

Product list

Pinion shaft motor [Japanese version]

Size	Voltage Output	Induction				Reversible					3-phase		Electromagnetic brake, single-phase		Electromagnetic brake, 3-phase	Variable speed induction		Voltage Output	Size
		Leadwire type		Sealed connector type		Leadwire type		Sealed connector type			Leadwire type	Sealed connector type	Leadwire type		Leadwire type	Leadwire type			
		100 V	200 V	100 V	200 V	100 V	200 V	100 V	200 V		200/220 V	200/220 V	100 V	200 V	200/220 V	100 V	200 V		
		Page	Page	Page	Page	Page	Page	Page	Page	Page	Page	Page	Page	Page	Page	Page	Page		
42 mm sq. (1.65 inch sq.)	1 W	M41A1G4L				M4RA1G4L												1 W	42 mm sq. (1.65 inch sq.)
		B-10				B-72												3 W	
60 mm sq. (2.36 inch sq.)	3 W	M61X3G4L															M61X3GV4L	3 W	60 mm sq. (2.36 inch sq.)
		B-12															B-232	4 W	
	4 W					M6RX4G4L												6 W	
70 mm sq. (2.76 inch sq.)	6 W	M61X6G4L	M61X6G4Y			M6RX6G4L	M6RX6G4Y						M6RX6GB4L	M6RX6GB4Y		M61X6GV4L	M61X6GV4Y	6 W	70 mm sq. (2.76 inch sq.)
		B-14	B-14			B-76	B-76						B-178	B-178		B-234	B-234	10 W	
80 mm sq. (3.15 inch sq.)	10 W	M71X10G4L	M71X10G4Y			M7RX10G4L	M7RX10G4Y									M71X10GV4L	M71X10GV4Y	10 W	80 mm sq. (3.15 inch sq.)
		B-18	B-18			B-80	B-80									B-238	B-238	15 W	
90 mm sq. (3.54 inch sq.)	15 W	M71X15G4L	M71X15G4Y			M7RX15G4L	M7RX15G4Y						M7RX15GB4L	M7RX15GB4Y		M71X15GV4L	M71X15GV4Y	15 W	90 mm sq. (3.54 inch sq.)
		B-20	B-20			B-82	B-82						B-182	B-182		B-240	B-240	20 W	
	15 W	M81X15G4L	M81X15G4Y													M81X15GV4L	M81X15GV4Y	25 W	
80 mm sq. (3.15 inch sq.)	20 W					M8RX20G4L	M8RX20G4Y											20 W	80 mm sq. (3.15 inch sq.)
						B-86	B-86											25 W	
90 mm sq. (3.54 inch sq.)	25 W	M81X25G4L	M81X25G4Y	M81X25GK4L	M81X25GK4Y	M8RX25G4L	M8RX25G4Y	M8RX25GK4L	M8RX25GK4Y			M8MX25G4Y	M8MX25GK4Y	M8RX25GB4L	M8RX25GB4Y	M8MX25GB4Y	M81X25GV4L	M81X25GV4Y	40 W
		B-26	B-26	B-42	B-42	B-88	B-88	B-104	B-104			B-130	B-146	B-186	B-186	B-202	B-246	B-246	60 W
	40 W	M91X40G4L	M91X40G4Y	M91X40GK4L	M91X40GK4Y	M9RX40G4L	M9RX40G4Y	M9RX40GK4L	M9RX40GK4Y			M9MX40G4Y	M9MX40GK4Y	M9RX40GB4L	M9RX40GB4Y	M9MX40GB4Y	M91X40GV4L	M91X40GV4Y	90 W
90 mm sq. (3.54 inch sq.)	60 W	B-30	B-30	B-46	B-46	B-92	B-92	B-108	B-108			B-134	B-150	B-190	B-190	B-206	B-250	B-250	90 W
	60 W	M91Z60G4L	M91Z60G4Y	M91Z60GK4L	M91Z60GK4Y	M9RZ60G4L	M9RZ60G4Y	M9RZ60GK4L	M9RZ60GK4Y			M9MZ60G4Y	M9MZ60GK4Y	M9RZ60GB4L	M9RZ60GB4Y	M9MZ60GB4Y	M91Z60GV4L	M91Z60GV4Y	90 W
90 mm sq. (3.54 inch sq.)	90 W	B-34	B-34	B-50	B-50	B-96	B-96	B-112	B-112			B-138	B-154	B-194	B-194	B-210	B-254	B-254	90 W
	90 W	M91Z90G4L	M91Z90G4Y	M91Z90GK4L	M91Z90GK4Y	M9RZ90G4L	M9RZ90G4Y	M9RZ90GK4L	M9RZ90GK4Y			M9MZ90G4Y	M9MZ90GK4Y	M9RZ90GB4L	M9RZ90GB4Y	M9MZ90GB4Y	M91Z90GV4L	M91Z90GV4Y	90 W
		B-38	B-38	B-54	B-54	B-100	B-100	B-116	B-116			B-142	B-158	B-198	B-198	B-214	B-258	B-258	

Product list

Pinion shaft motor [Japanese version]

Size	Voltage Output	Variable speed reversible		Variable speed electromagnetic brake, single-phase		Variable speed unit				C&B induction				C&B 3-phase		C&B variable speed induction		Voltage Output	Size
		Leadwire type		Leadwire type		US series		UX series		Leadwire type		Sealed connector type		Leadwire type	Sealed connector type	Leadwire type			
		100 V	200 V	100 V	200 V	100 V	200 V	100 V	200 V	100 V	200 V	100 V	200 V	200/220 V	200/220 V	100 V	200 V		
		Page	Page	Page	Page	Page	Page	Page	Page	Page	Page	Page	Page	Page	Page	Page	Page		
42 mm sq. (1.65 inch sq.)	1 W																	1 W	42 mm sq. (1.65 inch sq.)
	3 W																	3 W	
60 mm sq. (2.36 inch sq.)	3 W																	3 W	60 mm sq. (2.36 inch sq.)
	4 W	M6RX4GV4L B-274																4 W	
	6 W	M6RX6GV4L B-276	M6RX6GV4Y B-276	M6RX6GBV4L B-314	M6RX6GBV4Y B-314	MUSN606GL B-328	MUSN606GY B-328	MUXN606GL B-328	MUXN606GY B-328		M61X6H4L B-352	M61X6H4Y B-352				M61X6HV4L B-388	M61X6HV4Y B-388	6 W	
70 mm sq. (2.76 inch sq.)	10 W	M7RX10GV4L B-280	M7RX10GV4Y B-280															10 W	70 mm sq. (2.76 inch sq.)
	15 W	M7RX15GV4L B-282	M7RX15GV4Y B-282	M7RX15GBV4L B-316	M7RX15GBV4Y B-316	MUSN715GL B-330	MUSN715GY B-330	MUXN715GL B-330	MUXN715GY B-330		M71X15H4L B-354	M71X15H4Y B-354				M71X15HV4L B-390	M71X15HV4Y B-390	15 W	
80 mm sq. (3.15 inch sq.)	15 W																	15 W	80 mm sq. (3.15 inch sq.)
	20 W	M8RX20GV4L B-286	M8RX20GV4Y B-286															20 W	
	25 W	M8RX25GV4L B-288	M8RX25GV4Y B-288	M8RX25GBV4L B-318	M8RX25GBV4Y B-318	MUSN825GL B-332	MUSN825GY B-332	MUXN825GL B-332	MUXN825GY B-332		M81X25H4L B-356	M81X25H4Y B-356	M81X25HK4L B-364	M81X25HK4Y B-364	M8MX25H4Y B-372	M8MX25HK4Y B-372	M81X25HV4L B-392	M81X25HV4Y B-392	
90 mm sq. (3.54 inch sq.)	40 W	M9RX40GV4L B-292	M9RX40GV4Y B-292	M9RX40GBV4L B-320	M9RX40GBV4Y B-320	MUSN940GL B-334	MUSN940GY B-334	MUXN940GL B-334	MUXN940GY B-334		M91X40H4L B-358	M91X40H4Y B-358	M91X40HK4L B-366	M91X40HK4Y B-366	M9MX40H4Y B-374	M9MX40HK4Y B-374	M91X40HV4L B-394	M91X40HV4Y B-394	40 W
	60 W	M9RZ60GV4L B-296	M9RZ60GV4Y B-296			MUSN960GL B-336	MUSN960GY B-336	MUXN960GL B-336	MUXN960GY B-336		M91Z60H4L B-360	M91Z60H4Y B-360	M91Z60HK4L B-368	M91Z60HK4Y B-368	M9MZ60H4Y B-376	M9MZ60HK4Y B-376	M91Z60HV4L B-396	M91Z60HV4Y B-396	60 W
	90 W	M9RZ90GV4L B-300	M9RZ90GV4Y B-300			MUSN990GL B-338	MUSN990GY B-338	MUXN990GL B-338	MUXN990GY B-338		M91Z90H4L B-362	M91Z90H4Y B-362	M91Z90HK4L B-370	M91Z90HK4Y B-370	M9MZ90H4Y B-378	M9MZ90HK4Y B-378	M91Z90HV4L B-398	M91Z90HV4Y B-398	90 W

