



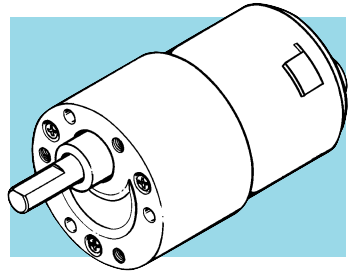
■ 12 VOLTS

■ 37 mm DIAMETER

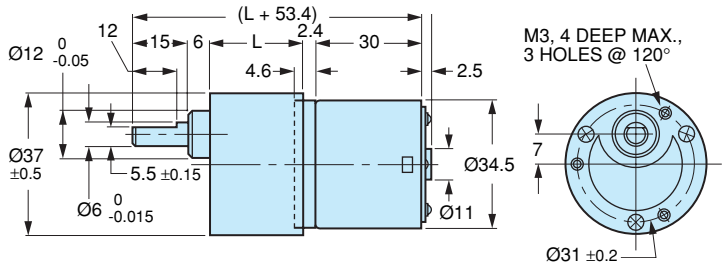
MOTOR SPECIFICATIONS:

- Rated Voltage – 12V
- Rated Torque – 2.45 N • mm
- Rated Speed – 7200 rpm
- Rated Current – ≤ 307 mA
- No Load Speed – 8000 rpm
- No Load Current – ≤ 100 mA
- Weight – 100 g
- Rated Output – 1.8W
- Operating Temperature – -10°C to +60°C

For replacement gearheads, see **A 2G23MA...** Series.



The projections shown are per ISO convention.



MATERIAL:

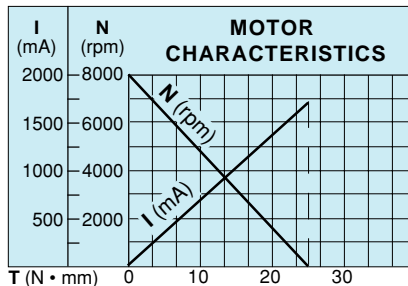
- Housing:
 - Gearhead – Aluminum
 - Motor – Steel, Zinc Plated
- Shafts & Gears – Steel
- Bearings – Bronze

*Catalog Number	Ratio to 1	L	Rated Torque N • mm (oz. in.)	Speed rpm	
				Rated	No Load
D33S35ME350006C	6	19	19.6 (2.8)	1234	1333
D33S35ME350010C	10			721	800
D33S35ME350018C	18	21.5	19.6 (2.8)	405	444
D33S35ME350030C	30			242	267
D33S35ME350050C	50	24	78.5 (11.1)	144	160
D33S35ME350060C	60			120	133
D33S35ME350075C	75	24	116.7 (16.5)	96	107
D33S35ME350100C	100			73	80
D33S35ME350120C	120	26.5	176.6 (25)	60	67
D33S35ME350150C	150			49	53
D33S35ME350180C	180			40	44

*Will be discontinued when current stock is depleted.

Continued on the next page

Same gearhead with different motor is offered as **D33S57M35A...A** series. See index.





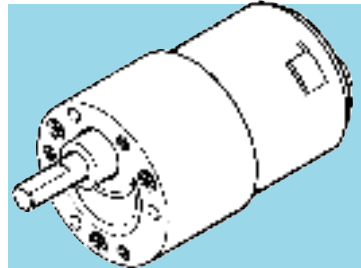
■ 12 VOLTS

■ 37 mm DIAMETER

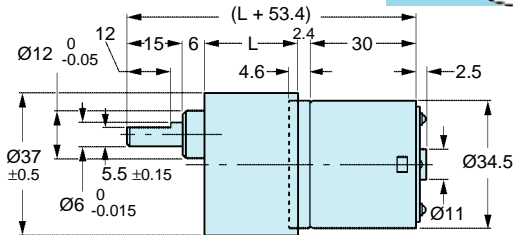
MOTOR SPECIFICATIONS:

- Rated Voltage – 12V
- Rated Torque – 2.45 N • mm
- Rated Speed – 7200 rpm
- Rated Current – ≤ 307 mA
- No Load Speed – 8000 rpm
- No Load Current – ≤ 100 mA
- Weight – 100 g
- Rated Output – 1.8W
- Operating Temperature – -10°C to $+60^{\circ}\text{C}$

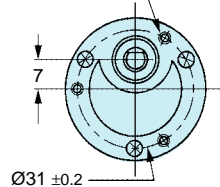
For replacement gearheads, see **A 2G23MA...** Series.



The projections are per ISO convention.



