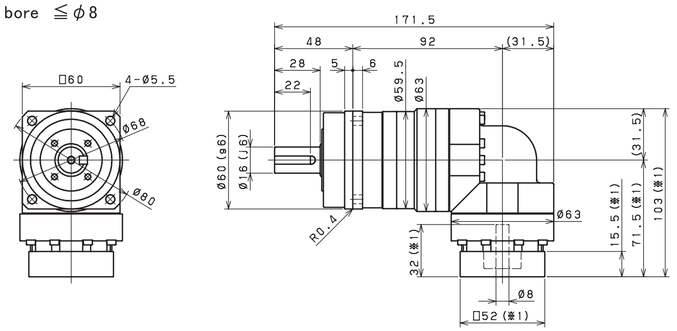
MKES-060

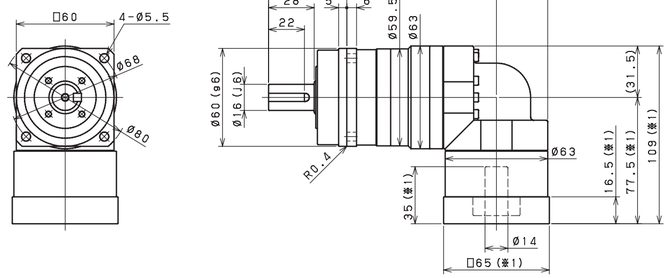
• Dimensional Drawing

MKES-060 2 Stage

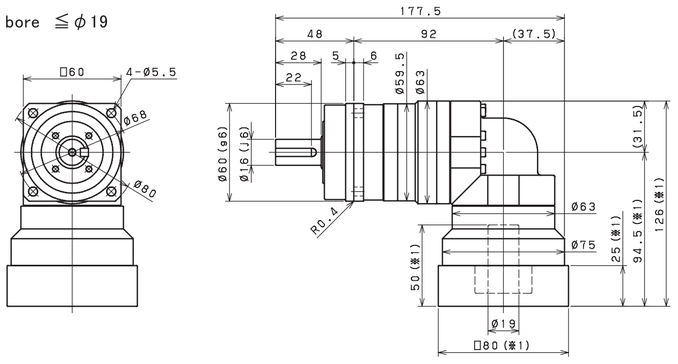
Input shaft bore ≦ϕ8

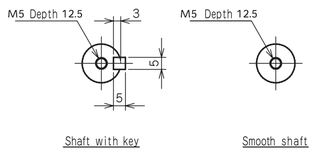


Input shaft bore ≦ϕ14



Input shaft bore ≦ϕ19



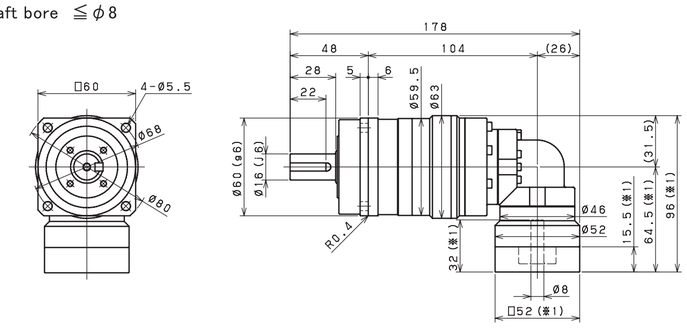


※1 Length will vary depending on motor.
※2 Bushing will be inserted to adapt to motor shaft.

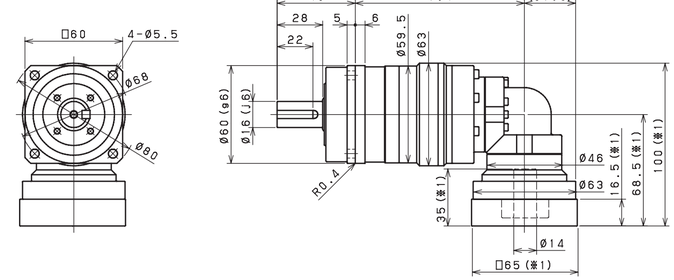
• Dimensional Drawing

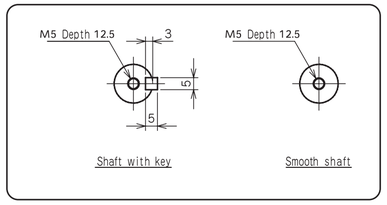
MKES-060 3 Stage

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.

