ED						214.5	144.5	□90	26.5	45
	FA						204.5	134.5	□100	16.5	35
	GA						204.5	134.5	□115	16.5	35
MKL-120-□-□-19** (Input shaft bore≦φ19)	DA・DB・DC	187	117	□80	25	50	214.5	144.5	□80	25	50
	DD	197	127	□80	35	60	224.5	154.5	□80	35	60
	DE	192	122	□80	30	55	219.5	149.5	□80	30	55
	EA	192	122	□90	30	55	219.5	149.5	□90	30	55
	EB	187	117	□90	25	50	214.5	144.5	□90	25	50
	EC	197	127	□90	35	60	224.5	154.5	□90	35	60
	FA	187	117	□100	25	50	214.5	144.5	□100	25	50
	FB	197	127	□100	35	60	224.5	154.5	□100	35	60
	GA・GC	192	122	□115	30	55	219.5	149.5	□115	30	55
	GB・GD	187	117	□115	25	50	214.5	144.5	□115	25	50
	HA	187	117	□130	25	50	214.5	144.5	□130	25	50
	HB	202	132	□130	40	65	229.5	159.5	□130	40	65
	HC・HD・HE	192	122	□130	30	55	219.5	149.5	□130	30	55
MKL-120-□-□-28** (Input shaft bore≦φ28)	FA・FB・FC	204	134	□100	35	67	231.5	161.5	□100	35	67
	GA・GB・GC・GD・GE・GF・GG	204	134	□115	35	67	231.5	161.5	□115	35	67
	HA・HC・HD	204	134	□130	35	67	231.5	161.5	□130	35	67
	HB	214	144	□130	45	77	241.5	171.5	□130	45	77
	JA・JB・JC	204	134	□150	35	67	231.5	161.5	□150	35	67
	KA・KB	204	134	□180	35	67	231.5	161.5	□180	35	67
	KD	214	144	□180	45	77	241.5	171.5	□180	45	77
	LA	204	134	□200	35	67	231.5	161.5	□200	35	67
	MA	204	134	□220	35	67	231.5	161.5	□220	35	67
MKL-120-□-□-38** (Input shaft bore≦φ38)	HA	225	155	□130	45	82					
	HB	220	150	□130	40	77					
	JA	225	155	□150	45	82					
	KA・KB・KC	225	155	□180	45	82					
	LA	225	155	□200	45	82					
	LB	235	165	□200	55	92					
	MA・MB	225	155	□220	45	82					
	NA	225	155	□250	45	82					

※1 Single reduction : 1/3～1/10, Double reduction : 1/15～1/100
※2 Bushing will be inserted to adapt to motor shaft.

• Dimensional Drawing (Adapter)

MKL-155



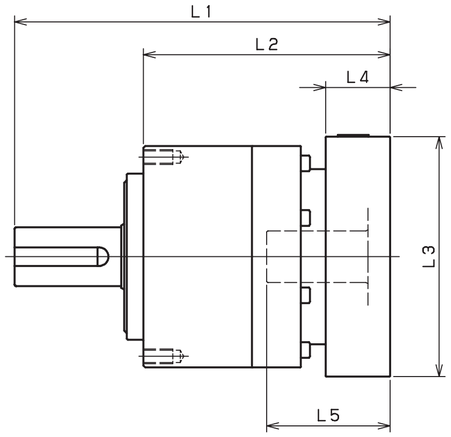
Model number	**:Adapter code	Single					Double				
		L1	L2	L3	L4	L5	L1	L2	L3	L4	L5
MKL-155-□-□-19** (Input shaft bore≦φ19)	DA・DB・DC						266.5	169.5	□80	25	50
	DD						276.5	179.5	□80	35	60
	DE						271.5	174.5	□80	30	55
	EA						271.5	174.5	□90	30	55
	EB						266.5	169.5	□90	25	50
	EC						276.5	179.5	□90	35	60
	FA						266.5	169.5	□100	25	50
	FB						276.5	179.5	□100	35	60
	GA・GC						271.5	174.5	□115	30	55
	GB・GD						266.5	169.5	□115	25	50
	HA						266.5	169.5	□130	25	50
	HB						281.5	184.5	□130	40	65
	HC・HD・HE						271.5	174.5	□130	30	55
MKL-155-□-□-28** (Input shaft bore≦φ28)	FA・FB・FC	249	152	□100	35	67	283.5	186.5	□100	35	67
	GA・GB・GC・GD・GE・GF・GG	249	152	□115	35	67	283.5	186.5	□115	35	67
	HA・HC・HD	249	152	□130	35	67	283.5	186.5	□130	35	67
	HB	259	162	□130	45	77	293.5	196.5	□130	45	77
	JA・JB・JC	249	152	□150	35	67	283.5	186.5	□150	35	67
	KA・KB	249	152	□180	35	67	283.5	186.5	□180	35	67
	KD	259	162	□180	45	77	293.5	196.5	□180	45	77
	LA	249	152	□200	35	67	283.5	186.5	□200	35	67
	MA	249	152	□220	35	67	283.5	186.5	□220	35	67
MKL-155-□-□-38** (Input shaft bore≦φ38)	HA	264	167	□130	45	82	298.5	201.5	□130	45	82
	HB	259	162	□130	40	77	293.5	196.5	□130	40	77
	JA	264	167	□150	45	82	298.5	201.5	□150	45	82
	KA・KB・KC	264	167	□180	45	82	298.5	201.5	□180	45	82
	LA	264	167	□200	45	82	298.5	201.5	□200	45	82
	LB	274	177	□200	55	92	308.5	211.5	□200	55	92
	MA・MB	264	167	□220	45	82	298.5	201.5	□220	45	82
	NA	264	167	□250	45	82	298.5	201.5	□250	45	82
MKL-155-□-□-48** (Input shaft bore≦φ48)	KB・KC	285	188	□180	55	98					
	KA	305	208	□180	75	118					
	LA	285	188	□200	55	98					
	MA	285	188	□220	55	98					
	MB	305	208	□220	75	118					
	NA	305	208	□250	75	118					
	PA	305	208	□280	75	118					

※1 Single reduction : 1/3～1/10, Double reduction : 1/15～1/100
※2 Bushing will be inserted to adapt to motor shaft.