M3, 4 DEEP MAX.,
3 HOLES @ 120°



MATERIAL:

Housing:

Gearhead – Aluminum

Motor – Steel, Zinc Plated

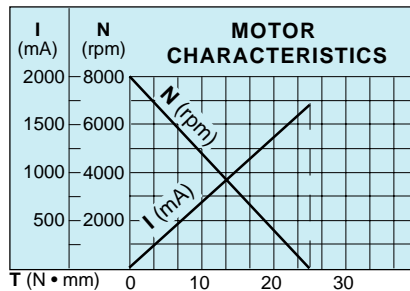
Shafts & Gears – Steel

Bearings – Bronze

*Catalog Number	Ratio to 1	L	Rated Torque N • mm (oz. in.)	Speed rpm	
				Rated	No Load
D33S35ME350200C	200	26.5	294.2 (41.7)	36	40
D33S35ME350250C	250		343.3 (40.6)	29	32
D33S35ME350300C	300		441.3 (62.5)	24	27
D33S35ME350400C	400	29	588.4 (83.3)	19	20
D33S35ME350500C	500		588.4 (83.3)	15	16
D33S35ME350600C	600		588.4 (83.3)	13	13.3
D33S35ME350750C	750	29	588.4 (83.3)	10	10.7
D33S35ME351000C	1000		588.4 (83.3)	7.6	8
D33S35ME351500C	1500		588.4 (83.3)	5.2	5.3
D33S35ME353000C	3000	31.5	588.4 (83.3)	2.6	2.7

*Will be discontinued when current stock is depleted.

Same gearhead with different motor is offered as **D33S57M35A...A** series. See index.





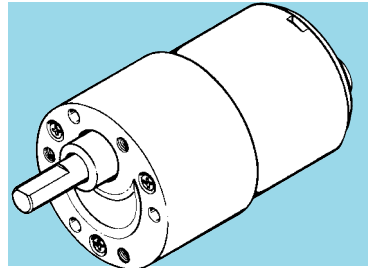
■ 12 VOLTS

■ 37 mm DIAMETER

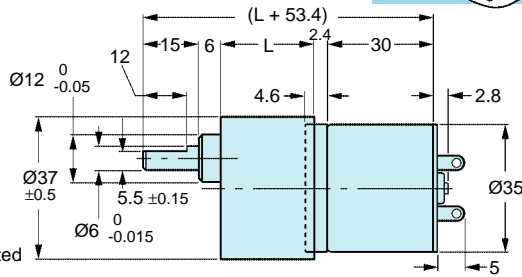
MOTOR SPECIFICATIONS:

- Rated Voltage – 12V
- Rated Torque – 4.9 N • mm
- Rated Speed – 5200 rpm
- Rated Current – ≤ 370 mA
- No Load Speed – 5900 rpm
- No Load Current – ≤ 100 mA
- Rated Output – 2.6W
- Operating Temp. – -10°C to +60°C

For replacement gearheads, see A 2G23MA....Series.



The projections shown are per ISO convention.

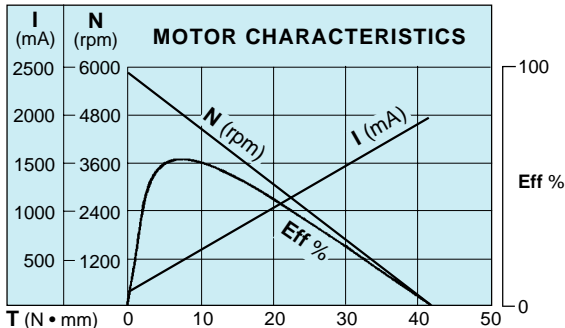


MATERIAL:

- Housing: Aluminum
- Motor – Steel, Zinc Plated
- Shafts & Gears – Steel
- Bearings – Bronze

Catalog Number	Ratio to 1	L	Rated Torque N • mm (oz. in.)	Speed rpm	
				Rated	No Load
D33S57M35A0006A	6	19	39.2 (5.6)	890	1000
D33S57M35A0010A	10			521	600
D33S57M35A0018A	18	21.5	39.2 (5.6)	293	333
D33S57M35A0030A	30		98.1 (13.9)	176	200
D33S57M35A0050A	50	24	157 (22.7)	105	120
D33S57M35A0060A	60		180.4 (26.4)	87	100
D33S57M35A0075A	75	24	220.7 (31.3)	69	80
D33S57M35A0100A	100		223.7 (45.8)	53	60
D33S57M35A0120A	120		367.7 (52.1)	43	50
D33S57M35A0150A	150	26.5	431.6 (61.1)	35	40
D33S57M35A0180A	180		588.4 (83.3)	29	33