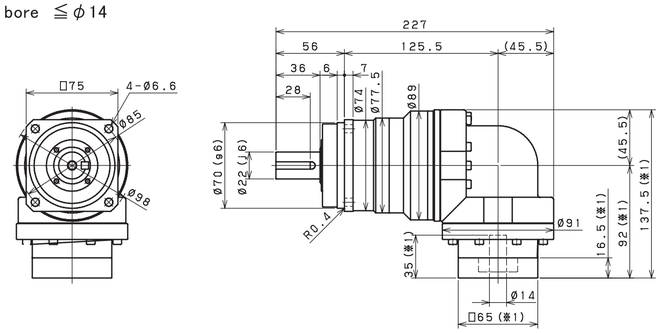
MKES-075

Mach Motion Products

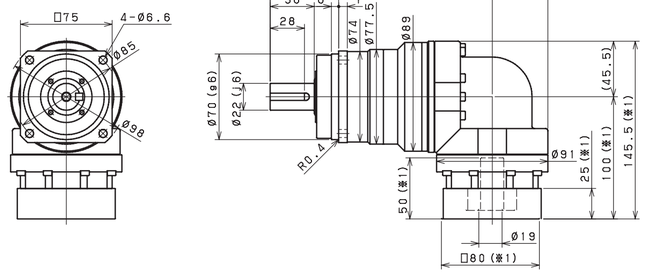
• Dimensional Drawing

MKES-075 2 Stage

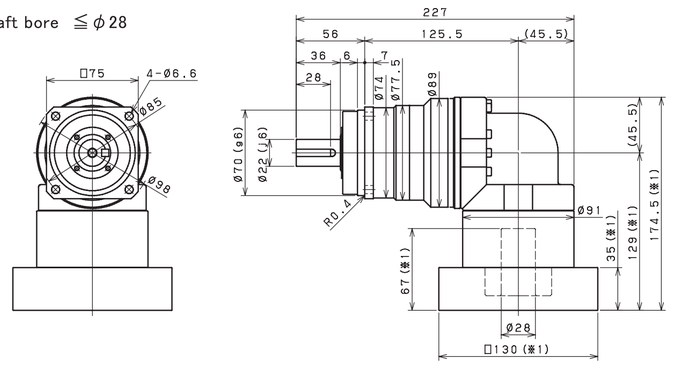
Input shaft bore ≦ϕ14

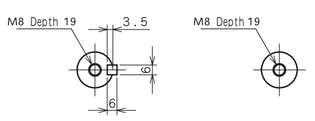


Input shaft bore ≦ϕ19



Input shaft bore ≦ϕ28



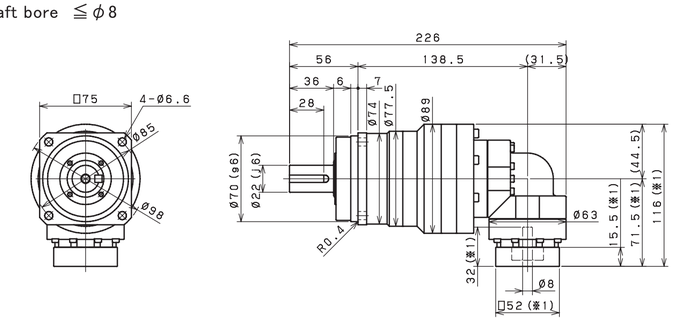


※1 Length will vary depending on motor.
※2 Bushing will be inserted to adt to motor shaft.

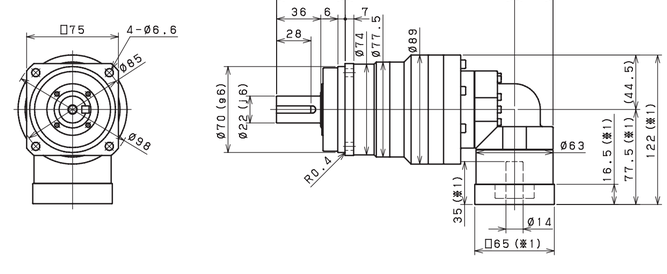
• Dimensional Drawing

MKES-075 3 Stage

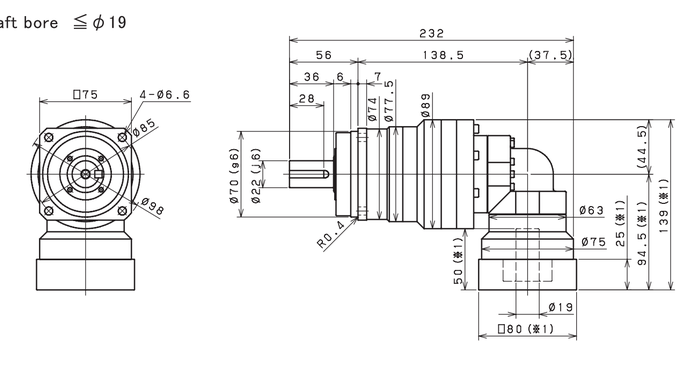
Input shaft bore ≦ϕ8

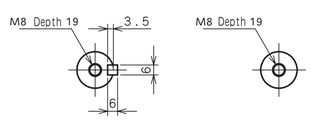


Input shaft bore ≦ϕ14



Input shaft bore ≦ϕ19





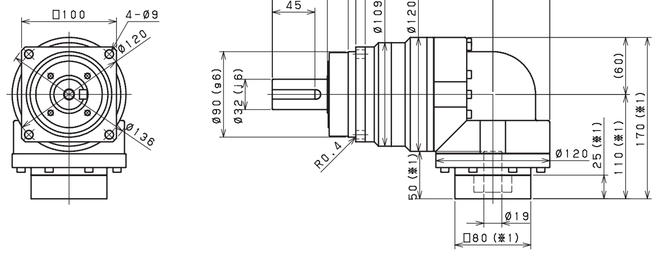
※1 Length will vary depending on motor.
※2 Bushing will be inserted to adapt to motor shaft.