MKL Series

• Dimensional Drawing (Adapter)

MKL-205

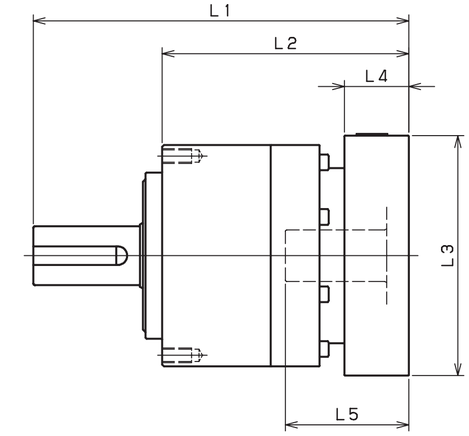


Model number	**: Adapter code	Single					Double				
		L1	L2	L3	L4	L5	L1	L2	L3	L4	L5
MKL-205-□-□-28** (Input shaft bore≦φ28)	FA・FB・FC						316	216	□100	35	67
	GA・GB・GC・GD・GE・GF・GG						316	216	□115	35	67
	HA・HC・HD						316	216	□130	35	67
	HB						326	226	□130	45	77
	JA・JB・JC						316	216	□150	35	67
	KA・KB						316	216	□180	35	67
	KD						326	226	□180	45	77
	LA						316	216	□200	35	67
	MA						316	216	□220	35	67
MKL-205-□-□-38** (Input shaft bore≦φ38)	HA	286.5	186.5	□130	45	82	331	231	□130	45	82
	HB	281.5	181.5	□130	40	77	326	226	□130	40	77
	JA	286.5	186.5	□150	45	82	331	231	□150	45	82
	KA・KB・KC	286.5	186.5	□180	45	82	331	231	□180	45	82
	LA	286.5	186.5	□200	45	82	331	231	□200	45	82
	LB	296.5	196.5	□200	55	92	341	241	□200	55	92
	MA・MB	286.5	186.5	□220	45	82	331	231	□220	45	82
	NA	286.5	186.5	□250	45	82	331	231	□250	45	82
MKL-205-□-□-48** (Input shaft bore≦φ48)	KB・KC	302.5	202.5	□180	55	98	347	247	□180	55	98
	KA	322.5	222.5	□180	75	118	367	267	□180	75	118
	LA	302.5	202.5	□200	55	98	347	247	□200	55	98
	MA	302.5	202.5	□220	55	98	347	247	□220	55	98
	MB	322.5	222.5	□220	75	118	367	267	□220	75	118
	NA	322.5	222.5	□250	75	118	367	267	□250	75	118
	PA	322.5	222.5	□280	75	118	367	267	□280	75	118
MKL-205-□-□-65** (Input shaft bore≦φ65)	MA・MB・MC・MD	334	234	□220	80	122					
	NA	334	234	□250	80	122					
	PA	354	254	□280	100	142					
	PB	364	264	□280	110	152					
	QA	354	254	□320	100	142					

※1 Single reduction : 1/3～1/10, Double reduction : 1/15～1/100
※2 Bushing will be inserted to adapt to motor shaft.

• Dimensional Drawing (Adapter)

MKL-235



Model number	**: Adapter code	Single					Double				
		L1	L2	L3	L4	L5	L1	L2	L3	L4	L5
MKL-235-□-□-38** (Input shaft bore≦φ38)	HA						366.5	240.5	□130	45	82
	HB						361.5	235.5	□130	40	77
	JA						366.5	240.5	□150	45	82
	KA・KB・KC						366.5	240.5	□180	45	82
	LA						366.5	240.5	□200	45	82
	LB						376.5	250.5	□200	55	92
	MA・MB						366.5	240.5	□220	45	82
	NA						366.5	240.5	□250	45	82
MKL-235-□-□-48** (Input shaft bore≦φ48)	KB・KC	347.5	221.5	□180	55	98	382.5	256.5	□180	55	98
	KA	367.5	241.5	□180	75	118	402.5	276.5	□180	75	118
	LA	347.5	221.5	□200	55	98	382.5	256.5	□200	55	98
	MA	347.5	221.5	□220	55	98	382.5	256.5	□220	55	98
	MB	367.5	241.5	□220	75	118	402.5	276.5	□220	75	118
	NA	367.5	241.5	□250	75	118	402.5	276.5	□250	75	118
	PA	367.5	241.5	□280	75	118	402.5	276.5	□280	75	118
MKL-235-□-□-65** (Input shaft bore≦φ65)	MA・MB・MC・MD	371.5	245.5	□220	80	122					
	NA	371.5	245.5	□250	80	122					
	PA	391.5	265.5	□280	100	142					
	PB	401.5	275.5	□280	110	152					
	QA	391.5	265.5	□320	100	142					

※1 Single reduction : 1/3～1/10, Double reduction : 1/15～1/100
※2 Bushing will be inserted to adapt to motor shaft.