

Panasonic

ideas for life

COMPACT AC GEARED MOTORS

Comes in a broad lineup, including induction, reversible, electromagnetic brakes-attached or biaxial cylindrical shaft types.



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GEARHEADS

M X 9 G 30 B A
Output type Size Gear head Reduction ratio Bearing Thin gear head

- 6: 60 mm sq. (2.36 inch sq.)
- 7: 70 mm sq. (2.76 inch sq.)
- 8: 80 mm sq. (3.15 inch sq.)
- 9: 90 mm sq. (3.54 inch sq.)

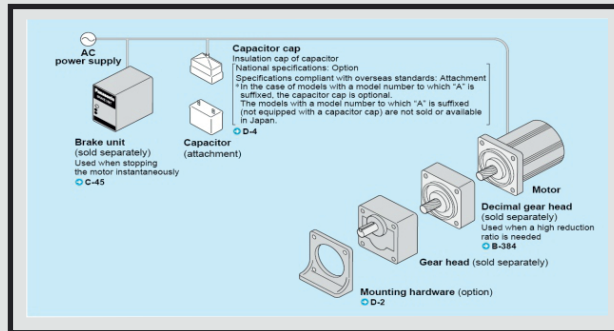
● X: 40 W or smaller / Hinge not attached
 Z: 50 W or larger / Hinge not attached
 Y: 60 W or larger / Hinge attached
 R: 60 W or larger, High torque type / Hinge not attached
 P: 60 W or larger, High torque type / Hinge attached

● (Example) 30: Reduction ratio of 1/30

● A: Applicable to 60 mm sq. and 70 mm sq. gear heads with a reduction ratio of 1/25 or smaller, Blank for others
 U: Gear head -inch (U.S.A.)

● B: Ball bearing
 M: Metal bearing
 XB: Decimal gear head
 R: Right-angle gear head
 (90 mm sq.: Applicable to MX and MZ only)
 H: Gear head for C&B motor (Ball bearing)

* The motor and gear are sold separately.




6 Watt					
Gear-Head (60 sq.mm)					
Motor	Gearhead	Ratio	Torque (Nm)	o/p RPM	List Price
M61X6G4GGA (Size 60mm, 6 Watt, 220/230 V 50/60 Hz, Leadwire Induction Motor), 1500 rpm	MX6G3B	3	0.98	500	5,183
	MX6G3.6B	3.6	0.12	416.7	5,183
	MX6G5BA	5	0.16	300	5,183
	MX6G6BA	6	0.19	250	5,183
	MX6G7.5BA	7.5	0.25	200	5,183
	MX6G9BA	9	0.29	166.7	5,183
	MX6G10BA	10	0.33	150	5,183
	MX6G12.5BA	12.5	0.4	120	5,183
	MX6G15BA	15	0.49	100	5,183
	MX6G20BA	20	0.66	75	5,738
	MX6G25BA	25	0.79	60	5,738
	MX6G30B	30	0.95	50	5,738
	MX6G36B	36	1.18	41.7	5,738
	MX6G50B	50	1.57	30	6,108
	MX6G60B	60	1.86	25	6,108
	MX6G75B	75	2.25	20	6,108
	MX6G90B	90	2.45	16.7	6,108
	MX6G100B	100	2.45	15	6,108
MX6G120B	120	2.45	12.5	6,108	
MX6G150B	150	2.45	10	6,108	
MX6G180B	180	2.45	8.3	6,108	