MKES-100

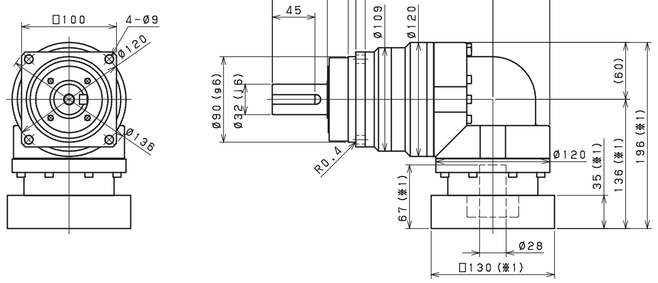
• Dimensional Drawing

MKES-100 2 Stage

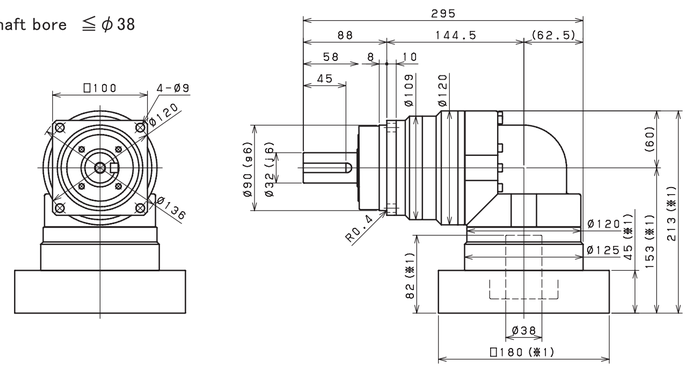
Input shaft bore ≦ϕ19

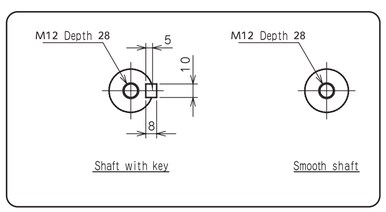


Input shaft bore ≦ϕ28



Input shaft bore ≦ϕ38



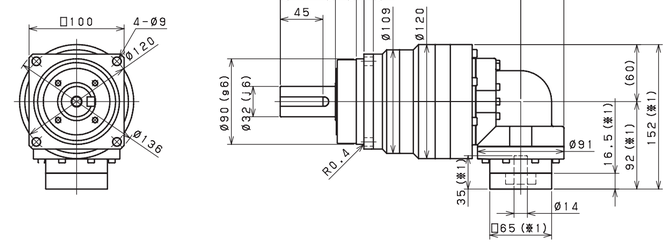


※1 Length will vary depending on motor.
※2 Bushing will be inserted to adapt to motor shaft.