Product list

Round shaft motor [Japanese version]

Size	Voltage Output	Induction				Reversible					3-phase		Electromagnetic brake, single-phase		Electromagnetic brake, 3-phase	Variable speed induction		Voltage Output	Size	
		Leadwire type		Sealed connector type		Leadwire type		Sealed connector type			Leadwire type	Sealed connector type	Leadwire type		Leadwire type	Leadwire type				
		100 V	200 V	100 V	200 V	100 V	200 V	100 V	200 V		200/220 V	200/220 V	100 V	200 V	200/220 V	100 V	200 V			
		Page	Page	Page	Page	Page	Page	Page	Page	Page	Page	Page	Page	Page	Page	Page	Page			
42 mm sq. (1.65 inch sq.)	1 W	M41A1S4L				M4RA1S4L												1 W	42 mm sq. (1.65 inch sq.)	
		B-61				B-123														
60 mm sq. (2.36 inch sq.)	3 W	M61X3S4LS														M61X3SV4LS		3 W	60 mm sq. (2.36 inch sq.)	
		B-61														B-264				
60 mm sq. (2.36 inch sq.)	4 W					M6RX4S4LS												4 W	60 mm sq. (2.36 inch sq.)	
						B-123														
	6 W	M61X6S4LS	M61X6S4YS			M6RX6S4LS	M6RX6S4YS					M6RX6SB4LS	M6RX6SB4YS		M61X6SV4LS	M61X6SV4YS	6 W			
		B-61	B-61			B-123	B-123					B-220	B-220		B-264	B-264				
70 mm sq. (2.76 inch sq.)	10 W	M71X10S4LS	M71X10S4YS			M7RX10S4LS	M7RX10S4YS								M71X10SV4LS	M71X10SV4YS	10 W	70 mm sq. (2.76 inch sq.)		
		B-61	B-61			B-123	B-123								B-264	B-264				
	15 W	M71X15S4LS	M71X15S4YS			M7RX15S4LS	M7RX15S4YS					M7RX15SB4LS	M7RX15SB4YS		M71X15SV4LS	M71X15SV4YS	15 W			
		B-61	B-61			B-123	B-123					B-220	B-220		B-264	B-264				
80 mm sq. (3.15 inch sq.)	15 W	M81X15S4LS	M81X15S4YS												M81X15SV4LS	M81X15SV4YS	15 W	80 mm sq. (3.15 inch sq.)		
		B-61	B-61												B-264	B-264				
	20 W					M8RX20S4LS	M8RX20S4YS										20 W			
					B-123	B-123														
80 mm sq. (3.15 inch sq.)	25 W	M81X25S4LS	M81X25S4YS	M81X25SK4LS	M81X25SK4YS	M8RX25S4LS	M8RX25S4YS	M8RX25SK4LS	M8RX25SK4YS		M8MX25S4YS	M8MX25SK4YS	M8RX25SB4LS	M8RX25SB4YS	M8MX25SB4YS	M81X25SV4LS	M81X25SV4YS	25 W	80 mm sq. (3.15 inch sq.)	
		B-61	B-61	B-62	B-62	B-123	B-123	B-124	B-124		B-164	B-165	B-220	B-220	B-221	B-264	B-264			
90 mm sq. (3.54 inch sq.)	40 W	M91X40S4LS	M91X40S4YS	M91X40SK4LS	M91X40SK4YS	M9RX40S4LS	M9RX40S4YS	M9RX40SK4LS	M9RX40SK4YS		M9MX40S4YS	M9MX40SK4YS	M9RX40SB4LS	M9RX40SB4YS	M9MX40SB4YS	M91X40SV4LS	M91X40SV4YS	40 W	90 mm sq. (3.54 inch sq.)	
		B-61	B-61	B-62	B-62	B-123	B-123	B-124	B-124		B-164	B-165	B-220	B-220	B-221	B-265	B-265			
	60 W	M91Z60S4LS	M91Z60S4YS	M91Z60SK4LS	M91Z60SK4YS	M9RZ60S4LS	M9RZ60S4YS	M9RZ60SK4LS	M9RZ60SK4YS		M9MZ60S4YS	M9MZ60SK4YS	M9RZ60SB4LS	M9RZ60SB4YS	M9MZ60SB4YS	M91Z60SV4LS	M91Z60SV4YS	60 W		
		B-62	B-62	B-62	B-62	B-124	B-124	B-124	B-124		B-164	B-165	B-220	B-220	B-221	B-265	B-265			
90 mm sq. (3.54 inch sq.)	90 W	M91Z90S4LS	M91Z90S4YS	M91Z90SK4LS	M91Z90SK4YS	M9RZ90S4LS	M9RZ90S4YS	M9RZ90SK4LS	M9RZ90SK4YS		M9MZ90S4YS	M9MZ90SK4YS	M9RZ90SB4LS	M9RZ90SB4YS	M9MZ90SB4YS	M91Z90SV4LS	M91Z90SV4YS	90 W	90 mm sq. (3.54 inch sq.)	
		B-62	B-62	B-62	B-62	B-124	B-124	B-124	B-124		B-164	B-165	B-220	B-220	B-221	B-265	B-265			