Continued on the next page





METRIC

Heavy-Duty D.C. Gearmotors - Size 37

■ 12 VOLTS

■ 37 mm DIAMETER

MOTOR SPECIFICATIONS:

Rated Voltage – 12V

Rated Torque – 4.9 N • mm

Rated Speed – 5200 rpm

Rated Current – ≤ 370 mA

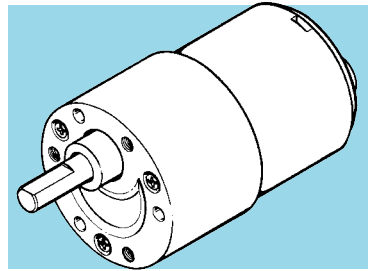
No Load Speed – 5900 rpm

No Load Current – ≤ 100 mA

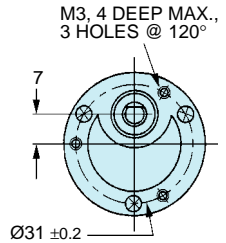
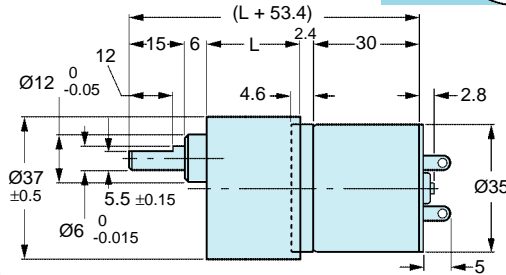
Rated Output – 2.6W

Operating Temp. – -10°C to +60°C

For replacement gearheads, see A 2G23MA....Series.



The projections shown are per ISO convention.



MATERIAL:

Housing:

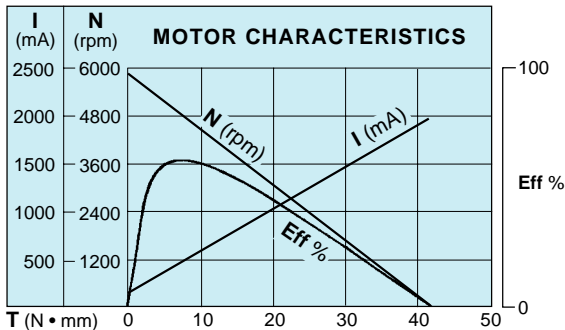
Gearhead – Aluminum

Motor – Steel, Zinc Plated

Shafts & Gears – Steel

Bearings – Bronze

Catalog Number	Ratio to 1	L	Rated Torque N • mm (oz. in.)	Speed rpm	
				Rated	No Load
D33S57M35A0200A	200	26.5	578.6 (81.9)	26	30
D33S57M35A0250A	250			21	24
D33S57M35A0300A	300			18	20
D33S57M35A0400A	400	29	588.4 (83.3)	14	15
D33S57M35A0500A	500			11	12
D33S57M35A0600A	600			9.5	10
D33S57M35A0750A	750	29	588.4 (83.3)	7.6	7.9
D33S57M35A1000A	1000			5.7	5.9
D33S57M35A1500A	1500			3.9	3.9
D33S57M35A3000A	3000	31.5	588.4 (83.3)	1.9	2





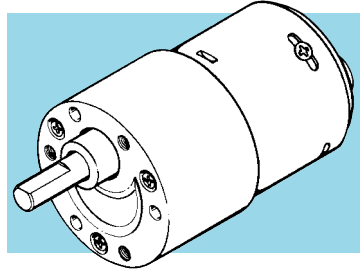
■ 24 VOLTS

■ 37 mm DIAMETER

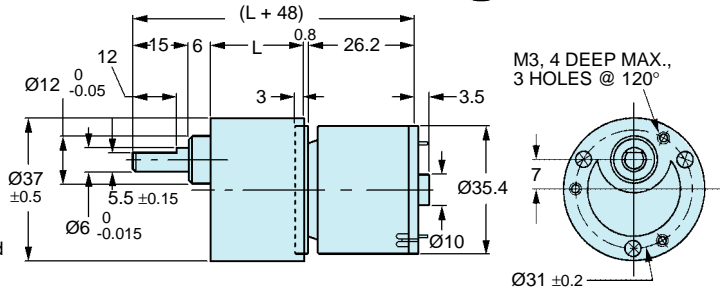
MOTOR SPECIFICATIONS:

- Rated Voltage – 24V
- Rated Torque – 1.96 N • mm
- Rated Speed – 4600 rpm
- Rated Current – ≤ 90 mA
- No Load Speed – 5000 rpm
- No Load Current – ≤ 35 mA
- Rated Output – 0.9 W
- Operating Temperature – -10°C to +60°C

For replacement gearheads, see A 2G23MA... Series.