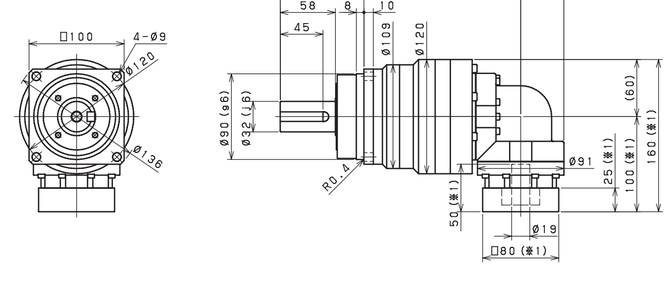
• Dimensional Drawing

MKES-100 3 Stage

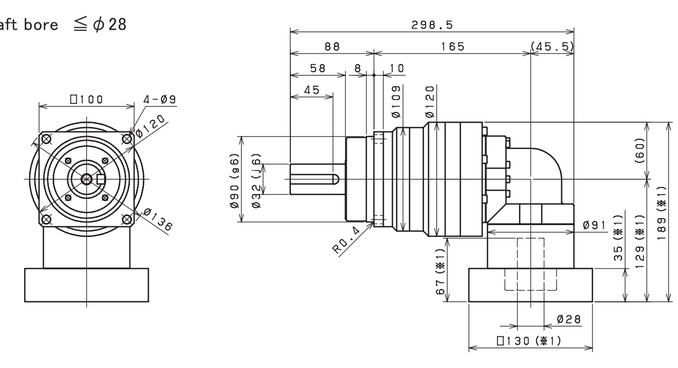
Input shaft bore ≦ϕ14

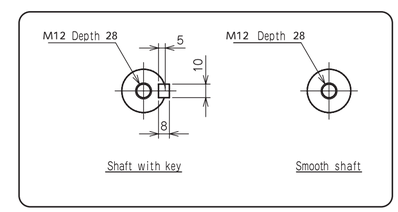


Input shaft bore ≦ϕ19



Input shaft bore ≦ϕ28





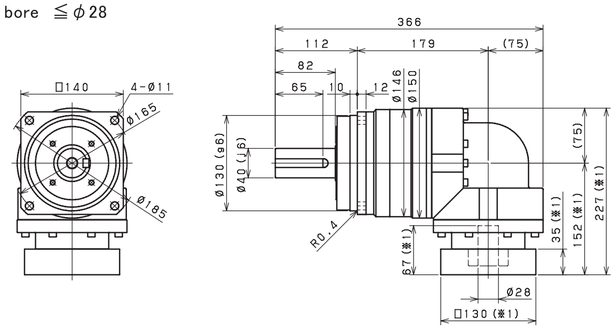
※1 Length will vary depending on motor.
※2 Bushing will be inserted to adapt to motor shaft.

MKES-140

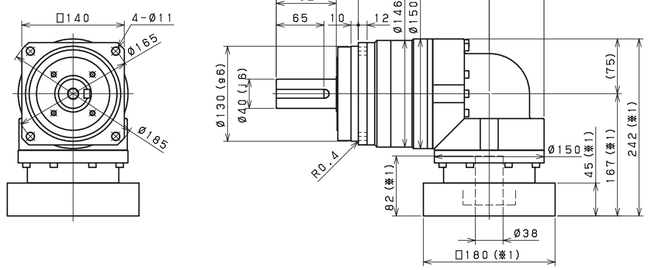
• Dimensional Drawing

MKES-140 2 Stage

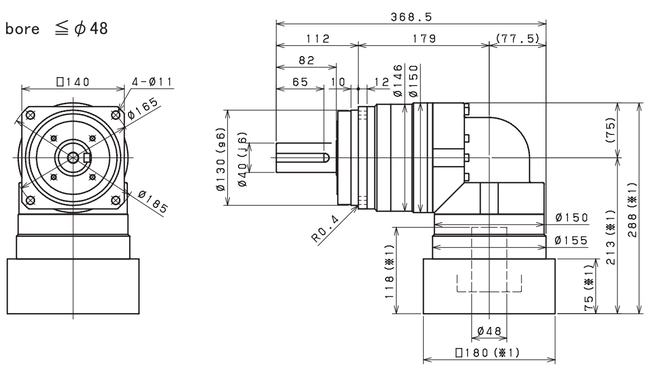
Input shaft bore ≦ϕ28

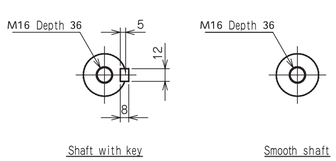


Input shaft bore ≦ϕ38



Input shaft bore ≦ϕ48



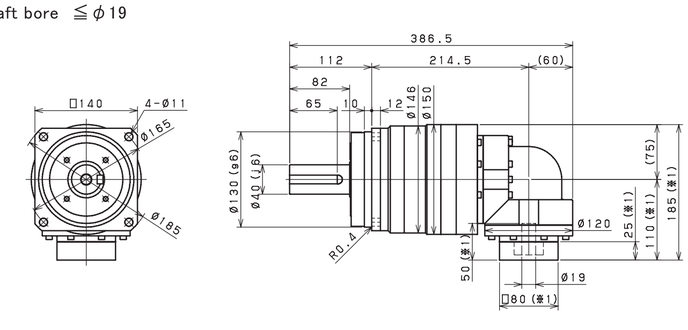


※1 Length will vary depending on motor.
※2 Bushing will be inserted to adapt to motor shaft.