Product list

Round shaft motor [Japanese version]

2-pole motor [Japanese version]

Pinion shaft motor [International standard approved]



• Pinion shaft • Round shaft

		Variable speed reversible	
		Leadwire type	
Size	Voltage	100 V	200 V
	Output	Page	Page
42 mm sq. (1.65 inch sq.)	1 W		
	3 W		
60 mm sq. (2.36 inch sq.)	3 W		
	4 W	M6RX4SV4LS B-306	
	6 W	M6RX6SV4LS B-306	M6RX6SV4YS B-306
70 mm sq. (2.76 inch sq.)	10 W	M7RX10SV4LS B-306	M7RX10SV4YS B-306
	15 W	M7RX15SV4LS B-306	M7RX15SV4YS B-306
80 mm sq. (3.15 inch sq.)	15 W		
	20 W	M8RX20SV4LS B-306	M8RX20SV4YS B-306
	25 W	M8RX25SV4LS B-306	M8RX25SV4YS B-306
90 mm sq. (3.54 inch sq.)	40 W	M9RX40SV4LS B-307	M9RX40SV4YS B-307
	60 W	M9RZ60SV4LS B-307	M9RZ60SV4YS B-307
	90 W	M9RZ90SV4LS B-307	M9RZ90SV4YS B-307

		Induction	Induction	3-phase
		Leadwire type	Leadwire type	Leadwire type
Size	Voltage	100 V	100 V	200 V
	Output	Page	Page	Page
42 mm sq. (1.65 inch sq.)	1 W			
	3 W	M41A3G2L B-8	M41A3S2L B-408	
60 mm sq. (2.36 inch sq.)	3 W			
	4 W			
	6 W			
70 mm sq. (2.76 inch sq.)	10 W			
	15 W			
80 mm sq. (3.15 inch sq.)	20 W		M81X20S2LS B-409	M81X20S2YS B-409
	40 W		M81X40S2LS B-410	M81X40S2YS B-410
	60 W		M81X60S2LS B-412	M81X60S2YS B-412
90 mm sq. (3.54 inch sq.)	60 W		M91X60S2LS B-414	M91X60S2YS B-414
	90 W		M91Z90S2LS B-416	M91Z90S2YS B-416
	150 W		M91ZA5S2LS B-418	M91ZA5S2YS B-418

<The models with a motor model number to which "A" is suffixed are not equipped with a capacitor cap.>

		Induction							
		Leadwire type				Sealed connector type			
Size	Voltage	100 V	110/115 V	200 V	220/230 V	100 V	110/115 V	200 V	220/230 V
	Output	Page	Page	Page	Page	Page	Page	Page	Page
42 mm sq. (1.65 inch sq.)	1 W								
	3 W								
60 mm sq. (2.36 inch sq.)	3 W								
	4 W								
	6 W	M61X6G4LG M61X6G4LGA B-16	M61X6G4DG M61X6G4DGA B-16	M61X6G4YG M61X6G4YGA B-16	M61X6G4GG M61X6G4GGA B-16				
70 mm sq. (2.76 inch sq.)	10 W								
	15 W	M71X15G4LG M71X15G4LGA B-22	M71X15G4DG M71X15G4DGA B-22	M71X15G4YG M71X15G4YGA B-22	M71X15G4GG M71X15G4GGA B-22				
80 mm sq. (3.15 inch sq.)	15 W								
	20 W								
	25 W	M81X25G4LG M81X25G4LGA B-28	M81X25G4DG M81X25G4DGA B-28	M81X25G4YG M81X25G4YGA B-28	M81X25G4GG M81X25G4GGA B-28	M81X25GK4LG M81X25GK4LGA B-44	M81X25GK4DG M81X25GK4DGA B-44	M81X25GK4YG M81X25GK4YGA B-44	M81X25GK4GG M81X25GK4GGA B-44
90 mm sq. (3.54 inch sq.)	40 W	M91X40G4LG M91X40G4LGA B-32	M91X40G4DG M91X40G4DGA B-32	M91X40G4YG M91X40G4YGA B-32	M91X40G4GG M91X40G4GGA B-32	M91X40GK4LG M91X40GK4LGA B-48	M91X40GK4DG M91X40GK4DGA B-48	M91X40GK4YG M91X40GK4YGA B-48	M91X40GK4GG M91X40GK4GGA B-48
	60 W	M91Z60G4LG M91Z60G4LGA B-36	M91Z60G4DG M91Z60G4DGA B-36	M91Z60G4YG M91Z60G4YGA B-36	M91Z60G4GG M91Z60G4GGA B-36	M91Z60GK4LG M91Z60GK4LGA B-52	M91Z60GK4DG M91Z60GK4DGA B-52	M91Z60GK4YG M91Z60GK4YGA B-52	M91Z60GK4GG M91Z60GK4GGA B-52
	90 W	M91Z90G4LG M91Z90G4LGA B-40	M91Z90G4DG M91Z90G4DGA B-40	M91Z90G4YG M91Z90G4YGA B-40	M91Z90G4GG M91Z90G4GGA B-40	M91Z90GK4LG M91Z90GK4LGA B-56	M91Z90GK4DG M91Z90GK4DGA B-56	M91Z90GK4YG M91Z90GK4YGA B-56	M91Z90GK4GG M91Z90GK4GGA B-56

* The models with a model number to which "A" is suffixed (not equipped with a capacitor cap) are not sold or available in Japan.

Product list

Pinion shaft motor [International standard approved]



<The models with a motor model number to which "A" is suffixed are not equipped with a capacitor cap.>