15 Watt					
Gear-Head (70 sq.mm)					
Motor	Gearhead	Ratio	Torque(Nm)	o/p RPM	List Price
M71X15G4GGA (Size 70mm, 15 Watt, 220/230 V 50/60 Hz, Leadwire Induction Motor), 1500 rpm	MX7G3BA	3	0.24	500	5,738
	MX7G3.6BA	3.6	0.28	416.7	5,738
	MX7G5BA	5	0.39	300	5,738
	MX7G6BA	6	0.47	250	5,738
	MX7G7.5BA	7.5	0.59	200	5,738
	MX7G9BA	9	0.71	166.7	5,738
	MX7G10BA	10	0.8	150	5,738
	MX7G12.5BA	12.5	0.98	120	5,738
	MX7G15BA	15	1.18	100	5,738
	MX7G18BA	18	1.37	120	5,738
	MX7G20BA	20	1.57	75	6,108
	MX7G25BA	25	1.86	60	6,108
	MX7G30B	30	2.25	50	6,108
	MX7G36B	36	2.74	41.7	6,108
	MX7G50B	50	3.82	30	6,663
	MX7G60B	60	4.61	25	6,663
	MX7G75B	75	4.9	20	6,663
	MX7G90B	90	4.9	16.7	6,663
MX7G100B	100	4.9	15	6,663	
MX7G120B	120	4.9	12.5	6,663	
MX7G150B	150	4.9	10	6,663	
MX7G180B	180	4.9	8.3	6,663	


25 Watt					
Gear-Head (80 sq.mm)					
Motor	Gearhead	Ratio	Torque(Nm)	o/p RPM	List Price
M81X25G4GGA (Size 80mm, 25 Watt, 220/230 V 50/60 Hz, Leadwire Induction Motor), 1500 rpm OR M8MX25G4YGA (Size 80mm, 25 Watt, 220/230 V, 50/60 Hz, Leadwire 3 Phase Motor), 1500 rpm	MX8G3B	3	0.39	500	5,923
	MX8G3.6B	3.6	0.47	416.7	5,923
	MX8G5B	5	0.66	300	5,923
	MX8G6B	6	0.78	250	5,923
	MX8G7.5B	7.5	0.98	200	5,923
	MX8G9B	9	1.18	166.7	5,923
	MX8G10B	10	1.27	150	5,923
	MX8G12.5B	12.5	1.57	120	5,923
	MX8G15B	15	1.96	100	5,923
	MX8G18B	18	2.35	83.3	5,923
	MX8G20B	20	2.55	75	6,293
	MX8G25B	25	3.14	60	6,293
	MX8G30B	30	3.82	50	6,293
	MX8G36B	36	4.61	41.7	6,293
	MX8G50B	50	6.37	30	6,845
	MX8G60B	60	7.64	25	6,845
	MX8G75B	75	7.84	20	6,845
	MX8G90B	90	7.84	16.7	6,845
MX8G100B	100	7.84	15	6,845	
MX8G120B	120	7.84	12.5	6,845	
MX8G150B	150	7.84	10	6,845	
MX8G180B	180	7.84	8.3	6,845	


40 Watt					
Gear-Head (90 sq.mm)					
Motor	Gearhead	Ratio	Torque(Nm)	o/p RPM	List Price
M91240G4GGA (Size 90mm, 40 Watt, 220/230 V 50/60 Hz, Leadwire Induction Motor), 1500 rpm OR M9MX40G4YGA (Size 90mm, 40 Watt, 220/230 V, 50/60 Hz, Leadwire 3 Phase Motor), 1500 rpm	MX9G3B	3	0.66	500	6,663
	MX9G3.6B	3.6	0.78	416.7	6,663
	MX9G5B	5	1.08	300	6,663
	MX9G6B	6	1.27	250	6,663
	MX9G7.5B	7.5	1.57	200	6,663
	MX9G10B	10	2.25	150	6,663
	MX9G12.5B	12.5	2.74	120	6,663
	MX9G15B	15	3.23	100	6,663
	MX9G18B	18	3.92	83.3	6,663
	MX9G20B	20	4.41	75	7,219
	MX9G25B	25	5.29	60	7,219
	MX9G30B	30	6.37	50	7,219
	MX9G36B	36	7.94	41.7	7,219
	MX9G50B	50	9.8	30	6,663
	MX9G60B	60	9.8	25	6,663
	MX9G75B	75	9.8	20	6,663
	MX9G90B	90	9.8	16.7	6,663
	MX9G100B	100	9.8	15	6,663
MX9G120B	120	9.8	12.5	6,663	
MX9G150B	150	9.8	10	6,663	
MX9G180B	180	9.8	8.3	6,663	
MX9G12.5M	12.5	2.74	120	6,663	