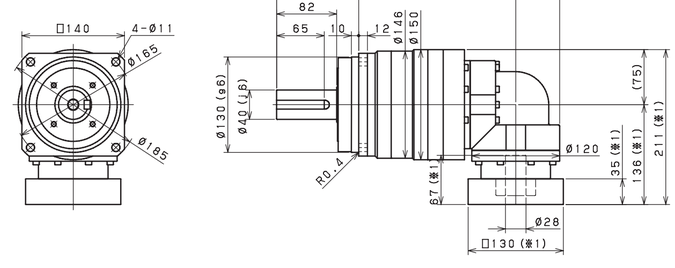
• Dimensional Drawing

MKES-140 3 Stage

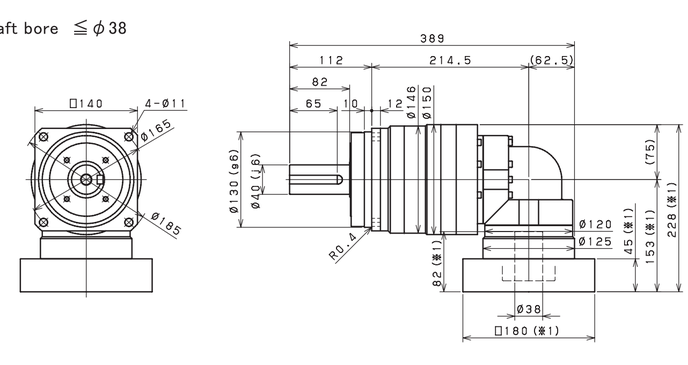
Input shaft bore ≦ϕ19

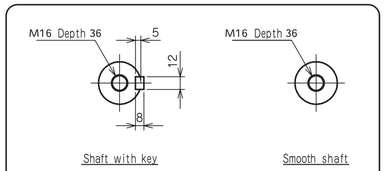


Input shaft bore ≦ϕ28



Input shaft bore ≦ϕ38

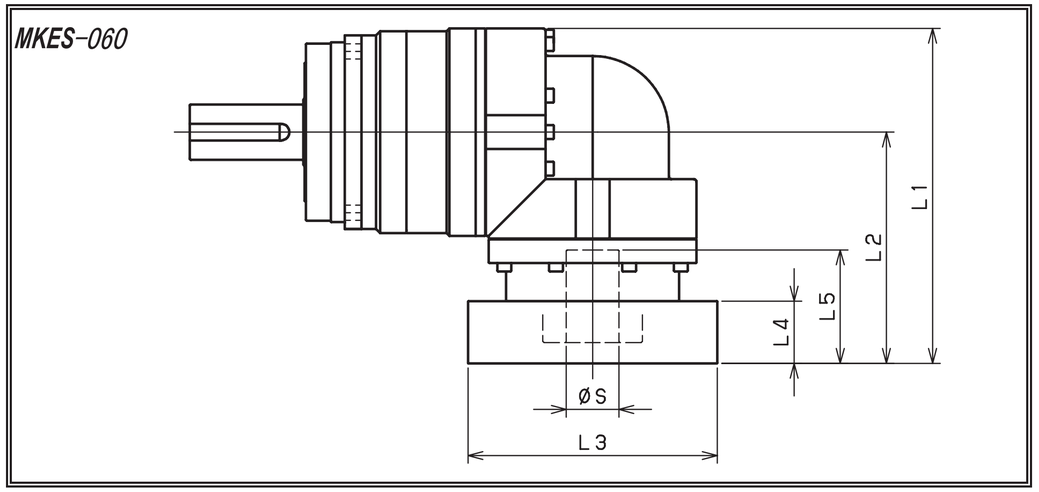




※1 Length will vary depending on motor.
※2 Bushing will be inserted to adapt to motor shaft.

MKES - adapters

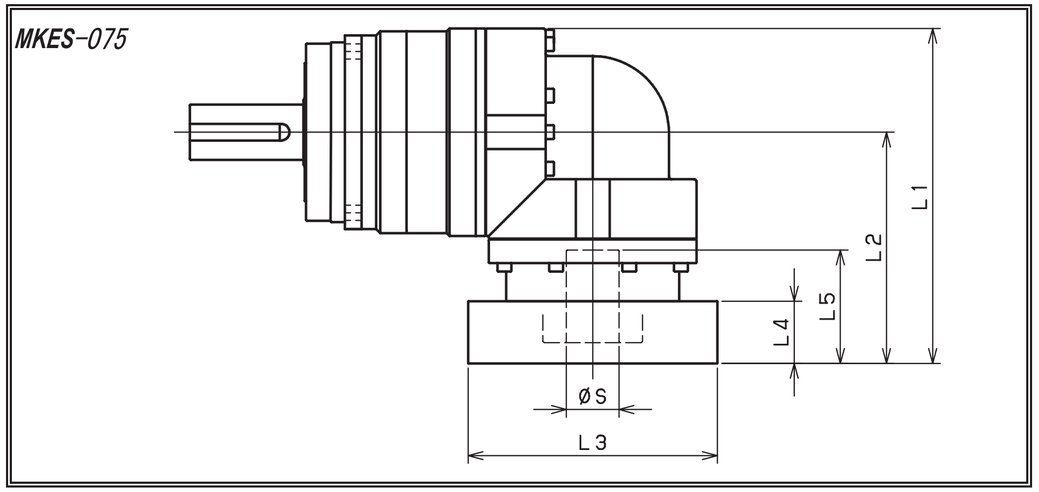
• Dimensional Drawing (Adapter)