Size	Voltage Output	Reversible								3-phase	Electromagnetic brake, single-phase				Electromagnetic brake, 3-phase	Voltage Output	Size				
		Leadwire type				Sealed connector type					Leadwire type	Leadwire type									
		100 V	110/115V	200 V	220/230 V	100 V	110/115V	200 V	220/230 V			200/220/230 V	200/220/230 V	380/400 V				100 V	110/115V	200 V	220/230 V
Page	Page	Page	Page	Page	Page	Page	Page	Page	Page	Page	Page	Page	Page	Page	Page						
42 mm sq. (1.65 inch sq.)	1 W																	1 W	42 mm sq. (1.65 inch sq.)		
	3 W																	3 W			
60 mm sq. (2.36 inch sq.)	3 W																	3 W	60 mm sq. (2.36 inch sq.)		
	4 W																	4 W			
	6 W	M6RX6G4LG M6RX6G4LGA B-78	M6RX6G4DG M6RX6G4DGA B-78	M6RX6G4YG M6RX6G4YGA B-78	M6RX6G4GG M6RX6G4GGA B-78								M6RX6GB4LG M6RX6GB4LGA B-180	M6RX6GB4DG M6RX6GB4DGA B-180	M6RX6GB4YG M6RX6GB4YGA B-180	M6RX6GB4GG M6RX6GB4GGA B-180				6 W	
70 mm sq. (2.76 inch sq.)	10 W																	10 W	70 mm sq. (2.76 inch sq.)		
	15 W	M7RX15G4LG M7RX15G4LGA B-84	M7RX15G4DG M7RX15G4DGA B-84	M7RX15G4YG M7RX15G4YGA B-84	M7RX15G4GG M7RX15G4GGA B-84								M7RX15GB4LG M7RX15GB4LGA B-184	M7RX15GB4DG M7RX15GB4DGA B-184	M7RX15GB4YG M7RX15GB4YGA B-184	M7RX15GB4GG M7RX15GB4GGA B-184				15 W	
80 mm sq. (3.15 inch sq.)	15 W																	15 W	80 mm sq. (3.15 inch sq.)		
	20 W																	20 W			
	25 W	M8RX25G4LG M8RX25G4LGA B-90	M8RX25G4DG M8RX25G4DGA B-90	M8RX25G4YG M8RX25G4YGA B-90	M8RX25G4GG M8RX25G4GGA B-90	M8RX25GK4LG M8RX25GK4LGA B-106	M8RX25GK4DG M8RX25GK4DGA B-106	M8RX25GK4YG M8RX25GK4YGA B-106	M8RX25GK4GG M8RX25GK4GGA B-106				M8MX25G4YG M8MX25G4YGA B-132	M8MX25GK4YG M8MX25GK4YGA B-148	M8MX25GK4CG M8MX25GK4CGA B-148	M8RX25GB4LG M8RX25GB4LGA B-188	M8RX25GB4DG M8RX25GB4DGA B-188	M8RX25GB4YG M8RX25GB4YGA B-188		M8RX25GB4GG M8RX25GB4GGA B-188	M8MX25GB4YG M8MX25GB4YGA B-204
90 mm sq. (3.54 inch sq.)	40 W	M9RX40G4LG M9RX40G4LGA B-94	M9RX40G4DG M9RX40G4DGA B-94	M9RX40G4YG M9RX40G4YGA B-94	M9RX40G4GG M9RX40G4GGA B-94	M9RX40GK4LG M9RX40GK4LGA B-110	M9RX40GK4DG M9RX40GK4DGA B-110	M9RX40GK4YG M9RX40GK4YGA B-110	M9RX40GK4GG M9RX40GK4GGA B-110				M9MX40G4YG M9MX40G4YGA B-136	M9MX40GK4YG M9MX40GK4YGA B-152	M9MX40GK4CG M9MX40GK4CGA B-152	M9RX40GB4LG M9RX40GB4LGA B-192	M9RX40GB4DG M9RX40GB4DGA B-192	M9RX40GB4YG M9RX40GB4YGA B-192	M9RX40GB4GG M9RX40GB4GGA B-192	M9MX40GB4YG M9MX40GB4YGA B-208	40 W
	60 W	M9RZ60G4LG M9RZ60G4LGA B-98	M9RZ60G4DG M9RZ60G4DGA B-98	M9RZ60G4YG M9RZ60G4YGA B-98	M9RZ60G4GG M9RZ60G4GGA B-98	M9RZ60GK4LG M9RZ60GK4LGA B-114	M9RZ60GK4DG M9RZ60GK4DGA B-114	M9RZ60GK4YG M9RZ60GK4YGA B-114	M9RZ60GK4GG M9RZ60GK4GGA B-114				M9MZ60G4YG M9MZ60G4YGA B-140	M9MZ60GK4YG M9MZ60GK4YGA B-156	M9MZ60GK4CG M9MZ60GK4CGA B-156	M9RZ60GB4LG M9RZ60GB4LGA B-196	M9RZ60GB4DG M9RZ60GB4DGA B-196	M9RZ60GB4YG M9RZ60GB4YGA B-196	M9RZ60GB4GG M9RZ60GB4GGA B-196	M9MZ60GB4YG M9MZ60GB4YGA B-212	60 W
	90 W	M9RZ90G4LG M9RZ90G4LGA B-102	M9RZ90G4DG M9RZ90G4DGA B-102	M9RZ90G4YG M9RZ90G4YGA B-102	M9RZ90G4GG M9RZ90G4GGA B-102	M9RZ90GK4LG M9RZ90GK4LGA B-118	M9RZ90GK4DG M9RZ90GK4DGA B-118	M9RZ90GK4YG M9RZ90GK4YGA B-118	M9RZ90GK4GG M9RZ90GK4GGA B-118				M9MZ90G4YG M9MZ90G4YGA B-144	M9MZ90GK4YG M9MZ90GK4YGA B-160	M9MZ90GK4CG M9MZ90GK4CGA B-160	M9RZ90GB4LG M9RZ90GB4LGA B-200	M9RZ90GB4DG M9RZ90GB4DGA B-200	M9RZ90GB4YG M9RZ90GB4YGA B-200	M9RZ90GB4GG M9RZ90GB4GGA B-200	M9MZ90GB4YG M9MZ90GB4YGA B-216	90 W

* The models with a model number to which "A" is suffixed (not equipped with a capacitor cap) are not sold or available in Japan.

Product list

Pinion shaft motor [International standard approved]



Round shaft motor [International standard approved]



<The models with a motor model number to which "A" is suffixed are not equipped with a capacitor cap.>