GEARHEADS

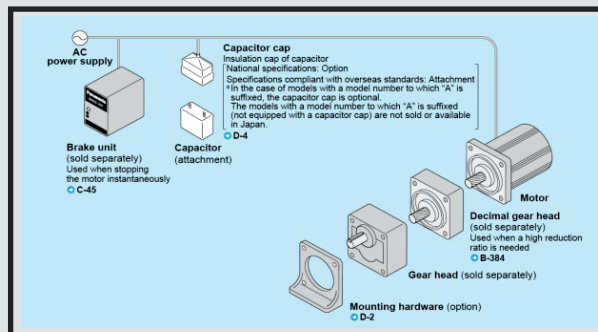
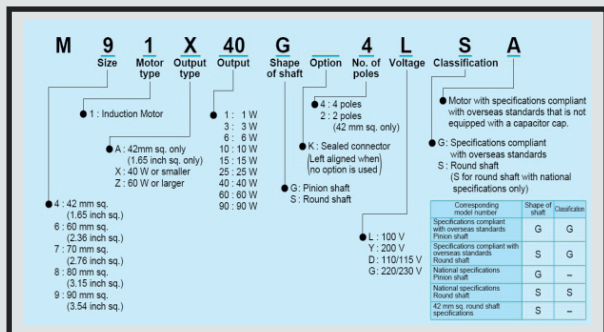
60 Watt					
 Gear Head (90 sq.mm) <i>without hinge attached</i>					
Motor	Gearhead	Ratio	Torque(Nm)	o/p RPM	List Price
M91Z60G4GGA (Size 90mm, 60 Watt, 220/230 V 50/60 Hz, Leadwire Induction Motor), 1500 rpm OR M9MZ60G4YGA (Size 90mm, 60 Watt, 220/230 V, 50/60 Hz, Leadwire 3 Phase Motor, 1500 rpm)	MZ9G3B	3	0.98	500	10,365
	MZ9G3.6B	3.6	1.18	416.7	10,365
	MZ9G5B	5	1.57	300	10,365
	MZ9G6B	6	1.96	250	10,365
	MZ9G7.5B	7.5	2.35	200	10,365
	MZ9G9B	9	2.94	166.7	10,365
	MZ9G10B	10	3.14	150	11,475
	MZ9G12.5B	12.5	3.92	120	11,475
	MZ9G15B	15	4.7	100	11,475
	MZ9G18B	18	5.59	83.3	11,475
	MZ9G20B	20	6.27	75	12,031
	MZ9G25B	25	7.55	60	12,031
	MZ9G30B	30	9.11	50	12,031
	MZ9G36B	36	11	41.7	12,031
	MZ9G50B	50	15.2	30	12,031
	MZ9G60B	60	17.8	25	12,031
	MZ9G75B	75	19.6	20	12,586
	MZ9G90B	90	19.6	16.7	12,586
	MZ9G100B	100	19.6	15	12,586
	MZ9G120B	120	19.6	12.5	12,586
MZ9G150B	150	19.6	10	12,586	
MZ9G180B	180	19.6	8.3	12,586	
MZ9G200B	200	19.6	7.5	12,586	

60 Watt					
 Gear Head (90 sq.mm) <i>hinge attached</i>					
Motor	Gearhead	Ratio	Torque(Nm)	RPM	List Price
M91Z60G4GGA (Size 90mm, 60 Watt, Leadwire Induction Motor), 1500 rpm OR M9MZ60G4YGA (Size 90mm, 60 Watt, Leadwire 3 Phase Motor), 1500 rpm	MY9G3B	3	0.98	500	10,365
	MY9G3.6B	3.6	1.18	416.7	10,365
	MY9G5B	5	1.57	300	10,365
	MY9G6B	6	1.96	250	10,365
	MY9G7.5B	7.5	2.35	200	10,365
	MY9G9B	9	2.94	166.7	10,365
	MY9G10B	10	3.14	150	11,475
	MY9G12.5B	12.5	3.92	120	11,475
	MY9G15B	15	4.7	100	11,475
	MY9G18B	18	5.59	83.3	11,475
	MY9G20B	20	6.27	75	1,203
	MY9G25B	25	7.55	60	1,203
	MY9G30B	30	9.11	50	1,203
	MY9G36B	36	11	41.7	1,203
	MY9G50B	50	15.2	30	1,203
	MY9G60B	60	17.8	25	1,203
	MY9G75B	75	19.6	20	12,586
	MY9G90B	90	19.6	16.7	12,586
	MY9G100B	100	19.6	15	12,586
	MY9G120B	120	19.6	12.5	12,586
MY9G150B	150	19.6	10	12,586	
MY9G180B	180	19.6	8.3	12,586	
MY9G200B	200	19.6	7.5	12,586	