Model number	**:Adapter code	Single					Double				
		L1	L2	L3	L4	L5	L1	L2	L3	L4	L5
MKES-060-□-□-8** (S≦8)	AA・AC・AD・AF・AG	103	71.5	□52	15.5	32	96	64.5	□52	15.5	32
	AB・AE・AH・AJ・AK	108	76.5	□52	20.5	37	101	69.5	□52	20.5	37
	BA・BB・BD・BE	103	71.5	□60	15.5	32	96	64.5	□60	15.5	32
	BC・BF	108	76.5	□60	20.5	37	101	69.5	□60	20.5	37
	CA	108	76.5	□70	20.5	37	101	69.5	□70	20.5	37
MKES-060-□-□-14** (8＜S≦14)	BA・BB・BD・BE・BF・BG・BJ・BK	109	77.5	□65	16.5	35	100	68.5	□65	16.5	35
	BC・BH	114	82.5	□65	21.5	40	105	73.5	□65	21.5	40
	BL	119	87.5	□65	26.5	45	110	78.5	□65	26.5	45
	CA	109	77.5	□70	16.5	35	100	68.5	□70	16.5	35
	CB	114	82.5	□70	21.5	40	105	73.5	□70	21.5	40
	DA・DB・DC・DD・DF・DH	109	77.5	□80	16.5	35	100	68.5	□80	16.5	35
	DE	114	82.5	□80	21.5	40	105	73.5	□80	21.5	40
	DG	119	87.5	□80	26.5	45	110	78.5	□80	26.5	45
	EA・EB・EC	109	77.5	□90	16.5	35	100	68.5	□90	16.5	35
	ED	119	87.5	□90	26.5	45	110	78.5	□90	26.5	45
	FA	109	77.5	□100	16.5	35	100	68.5	□100	16.5	35
	GA	109	77.5	□115	16.5	35	100	68.5	□115	16.5	35
MKES-060-□-□-19** (14＜S≦19)	DA・DB・DC	126	94.5	□80	25	50					
	DD	136	104.5	□80	35	60					
	DE	131	99.5	□80	30	55					
	EA	131	99.5	□90	30	55					
	EB	126	94.5	□90	25	50					
	EC	136	104.5	□90	35	60					
	FA	126	94.5	□100	25	50					
	FB	136	104.5	□100	35	60					
	GA・GC	131	99.5	□115	30	55					
	GB・GD	126	94.5	□115	25	50					
	HA	126	94.5	□130	25	50					
	HB	141	109.5	□130	40	65					
	HC・HD・HE	131	99.5	□130	30	55					

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

• Dimensional Drawing (Adapter)