Size	Voltage Output	Variable speed induction				Variable speed reversible				Induction								Voltage Output	Size			
		Leadwire type 				Leadwire type 				Leadwire type 				Sealed connector type 								
		100 V	110/115V	200 V	220/230 V	100 V	110/115V	200 V	220/230 V	100 V	110/115V	200 V	220/230 V	100 V	110/115V	200 V	220/230 V					
Page	Page	Page	Page	Page	Page	Page	Page	Page	Page	Page	Page	Page	Page	Page	Page	Page						
42 mm sq. (1.65 inch sq.)	1 W																	1 W	42 mm sq. (1.65 inch sq.)			
	3 W																	3 W				
60 mm sq. (2.36 inch sq.)	3 W																	3 W	60 mm sq. (2.36 inch sq.)			
	4 W																	4 W				
	6 W	M61X6GV4LG M61X6GV4LGA	M61X6GV4DG M61X6GV4DGA	M61X6GV4YG M61X6GV4YGA	M61X6GV4GG M61X6GV4GGA	M6RX6GV4LG M6RX6GV4LGA	M6RX6GV4DG M6RX6GV4DGA	M6RX6GV4YG M6RX6GV4YGA	M6RX6GV4GG M6RX6GV4GGA					M61X6S4LG M61X6S4LGA	M61X6S4DG M61X6S4DGA	M61X6S4YG M61X6S4YGA	M61X6S4GG M61X6S4GGA				6 W	
		B-236	B-236	B-236	B-236	B-278	B-278	B-278	B-278					B-61	B-61	B-61	B-61					
70 mm sq. (2.76 inch sq.)	10 W																	10 W	70 mm sq. (2.76 inch sq.)			
	15 W	M71X15GV4LG M71X15GV4LGA	M71X15GV4DG M71X15GV4DGA	M71X15GV4YG M71X15GV4YGA	M71X15GV4GG M71X15GV4GGA	M7RX15GV4LG M7RX15GV4LGA	M7RX15GV4DG M7RX15GV4DGA	M7RX15GV4YG M7RX15GV4YGA	M7RX15GV4GG M7RX15GV4GGA					M71X15S4LG M71X15S4LGA	M71X15S4DG M71X15S4DGA	M71X15S4YG M71X15S4YGA	M71X15S4GG M71X15S4GGA				15 W	
			B-242	B-242	B-242	B-242	B-284	B-284	B-284	B-284					B-61	B-61	B-61	B-61				
80 mm sq. (3.15 inch sq.)	15 W																	15 W	80 mm sq. (3.15 inch sq.)			
	20 W																	20 W				
	25 W	M81X25GV4LG M81X25GV4LGA	M81X25GV4DG M81X25GV4DGA	M81X25GV4YG M81X25GV4YGA	M81X25GV4GG M81X25GV4GGA	M8RX25GV4LG M8RX25GV4LGA	M8RX25GV4DG M8RX25GV4DGA	M8RX25GV4YG M8RX25GV4YGA	M8RX25GV4GG M8RX25GV4GGA					M81X25S4LG M81X25S4LGA	M81X25S4DG M81X25S4DGA	M81X25S4YG M81X25S4YGA	M81X25S4GG M81X25S4GGA	M81X25SK4LG M81X25SK4LGA		M81X25SK4DG M81X25SK4DGA	M81X25SK4YG M81X25SK4YGA	M81X25SK4GG M81X25SK4GGA
			B-248	B-248	B-248	B-248	B-290	B-290	B-290	B-290					B-61	B-61	B-61	B-61	B-62	B-62	B-62	B-62
90 mm sq. (3.54 inch sq.)	40 W	M91X40GV4LG M91X40GV4LGA	M91X40GV4DG M91X40GV4DGA	M91X40GV4YG M91X40GV4YGA	M91X40GV4GG M91X40GV4GGA	M9RX40GV4LG M9RX40GV4LGA	M9RX40GV4DG M9RX40GV4DGA	M9RX40GV4YG M9RX40GV4YGA	M9RX40GV4GG M9RX40GV4GGA					M91X40S4LG M91X40S4LGA	M91X40S4DG M91X40S4DGA	M91X40S4YG M91X40S4YGA	M91X40S4GG M91X40S4GGA	M91X40SK4LG M91X40SK4LGA	M91X40SK4DG M91X40SK4DGA	M91X40SK4YG M91X40SK4YGA	M91X40SK4GG M91X40SK4GGA	40 W
	60 W	M91Z60GV4LG M91Z60GV4LGA	M91Z60GV4DG M91Z60GV4DGA	M91Z60GV4YG M91Z60GV4YGA	M91Z60GV4GG M91Z60GV4GGA	M9RZ60GV4LG M9RZ60GV4LGA	M9RZ60GV4DG M9RZ60GV4DGA	M9RZ60GV4YG M9RZ60GV4YGA	M9RZ60GV4GG M9RZ60GV4GGA					M91Z60S4LG M91Z60S4LGA	M91Z60S4DG M91Z60S4DGA	M91Z60S4YG M91Z60S4YGA	M91Z60S4GG M91Z60S4GGA	M91Z60SK4LG M91Z60SK4LGA	M91Z60SK4DG M91Z60SK4DGA	M91Z60SK4YG M91Z60SK4YGA	M91Z60SK4GG M91Z60SK4GGA	60 W
	90 W	M91Z90GV4LG M91Z90GV4LGA	M91Z90GV4DG M91Z90GV4DGA	M91Z90GV4YG M91Z90GV4YGA	M91Z90GV4GG M91Z90GV4GGA	M9RZ90GV4LG M9RZ90GV4LGA	M9RZ90GV4DG M9RZ90GV4DGA	M9RZ90GV4YG M9RZ90GV4YGA	M9RZ90GV4GG M9RZ90GV4GGA					M91Z90S4LG M91Z90S4LGA	M91Z90S4DG M91Z90S4DGA	M91Z90S4YG M91Z90S4YGA	M91Z90S4GG M91Z90S4GGA	M91Z90SK4LG M91Z90SK4LGA	M91Z90SK4DG M91Z90SK4DGA	M91Z90SK4YG M91Z90SK4YGA	M91Z90SK4GG M91Z90SK4GGA	90 W
			B-252	B-252	B-252	B-252	B-294	B-294	B-294	B-294					B-61	B-61	B-61	B-61	B-62	B-62	B-62	B-62
			B-256	B-256	B-256	B-256	B-298	B-298	B-298	B-298					B-62	B-62	B-62	B-62	B-62	B-62	B-62	B-62
			B-260	B-260	B-260	B-260	B-302	B-302	B-302	B-302					B-62	B-62	B-62	B-62	B-62	B-62	B-62	B-62





* The models with a model number to which "A" is suffixed (not equipped with a capacitor cap) are not sold or available in Japan.

Product list

Round shaft motor [International standard approved]



<The models with a motor model number to which "A" is suffixed are not equipped with a capacitor cap.>