90 Watt					
 Gear Head (90 sq.mm) <i>without hinge attached</i>					
Motor	Gearhead	Ratio	Torque(Nm)	o/p RPM	List Price
M91Z90G4GGA (Size 90mm, 90 Watt, 220/230 V 50/60 Hz, Leadwire Induction Motor), 1500 rpm OR M9MZ90G4YGA (Size 90mm, 90 Watt, 200/220/230 V, 50/60 Hz, Leadwire 3 Phase Motor), 1500 rpm	MZ9G3B	3	1.37	500	10,365
	MZ9G3.6B	3.6	1.67	416.7	10,365
	MZ9G5B	5	2.25	300	10,365
	MZ9G6B	6	2.74	250	10,365
	MZ9G7.5B	7.5	3.43	200	10,365
	MZ9G9B	9	4.12	166.7	10,365
	MZ9G10B	10	4.51	150	11,475
	MZ9G12.5B	12.5	5.68	120	11,475
	MZ9G15B	15	6.76	100	11,475
	MZ9G18B	18	8.04	83.3	11,475
	MZ9G20B	20	9.02	75	12,031
	MZ9G25B	25	10.9	60	12,031
	MZ9G30B	30	13	50	12,031
	MZ9G36B	36	15.7	41.7	12,031
	MZ9G50B	50	19.6	30	12,031
	MZ9G60B	60	19.6	25	12,031
	MZ9G75B	75	19.6	20	12,586
	MZ9G90B	90	19.6	16.7	12,586
	MZ9G100B	100	19.6	15	12,586
	MZ9G120B	120	19.6	12.5	12,586
MZ9G150B	150	19.6	10	12,586	
MZ9G180B	180	19.6	8.3	12,586	
MZ9G200B	200	19.6	7.5	12,586	

90 Watt					
 Gear Head (90 sq.mm) <i>hinge attached</i>					
Motor	Gearhead	Ratio	Torque(Nm)	o/p RPM	List Price
M91Z90G4GGA (Size 90mm, 90 Watt, Leadwire Induction Motor), 1500 rpm OR M9MZ90G4YGA (Size 90mm, 90 Watt, Leadwire 3 Phase Motor), 1500 rpm	MY9G3B	3	1.37	500	10,365
	MY9G3.6B	3.6	1.67	416.7	10,365
	MY9G5B	5	2.25	300	10,365
	MY9G6B	6	2.74	250	10,365
	MY9G7.5B	7.5	3.43	200	10,365
	MY9G9B	9	4.12	166.7	10,365
	MY9G10B	10	4.51	150	11,475
	MY9G12.5B	12.5	5.68	120	11,475
	MY9G15B	15	6.76	100	11,475
	MY9G18B	18	8.04	83.3	11,475
	MY9G20B	20	9.02	75	12,031
	MY9G25B	25	10.9	60	12,031
	MY9G30B	30	13	50	12,031
	MY9G36B	36	15.7	41.7	12,031
	MY9G50B	50	19.6	30	12,031
	MY9G60B	60	19.6	25	12,031
	MY9G75B	75	19.6	20	12,586
	MY9G90B	90	19.6	16.7	12,586
	MY9G100B	100	19.6	15	12,586
	MY9G120B	120	19.6	12.5	12,586
MY9G150B	150	19.6	10	12,586	
MY9G180B	180	19.6	8.3	12,586	
MY9G200B	200	19.6	7.5	12,586	