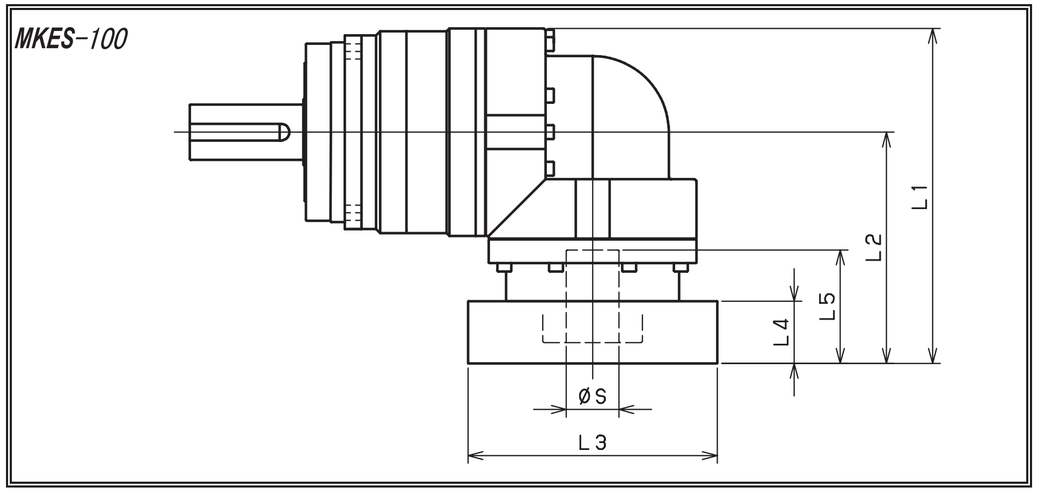


Model number	**:Adapter code	Single					Double				
		L1	L2	L3	L4	L5	L1	L2	L3	L4	L5
MKES-075-□-□-8** (S≦8)	AA・AC・AD・AF・AG						116	71.5	□52	15.5	32
	AB・AE・AH・AJ・AK						121	76.5	□52	20.5	37
	BA・BB・BD・BE						116	71.5	□60	15.5	32
	BC・BF						121	76.5	□60	20.5	37
	CA						121	76.5	□70	20.5	37
MKES-075-□-□-14** (8＜S≦14)	BA・BB・BD・BE・BF・BG・BJ・BK	137.5	92	□65	16.5	35	122	77.5	□65	16.5	35
	BC・BH	142.5	97	□65	21.5	40	127	82.5	□65	21.5	40
	BL	147.5	102	□65	26.5	45	132	87.5	□65	26.5	45
	CA	137.5	92	□70	16.5	35	122	77.5	□70	16.5	35
	CB	142.5	97	□70	21.5	40	127	82.5	□70	21.5	40
	DA・DB・DC・DD・DF・DH	137.5	92	□80	16.5	35	122	77.5	□80	16.5	35
	DE	142.5	97	□80	21.5	40	127	82.5	□80	21.5	40
	DG	147.5	102	□80	26.5	45	132	87.5	□80	26.5	45
	EA・EB・EC	137.5	92	□90	16.5	35	122	77.5	□90	16.5	35
	ED	147.5	102	□90	26.5	45	132	87.5	□90	26.5	45
	FA	137.5	92	□100	16.5	35	122	77.5	□100	16.5	35
	GA	137.5	92	□115	16.5	35	122	77.5	□115	16.5	35
MKES-075-□-□-19** (14＜S≦19)	DA・DB・DC	145.5	100	□80	25	50	139	94.5	□80	25	50
	DD	155.5	110	□80	35	60	149	104.5	□80	35	60
	DE	150.5	105	□80	30	55	144	99.5	□80	30	55
	EA	150.5	105	□90	30	55	144	99.5	□90	30	55
	EB	145.5	100	□90	25	50	139	94.5	□90	25	50
	EC	155.5	110	□90	35	60	149	104.5	□90	35	60
	FA	145.5	100	□100	25	50	139	94.5	□100	25	50
	FB	155.5	110	□100	35	60	149	104.5	□100	35	60
	GA・GC	150.5	105	□115	30	55	144	99.5	□115	30	55
	GB・GD	145.5	100	□115	25	50	139	94.5	□115	25	50
	HA	145.5	100	□130	25	50	139	94.5	□130	25	50
	HB	160.5	115	□130	40	65	154	109.5	□130	40	65
	HC・HD・HE	150.5	105	□130	30	55	144	99.5	□130	30	55
MKES-075-□-□-28** (19＜S≦28)	FA・FB・FC	174.5	129	□100	35	67					
	GA・GB・GC・GD・GE・GF・GG	174.5	129	□115	35	67					
	HA・HC・HD	174.5	129	□130	35	67					
	HB	184.5	139	□130	45	77					
	JA・JB・JC	174.5	129	□150	35	67					
	KA・KB	174.5	129	□180	35	67					
	LA	174.5	129	□200	35	67					
	MA	174.5	129	□220	35	67					

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

MKES - adapters

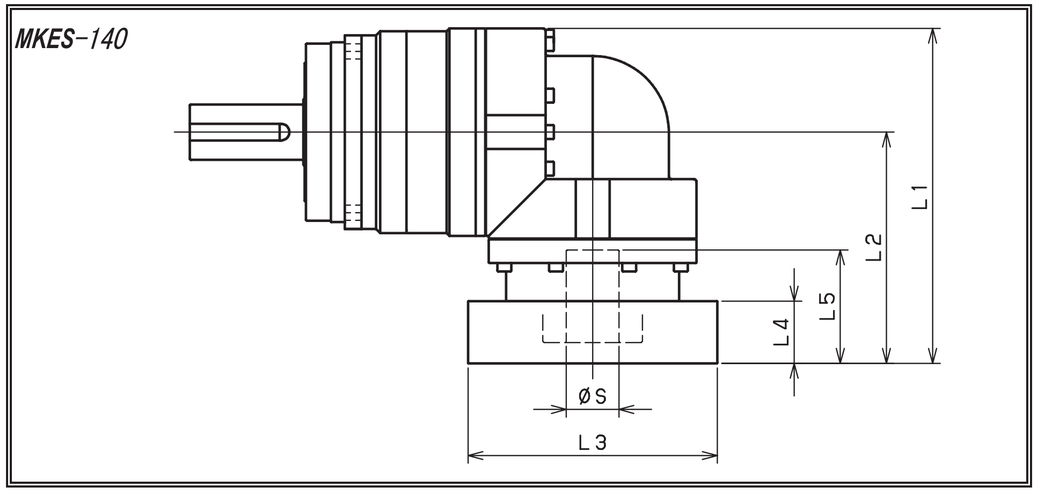
• Dimensional Drawing (Adapter)