Size	Voltage Output	Reversible								3-phase	Electromagnetic brake, single-phase				Electromagnetic brake, 3-phase	Voltage Output	Size				
		Leadwire type 				Sealed connector type 					Leadwire type 							Leadwire type 			
		100 V	110/115 V	200 V	220/230 V	100 V	110/115 V	200 V	220/230 V		200/220/230 V	200/220/230 V	380/400 V	100 V				110/115 V	200 V	220/230 V	200/220/230 V
Page	Page	Page	Page	Page	Page	Page	Page	Page	Page	Page	Page	Page	Page	Page	Page						
42 mm sq. (1.65 inch sq.)	1 W																	1 W	42 mm sq. (1.65 inch sq.)		
	3 W																	3 W			
60 mm sq. (2.36 inch sq.)	3 W																	3 W	60 mm sq. (2.36 inch sq.)		
	4 W																	4 W			
	6 W	M6RX6S4LG M6RX6S4LGA B-123	M6RX6S4DG M6RX6S4DGA B-123	M6RX6S4YG M6RX6S4YGA B-123	M6RX6S4GG M6RX6S4GGA B-123								M6RX6SB4LG M6RX6SB4LGA B-220	M6RX6SB4DG M6RX6SB4DGA B-220	M6RX6SB4YG M6RX6SB4YGA B-220	M6RX6SB4GG M6RX6SB4GGA B-220		6 W			
70 mm sq. (2.76 inch sq.)	10 W																	10 W	70 mm sq. (2.76 inch sq.)		
	15 W	M7RX15S4LG M7RX15S4LGA B-123	M7RX15S4DG M7RX15S4DGA B-123	M7RX15S4YG M7RX15S4YGA B-123	M7RX15S4GG M7RX15S4GGA B-123								M7RX15SB4LG M7RX15SB4LGA B-220	M7RX15SB4DG M7RX15SB4DGA B-220	M7RX15SB4YG M7RX15SB4YGA B-220	M7RX15SB4GG M7RX15SB4GGA B-220		15 W			
80 mm sq. (3.15 inch sq.)	15 W																	15 W	80 mm sq. (3.15 inch sq.)		
	20 W																	20 W			
	25 W	M8RX25S4LG M8RX25S4LGA B-123	M8RX25S4DG M8RX25S4DGA B-123	M8RX25S4YG M8RX25S4YGA B-123	M8RX25S4GG M8RX25S4GGA B-123	M8RX25SK4LG M8RX25SK4LGA B-124	M8RX25SK4DG M8RX25SK4DGA B-124	M8RX25SK4YG M8RX25SK4YGA B-124	M8RX25SK4GG M8RX25SK4GGA B-124				M8MX25S4YG M8MX25S4YGA B-164	M8MX25SK4YG M8MX25SK4YGA B-165	M8MX25SK4CG M8MX25SK4CGA B-165	M8RX25SB4LG M8RX25SB4LGA B-220	M8RX25SB4DG M8RX25SB4DGA B-220	M8RX25SB4YG M8RX25SB4YGA B-220		M8RX25SB4GG M8RX25SB4GGA B-220	M8MX25SB4YG M8MX25SB4YGA B-221
90 mm sq. (3.54 inch sq.)	40 W	M9RX40S4LG M9RX40S4LGA B-123	M9RX40S4DG M9RX40S4DGA B-123	M9RX40S4YG M9RX40S4YGA B-123	M9RX40S4GG M9RX40S4GGA B-123	M9RX40SK4LG M9RX40SK4LGA B-124	M9RX40SK4DG M9RX40SK4DGA B-124	M9RX40SK4YG M9RX40SK4YGA B-124	M9RX40SK4GG M9RX40SK4GGA B-124				M9MX40S4YG M9MX40S4YGA B-164	M9MX40SK4YG M9MX40SK4YGA B-165	M9MX40SK4CG M9MX40SK4CGA B-165	M9RX40SB4LG M9RX40SB4LGA B-220	M9RX40SB4DG M9RX40SB4DGA B-220	M9RX40SB4YG M9RX40SB4YGA B-220	M9RX40SB4GG M9RX40SB4GGA B-220	M9MX40SB4YG M9MX40SB4YGA B-221	40 W
	60 W	M9RZ60S4LG M9RZ60S4LGA B-124	M9RZ60S4DG M9RZ60S4DGA B-124	M9RZ60S4YG M9RZ60S4YGA B-124	M9RZ60S4GG M9RZ60S4GGA B-124	M9RZ60SK4LG M9RZ60SK4LGA B-124	M9RZ60SK4DG M9RZ60SK4DGA B-124	M9RZ60SK4YG M9RZ60SK4YGA B-124	M9RZ60SK4GG M9RZ60SK4GGA B-124				M9MZ60S4YG M9MZ60S4YGA B-164	M9MZ60SK4YG M9MZ60SK4YGA B-165	M9MZ60SK4CG M9MZ60SK4CGA B-165	M9RZ60SB4LG M9RZ60SB4LGA B-220	M9RZ60SB4DG M9RZ60SB4DGA B-220	M9RZ60SB4YG M9RZ60SB4YGA B-220	M9RZ60SB4GG M9RZ60SB4GGA B-220	M9MZ60SB4YG M9MZ60SB4YGA B-221	60 W
	90 W	M9RZ90S4LG M9RZ90S4LGA B-124	M9RZ90S4DG M9RZ90S4DGA B-124	M9RZ90S4YG M9RZ90S4YGA B-124	M9RZ90S4GG M9RZ90S4GGA B-124	M9RZ90SK4LG M9RZ90SK4LGA B-124	M9RZ90SK4DG M9RZ90SK4DGA B-124	M9RZ90SK4YG M9RZ90SK4YGA B-124	M9RZ90SK4GG M9RZ90SK4GGA B-124				M9MZ90S4YG M9MZ90S4YGA B-164	M9MZ90SK4YG M9MZ90SK4YGA B-165	M9MZ90SK4CG M9MZ90SK4CGA B-165	M9RZ90SB4LG M9RZ90SB4LGA B-220	M9RZ90SB4DG M9RZ90SB4DGA B-220	M9RZ90SB4YG M9RZ90SB4YGA B-220	M9RZ90SB4GG M9RZ90SB4GGA B-220	M9MZ90SB4YG M9MZ90SB4YGA B-221	90 W

* The models with a model number to which "A" is suffixed (not equipped with a capacitor cap) are not sold or available in Japan.

Product list

Round shaft motor [International standard approved]





2-pole round shaft motor [International standard approved]



		Variable speed induction				Variable speed reversible				
		Leadwire type 				Leadwire type 				
Size	Voltage	100 V	110/115V	200 V	220/230 V	100 V	110/115V	200 V	220/230 V	
	Output	Page	Page	Page	Page	Page	Page	Page	Page	
42 mm sq. (1.65 inch sq.)	1 W									
	3 W									
60 mm sq. (2.36 inch sq.)	3 W									
	4 W									
	6 W	M61X6SV4LG M61X6SV4LGA	M61X6SV4DG M61X6SV4DGA	M61X6SV4YG M61X6SV4YGA	M61X6SV4GG M61X6SV4GGA	M6RX6SV4LG M6RX6SV4LGA	M6RX6SV4DG M6RX6SV4DGA	M6RX6SV4YG M6RX6SV4YGA	M6RX6SV4GG M6RX6SV4GGA	
		B-264	B-264	B-264	B-264	B-306	B-306	B-306	B-306	
70 mm sq. (2.76 inch sq.)	10 W									
	15 W	M71X15SV4LG M71X15SV4LGA	M71X15SV4DG M71X15SV4DGA	M71X15SV4YG M71X15SV4YGA	M71X15SV4GG M71X15SV4GGA	M7RX15SV4LG M7RX15SV4LGA	M7RX15SV4DG M7RX15SV4DGA	M7RX15SV4YG M7RX15SV4YGA	M7RX15SV4GG M7RX15SV4GGA	
		B-264	B-264	B-264	B-264	B-306	B-306	B-306	B-306	
80 mm sq. (3.15 inch sq.)	15 W									
	20 W									
	25 W	M81X25SV4LG M81X25SV4LGA	M81X25SV4DG M81X25SV4DGA	M81X25SV4YG M81X25SV4YGA	M81X25SV4GG M81X25SV4GGA	M8RX25SV4LG M8RX25SV4LGA	M8RX25SV4DG M8RX25SV4DGA	M8RX25SV4YG M8RX25SV4YGA	M8RX25SV4GG M8RX25SV4GGA	
		B-264	B-264	B-264	B-264	B-306	B-306	B-306	B-306	
90 mm sq. (3.54 inch sq.)	40 W	M91X40SV4LG M91X40SV4LGA	M91X40SV4DG M91X40SV4DGA	M91X40SV4YG M91X40SV4YGA	M91X40SV4GG M91X40SV4GGA	M9RX40SV4LG M9RX40SV4LGA	M9RX40SV4DG M9RX40SV4DGA	M9RX40SV4YG M9RX40SV4YGA	M9RX40SV4GG M9RX40SV4GGA	
			B-265	B-265	B-265	B-265	B-307	B-307	B-307	B-307
	60 W	M91Z60SV4LG M91Z60SV4LGA	M91Z60SV4DG M91Z60SV4DGA	M91Z60SV4YG M91Z60SV4YGA	M91Z60SV4GG M91Z60SV4GGA	M9RZ60SV4LG M9RZ60SV4LGA	M9RZ60SV4DG M9RZ60SV4DGA	M9RZ60SV4YG M9RZ60SV4YGA	M9RZ60SV4GG M9RZ60SV4GGA	
		B-265	B-265	B-265	B-265	B-307	B-307	B-307	B-307	
	90 W	M91Z90SV4LG M91Z90SV4LGA	M91Z90SV4DG M91Z90SV4DGA	M91Z90SV4YG M91Z90SV4YGA	M91Z90SV4GG M91Z90SV4GGA	M9RZ90SV4LG M9RZ90SV4LGA	M9RZ90SV4DG M9RZ90SV4DGA	M9RZ90SV4YG M9RZ90SV4YGA	M9RZ90SV4GG M9RZ90SV4GGA	
		B-265	B-265	B-265	B-265	B-307	B-307	B-307	B-307	