INDUCTION MOTORS

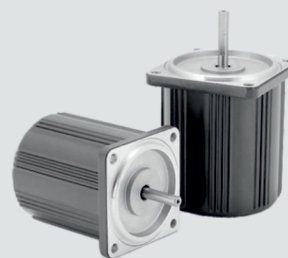


SINGLE PHASE INDUCTION MOTOR (Pinion Shaft type)

Gear Head applicable	Model No	Frame Size	Output (W)	Connection type	I/P Voltage (V)	List Price
	M61X6G4GGA	60 Sq.mm	6 W	Leadwire	220/230	6,293
	M71X15G4GGA	70 Sq.mm	15 W	Leadwire	220/230	6,663
	M81X25G4GGA	80 Sq.mm	25 W	Leadwire	220/230	6,848
	M81X25GK4GGA	80 Sq.mm	25 W	Sealed connector	220/230	7,588
	M91X40G4GGA	90 Sq.mm	40 W	Leadwire	220/230	8,884
	M91Z60G4GGA	90 Sq.mm	60 W	Leadwire	220/230	9,994
	M91Z90G4GGA	90 Sq.mm	90 W	Leadwire	220/230	12,400

SINGLE PHASE INDUCTION MOTOR (Straight Shaft type)

Gear head not applicable	Model No	Frame Size	Output (W)	Connection Type	I/P Voltage (V)	List Price
	M81X25S4GGA	80 Sq.mm	25W	Leadwire	220/230	6,848
	M91X40S4GGA	90 Sq.mm	40W	Leadwire	220/230	8,884
	M91Z60S4GGA	90 Sq.mm	60W	Leadwire	220/230	9,994
	M91Z90S4GGA	90 Sq.mm	90W	Leadwire	220/230	12,400



3 - PHASE INDUCTION MOTOR (Pinion Shaft type)

Gear Head applicable	Model No	Frame Size	Output (W)	Connection type	I/P Voltage (V)	List Price
	M8MX25G4YGA	80 Sq.mm	25 W	Leadwire	200/220/230	7,213
	M9MX40G4YGA	90 Sq.mm	40 W	Leadwire	200/220/230	7,773
	M9MX40GK4YGA	90 Sq.mm	40 W	Sealed connector	200/220/230	9,254
	M9MZ60G4YGA	90 Sq.mm	60 W	Leadwire	200/220/230	10,179
	M9MZ60GK4YGA	90 Sq.mm	60 W	Sealed connector	200/220/232	10,920
	M9MZ90G4YGA	90 Sq.mm	90 W	Leadwire	200/220/230	12,215
	M9MZ90GK4YGA	90 Sq.mm	90 W	Sealed connector	200/220/231	12,770
	M8MX25GK4CGA	80 Sq.mm	25 W	Sealed connector	380/400	11,105
	M9MX40GK4CGA	90 Sq.mm	40 W	Sealed connector	380/400	10,364
	M9MZ60GK4CGA	90 Sq.mm	60 W	Sealed connector	380/400	12,400
	M9MZ90GK4CGA	90 Sq.mm	90 W	Sealed connector	380/400	13,326



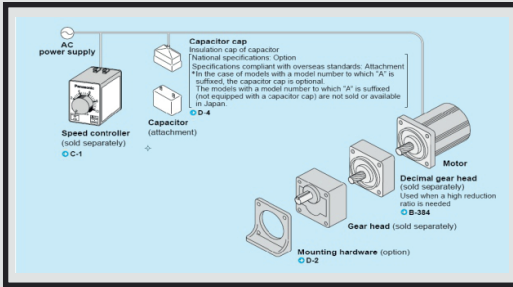
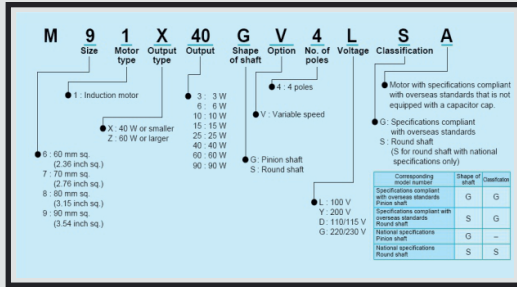
SPEED CONTROLLER