Model number	**:Adapter code	Single					Double				
		L1	L2	L3	L4	L5	L1	L2	L3	L4	L5
MKES-100-□-□-14** (S≦14)	BA・BB・BD・BE・BF・BG・BJ・BK						152	92	□65	16.5	35
	BC・BH						157	97	□65	21.5	40
	BL						162	102	□65	26.5	45
	CA						152	92	□70	16.5	35
	CB						157	97	□70	21.5	40
	DA・DB・DC・DD・DF・DH						152	92	□80	16.5	35
	DE						157	97	□80	21.5	40
	DG						162	102	□80	26.5	45
	EA・EB・EC						152	92	□90	16.5	35
	ED						162	102	□90	26.5	45
	FA						152	92	□100	16.5	35
	GA						152	92	□115	16.5	35
MKES-100-□-□-19** (14＜S≦19)	DA・DB・DC	170	110	□80	25	50	160	100	□80	25	50
	DD	180	120	□80	35	60	170	110	□80	35	60
	DE	175	115	□80	30	55	165	105	□80	30	55
	EA	175	115	□90	30	55	165	105	□90	30	55
	EB	170	110	□90	25	50	160	100	□90	25	50
	EC	180	120	□90	35	60	170	110	□90	35	60
	FA	170	110	□100	25	50	160	100	□100	25	50
	FB	180	120	□100	35	60	170	110	□100	35	60
	GA・GC	175	115	□115	30	55	165	105	□115	30	55
	GB・GD	170	110	□115	25	50	160	100	□115	25	50
	HA	170	110	□130	25	50	160	100	□130	25	50
	HB	185	125	□130	40	65	175	115	□130	40	65
	HC・HD・HE	175	115	□130	30	55	165	105	□130	30	55
MKES-100-□-□-28** (19＜S≦28)	FA・FB・FC	196	136	□100	35	67	189	129	□100	35	67
	GA・GB・GC・GD・GE・GF・GG	196	136	□115	35	67	189	129	□115	35	67
	HA・HC・HD	196	136	□130	35	67	189	129	□130	35	67
	HB	206	146	□130	45	77	199	139	□130	45	77
	JA・JB・JC	196	136	□150	35	67	189	129	□150	35	67
	KA・KB	196	136	□180	35	67	189	129	□180	35	67
	LA	196	136	□200	35	67	189	129	□200	35	67
	MA	196	136	□220	35	67	189	129	□220	35	67
MKES-100-□-□-38** (28＜S≦38)	HA	213	153	□130	45	82					
	HB	208	148	□130	40	77					
	JA	213	153	□150	45	82					
	KA・KB・KC	213	153	□180	45	82					
	LA	213	153	□200	45	82					
	LB	223	163	□200	55	92					
	MA・MB	213	153	□220	45	82					
	NA	213	153	□250	45	82					

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

• Dimensional Drawing (Adapter)



Model number	**:Adapter code	Single					Double				
		L1	L2	L3	L4	L5	L1	L2	L3	L4	L5
MKES-140-□-□-19** (S≦19)	DA・DB・DC						185	110	□80	25	50
	DD						195	120	□80	35	60
	DE						190	115	□80	30	55
	EA						190	115	□90	30	55
	EB						185	110	□90	25	50
	EC						195	120	□90	35	60
	FA						185	110	□100	25	50
	FB						195	120	□100	35	60
	GA・GC						190	115	□115	30	55
	GB・GD						185	110	□115	25	50
	HA						185	110	□130	25	50
	HB						200	125	□130	40	65
	HC・HD・HE						190	115	□130	30	55
MKES-140-□-□-28** (19＜S≦28)	FA・FB・FC	227	152	□100	35	67	211	136	□100	35	67
	GA・GB・GC・GD・GE・GF・GG	227	152	□115	35	67	211	136	□115	35	67
	HA・HC・HD	227	152	□130	35	67	211	136	□130	35	67
	HB	237	162	□130	45	77	221	146	□130	45	77
	JA・JB・JC	227	152	□150	35	67	211	136	□150	35	67
	KA・KB	227	152	□180	35	67	211	136	□180	35	67
	LA	227	152	□200	35	67	211	136	□200	35	67
	MA	227	152	□220	35	67	211	136	□220	35	67
MKES-140-□-□-38** (28＜S≦38)	HA	242	167	□130	45	82	228	153	□130	45	82
	HB	237	162	□130	40	77	223	148	□130	40	77
	JA	242	167	□150	45	82	228	153	□150	45	82
	KA・KB・KC	242	167	□180	45	82	228	153	□180	45	82
	LA	242	167	□200	45	82	228	153	□200	45	82
	LB	252	177	□200	55	92	238	163	□200	55	92
	MA・MB	242	167	□220	45	82	228	153	□220	45	82
	NA	242	167	□250	45	82	228	153	□250	45	82
MKES-140-□-□-48** (38＜S≦48)	KB・KC	268	193	□180	55	98					
	KA	288	213	□180	75	118					
	LA	268	193	□200	55	98					
	MA	268	193	□220	55	98					
	MB	288	213	□220	75	118					
	NA	288	213	□250	75	118					
	PA	288	213	□280	75	118					

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