<The models with a motor model number to which "A" is suffixed are not equipped with a capacitor cap.>



		Induction				3-phase
		Leadwire type 				Leadwire type 
Size	Voltage	100 V	110/115V	200 V	220/230 V	200/220/230 V
	Output	Page	Page	Page	Page	Page
42 mm sq. (1.65 inch sq.)	1 W					
	3 W					
60 mm sq. (2.36 inch sq.)	3 W					
	4 W					
	6 W					
70 mm sq. (2.76 inch sq.)	10 W					
	15 W					
80 mm sq. (3.15 inch sq.)	20 W					
	40 W	M81X40S2LG M81X40S2LGA	M81X40S2DG M81X40S2DGA	M81X40S2YG M81X40S2YGA	M81X40S2GG M81X40S2GGA	M8MX40S2YG M8MX40S2YGA
		B-411	B-411	B-411	B-411	B-421
	60 W	M81X60S2LG M81X60S2LGA	M81X60S2DG M81X60S2DGA	M81X60S2YG M81X60S2YGA	M81X60S2GG M81X60S2GGA	M8MX60S2YG M8MX60S2YGA
		B-413	B-413	B-413	B-413	B-423
90 mm sq. (3.54 inch sq.)	60 W	M91X60S2LG M91X60S2LGA	M91X60S2DG M91X60S2DGA	M91X60S2YG M91X60S2YGA	M91X60S2GG M91X60S2GGA	M9MX60S2YG M9MX60S2YGA
		B-415	B-415	B-415	B-415	B-425
	90 W	M91Z90S2LG M91Z90S2LGA	M91Z90S2DG M91Z90S2DGA	M91Z90S2YG M91Z90S2YGA	M91Z90S2GG M91Z90S2GGA	M9MZ90S2YG M9MZ90S2YGA
		B-417	B-417	B-417	B-417	B-427
	150 W	M91ZA5S2LG M91ZA5S2LGA	M91ZA5S2DG M91ZA5S2DGA	M91ZA5S2YG M91ZA5S2YGA	M91ZA5S2GG M91ZA5S2GGA	M9MZA5S2YG M9MZA5S2YGA
		B-419	B-419	B-419	B-419	B-429

* The models with a model number to which "A" is suffixed (not equipped with a capacitor cap) are not sold or available in Japan.


Product list

Gear head

Ball bearing


Size	Reduction ratio	Ball bearing 	Hinge	
		Page		
42 mm sq. (1.65 inch sq.)				
60 mm sq. (2.36 inch sq.)	1/3, 1/3.6, 1/5, 1/6, 1/7.5, 1/9, 1/10, 1/12.5, 1/15, 1/18, 1/20,	MX6G3BA – MX6G180B		
	1/25, 1/30, 1/36, 1/50, 1/60, 1/75, 1/90, 1/100, 1/120, 1/150, 1/180	B-13		
70 mm sq. (2.76 inch sq.)	1/3, 1/3.6, 1/5, 1/6, 1/7.5, 1/9, 1/10, 1/12.5, 1/15, 1/18, 1/20, 1/25,	MX7G3BA – MX7G180B		
	1/30, 1/36, 1/50, 1/60, 1/75, 1/90, 1/100, 1/120, 1/150, 1/180	B-19		
80 mm sq. (3.15 inch sq.)	1/3, 1/3.6, 1/5, 1/6, 1/7.5, 1/9, 1/10, 1/12.5, 1/15, 1/18, 1/20, 1/25,	MX8G3B – MX8G180B		
	1/30, 1/36, 1/50, 1/60, 1/75, 1/90, 1/100, 1/120, 1/150, 1/180	B-25		
90 mm sq. (3.54 inch sq.)	40 W	1/3, 1/3.6, 1/5, 1/6, 1/7.5, 1/9, 1/10, 1/12.5, 1/15, 1/18, 1/20, 1/25,	MX9G3B – X9G180B	
		1/30, 1/36, 1/50, 1/60, 1/75, 1/90, 1/100, 1/120, 1/150, 1/180	B-31	
	Common to 60 W, 90 W	1/3, 1/3.6, 1/5, 1/6, 1/7.5, 1/9, 1/10, 1/12.5, 1/15, 1/18, 1/20, 1/25,	MZ9G3B – MZ9G200B	
		1/30, 1/36, 1/50, 1/60, 1/75, 1/90, 1/100, 1/120, 1/150, 1/180, 1/200	B-35	
		1/3, 1/3.6, 1/5, 1/6, 1/7.5, 1/9, 1/10, 1/12.5, 1/15, 1/18, 1/20, 1/25,	MY9G3B – MY9G200B	
		1/30, 1/36, 1/50, 1/60, 1/75, 1/90, 1/100, 1/120, 1/150, 1/180, 1/200	B-35	

Metal bearing



Size	Reduction ratio	Metal bearing 	Hinge	
		Page		
42 mm sq. (1.65 inch sq.)				
60 mm sq. (2.36 inch sq.)	1/3, 1/3.6, 1/5, 1/6, 1/7.5, 1/9, 1/10, 1/12.5, 1/15, 1/18, 1/20, 1/25,	MX6G3MA – MX6G180M		
	1/30, 1/36, 1/50, 1/60, 1/75, 1/90, 1/100, 1/120, 1/150, 1/180	B-13		
70 mm sq. (2.76 inch sq.)	1/3, 1/3.6, 1/5, 1/6, 1/7.5, 1/9, 1/10, 1/12.5, 1/15, 1/18, 1/20, 1/25,	MX7G3MA – MX7G180M		
	1/30, 1/36, 1/50, 1/60, 1/75, 1/90, 1/100, 1/120, 1/150, 1/180	B-19		
80 mm sq. (3.15 inch sq.)	1/3, 1/3.6, 1/5, 1/6, 1/7.5, 1/9, 1/10, 1/12.5, 1/15, 1/18, 1/20, 1/25,	MX8G3M – MX8G180M		
	1/30, 1/36, 1/50, 1/60, 1/75, 1/90, 1/100, 1/120, 1/150, 1/180	B-25		
90 mm sq. (3.54 inch sq.)	40 W	1/3, 1/3.6, 1/5, 1/6, 1/7.5, 1/9, 1/10, 1/12.5, 1/15, 1/18, 1/20, 1/25,	MX9G3M – MX9G180M	
		1/30, 1/36, 1/50, 1/60, 1/75, 1/90, 1/100, 1/120, 1/150, 1/180	B-31	
	Common to 60 W, 90 W			

* For C&B motor, use gear head dedicated to C&B motor, shown on page A-21.