SPEED CONTROLLER FOR 1 PHASE VARIABLE SPEED MOTOR

Model	Description	List Price
MGSD B2	Speed Controller for 220v i/p motor	8,600

VARIABLE SPEED MOTOR

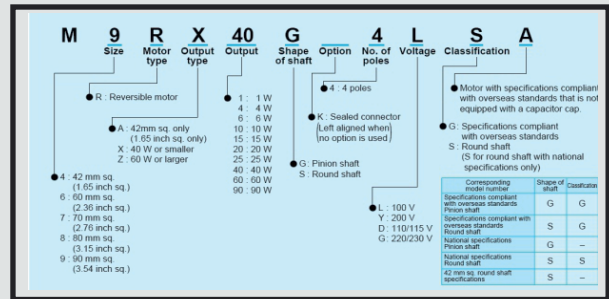
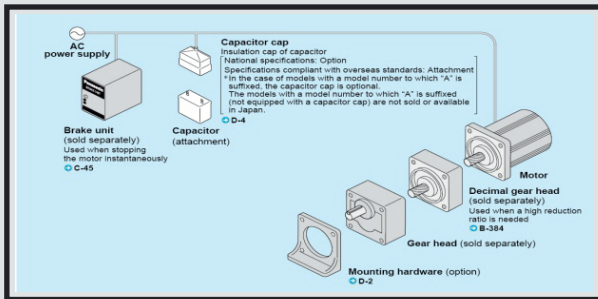


SINGLE PHASE VARIABLE SPEED MOTOR (Pinion shaft type)



Gear Head applicable	Model No	Frame Size	Output (W)	Connection type	I/P Voltage (V)	List Price
	M61X6GV4GGA	60 Sq.mm	6W	Leadwire	220/230	7,033
	M71X15GV4GGA	70 Sq.mm	15W	Leadwire	220/230	8,143
	M81X25GV4GGA	80 Sq.mm	25W	Leadwire	220/230	9,439
	M91X40GV4GGA	90 Sq.mm	40W	Leadwire	220/230	12,030
	M91Z60GV4GGA	90 Sq.mm	60W	Leadwire	220/230	12,400
M91Z90GV4GGA	90 Sq.mm	90W	Leadwire	220/231	27,392	

REVERSIBLE MOTOR



SINGLE PHASE REVERSIBLE VARIABLE SPEED INDUCTION MOTOR (Pinion Shaft type)



Gear Head applicable	Model No	Frame Size	Output (W)	Connection type	I/P Voltage (V)	List Price
	M7RX15GV4GGA	70 Sq.mm	15W	Leadwire	220/230	7,218
	M8RX25GV4GGA	80 Sq.mm	25W	Leadwire	220/230	8,514
	M9RX40GV4GGA	90 Sq.mm	40W	Leadwire	200/220	11,475
	M9RZ60GV4GGA	90 Sq.mm	60W	Leadwire	200/220	13,326
	M9RZ90GV4GGA	90 Sq.mm	90W	Leadwire	200/220	27,762

Business Terms & Conditions:

- Discount _____ @ on above pricelist.
- GST will be added extra at actual on all the products mentioned.
- Taxes as applicable.
- Goods are supplied subject to Mumbai Jurisdiction only.
- This price list supersedes all our previous prices and is subject to alteration without any notice.
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 <p>Finolex</p> <p>Wires & Cables</p>	 <p>UNISTAR</p> <p>Wires & Cables</p>	 <p>PHILIPS sense and simplicity</p> <p>Lighting</p>	 <p>BAJAJ Bajaj Electricals Ltd.</p> <p>Lighting</p>	 <p>ELMEASURE Possibilities...Infinite</p> <p>Digital Panel Meters</p>	 <p>connectwell THE RIGHT CONNECTION</p> <p>Terminal Blocks & Relay Cards</p>
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