Ball bearing and metal bearing

Size	Reduction ratio	Ball bearing and metal bearing 	Hinge	
		Page		
42 mm sq. (1.65 inch sq.)	1/3, 1/3.6, 1/5, 1/6, 1/7.5, 1/9, 1/12.5, 1/15, 1/18, 1/25, 1/30,	M4GA3F – M4GA180F		
	1/36, 1/50, 1/60, 1/75, 1/90, 1/100, 1/120, 1/150, 1/180	B-9		
60 mm sq. (2.36 inch sq.)				
70 mm sq. (2.76 inch sq.)				
80 mm sq. (3.15 inch sq.)				
90 mm sq. (3.54 inch sq.)	40 W			
	Common to 60 W, 90 W			

High torque gear head


Size	Reduction ratio		Hinge
		Page	
90 mm sq. (3.54 inch sq.)	1/50, 1/60, 1/75, 1/90, 1/100, 1/120, 1/150, 1/180, 1/200	MR9G50B – MR9G200B	
	1/50, 1/60, 1/75, 1/90, 1/100, 1/120, 1/150, 1/180, 1/200	MP9G50B – MP9G200B	
		B-444	

Right-angle gear head

Size	Reduction ratio		Hinge	
		Page		
90 mm sq. (3.54 inch sq.)	40 W	1/3, 1/3.6, 1/5, 1/6, 1/7.5, 1/9, 1/12.5, 1/15, 1/18, 1/25, 1/30, 1/36,	MX9G3RMX9G180R	
		1/50, 1/60, 1/75, 1/90, 1/100, 1/120, 1/150, 1/180	B-446	
	Common to 60 W, 90 W	1/3, 1/3.6, 1/5, 1/6, 1/7.5, 1/9, 1/12.5, 1/15, 1/18, 1/25, 1/30, 1/36,	MZ9G3R – MZ9G200R	
		1/50, 1/60, 1/75, 1/90, 1/100, 1/120, 1/150, 1/180, 1/200	B-446	


Product list

Decimal gear head


Size	Reduction ratio		Applicable gear head	
		Page		
60 mm sq. (2.36 inch sq.)	1/10	MX6G10XB	MX6G*BA	
		B-384	MX6G*B	
70 mm sq. (2.76 inch sq.)	1/10	MX7G10XB	MX7G*BA	
		B-384	MX7G*B	
80 mm sq. (3.15 inch sq.)	1/10	MX8G10XB	MX8G*B	
		B-384		
90 mm sq. (3.54 inch sq.)	40 W	MX9G10XB	MX9G*B	
		B-384		
	Common to 60 W, 90 W	1/10	MZ9G10XB	MZ9G*B
			B-384	MY9G*B MR9G*B MP9G*B

Gear head

Gear head-Inch (U.S.A.)

Size	Reduction ratio		Hinge	
		Page		
42 mm sq. (1.65 inch sq.)				
60 mm sq. (2.36 inch sq.)	1/3, 1/3.6, 1/5, 1/6, 1/7.5, 1/9, 1/10, 1/12.5, 1/15, 1/18, 1/20, 1/25,	MX6G3BU – MX6G180BU		
	1/30, 1/36, 1/50, 1/60, 1/75, 1/90, 1/100, 1/120, 1/150, 1/180	B-451		
70 mm sq. (2.76 inch sq.)	1/3, 1/3.6, 1/5, 1/6, 1/7.5, 1/9, 1/10, 1/12.5, 1/15, 1/18, 1/20, 1/25,	MX7G3BU – MX7G180BU		
	1/30, 1/36, 1/50, 1/60, 1/75, 1/90, 1/100, 1/120, 1/150, 1/180	B-451		
80 mm sq. (3.15 inch sq.)	1/3, 1/3.6, 1/5, 1/6, 1/7.5, 1/9, 1/10, 1/12.5, 1/15, 1/18, 1/20, 1/25,	MX8G3BU – MX8G180BU		
	1/30, 1/36, 1/50, 1/60, 1/75, 1/90, 1/100, 1/120, 1/150, 1/180	B-451		
90 mm sq. (3.54 inch sq.)	40 W	1/3, 1/3.6, 1/5, 1/6, 1/7.5, 1/9, 1/10, 1/12.5, 1/15, 1/18, 1/20, 1/25,	MX9G3BU – MX9G180BU	
		1/30, 1/36, 1/50, 1/60, 1/75, 1/90, 1/100, 1/120, 1/150, 1/180	B-451	
	Common to 60 W, 90 W	1/10	1/3, 1/3.6, 1/5, 1/6, 1/7.5, 1/9, 1/10, 1/12.5, 1/15, 1/18, 1/20, 1/25,	MZ9G3BU – MZ9G200BU
			1/30, 1/36, 1/50, 1/60, 1/75, 1/90, 1/100, 1/120, 1/150, 1/180, 1/200	B-451

Gear head for C&B motor

Size	Reduction ratio		Hinge	
		Page		
42 mm sq. (1.65 inch sq.)				
60 mm sq. (2.36 inch sq.)	1/3, 1/3.6, 1/5, 1/6, 1/7.5, 1/9, 1/10, 1/12.5, 1/15, 1/18, 1/20, 1/25,	MX6G3H – MX6G180H		
	1/30, 1/36, 1/50, 1/60, 1/75, 1/90, 1/100, 1/120, 1/150, 1/180	B-353		
70 mm sq. (2.76 inch sq.)	1/3, 1/3.6, 1/5, 1/6, 1/7.5, 1/9, 1/10, 1/12.5, 1/15, 1/18, 1/20, 1/25,	MX7G3H – MX7G180H		
	1/30, 1/36, 1/50, 1/60, 1/75, 1/90, 1/100, 1/120, 1/150, 1/180	B-355		
80 mm sq. (3.15 inch sq.)	1/3, 1/3.6, 1/5, 1/6, 1/7.5, 1/9, 1/10, 1/12.5, 1/15, 1/18, 1/20, 1/25,	MX8G3H – MX8G180H		
	1/30, 1/36, 1/50, 1/60, 1/75, 1/90, 1/100, 1/120, 1/150, 1/180	B-357		
90 mm sq. (3.54 inch sq.)	40 W	1/3, 1/3.6, 1/5, 1/6, 1/7.5, 1/9, 1/10, 1/12.5, 1/15, 1/18, 1/20, 1/25,	MX9G3H – MX9G180H	
		1/30, 1/36, 1/50, 1/60, 1/75, 1/90, 1/100, 1/120, 1/150, 1/180	B-359	
	Common to 60 W, 90 W	1/10	1/3, 1/3.6, 1/5, 1/6, 1/7.5, 1/9, 1/10, 1/12.5, 1/15, 1/18, 1/20, 1/25,	MY9G3H – MY9G200H
			1/30, 1/36, 1/50, 1/60, 1/75, 1/90, 1/100, 1/120, 1/150, 1/180, 1/200	B-361