The projections shown are per ISO convention.



MATERIAL:

Housing:

Gearhead – Aluminum

Motor – Steel, Zinc Plated

Shafts & Gears – Steel

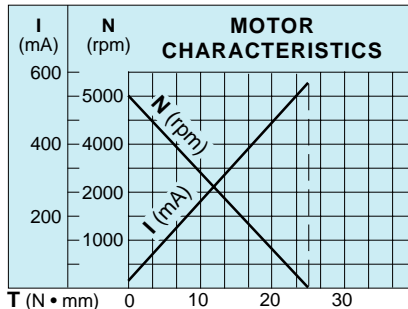
Bearings – Bronze

* Catalog Number	Ratio to 1	L	Rated Torque N • mm (oz. in.)	Speed rpm	
				Rated	No Load
D33S35MF320006D	6	19	14.7 (2.1)	788	833
D33S35MF320010D	10			463	500
D33S35MF320018D	18	21.5	14.7 (2.1)	260	278
D33S35MF320030D	30		39.2 (5.6)	154	167
D33S35MF320050D	50	24	58.8 (8.3)	93	100
D33S35MF320060D	60		78.5 (11.1)	77	83
D33S35MF320075D	75	24	88.3 (12.5)	62	67
D33S35MF320100D	100		98.1 (13.9)	47	50
D33S35MF320120D	120		117.7 (16.7)	38	42
D33S35MF320150D	150	26.5	147.1 (20.8)	31	33
D33S35MF320180D	180		176.5 (25)	26	28

*Will be discontinued when current stock is depleted.

Continued on the next page

Same gearhead with different motor is offered as D33S35MN54... series. See index.





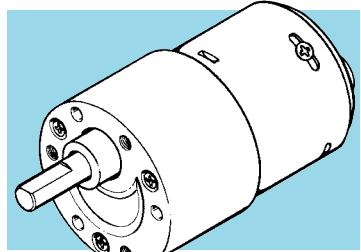
■ 24 VOLTS

■ 37 mm DIAMETER

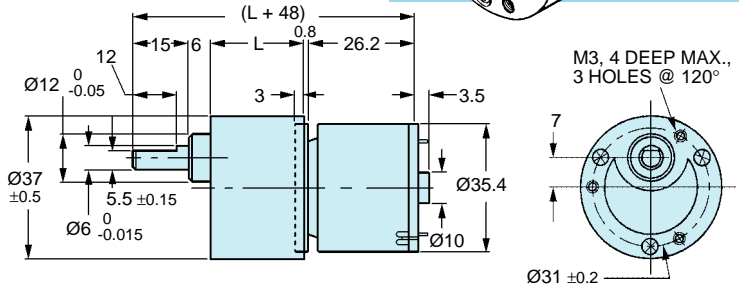
MOTOR SPECIFICATIONS:

- Rated Voltage – 24V
- Rated Torque – 1.96 N • mm
- Rated Speed – 4600 rpm
- Rated Current – ≤ 90 mA
- No Load Speed – 5000 rpm
- No Load Current – ≤ 35 mA
- Rated Output – 0.9 W
- Operating Temperature – -10°C to +60°C

For replacement gearheads, see **A 2G23MA...** Series.



The projections shown are per ISO convention.



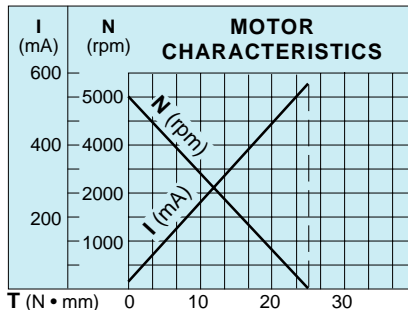
MATERIAL:

- Housing: Aluminum
- Gearhead – Aluminum
- Motor – Steel, Zinc Plated
- Shafts & Gears – Steel
- Bearings – Bronze

*Catalog Number	Ratio to 1	L	Rated Torque N • mm (oz. in.)	Speed rpm	
				Rated	No Load
D33S35MF320200D	200	26.5	588.4 (83.3)	23	25
D33S35MF320250D	250			18	20
D33S35MF320300D	300			16	17
D33S35MF320400D	400	29	588.4 (83.3)	11.5	12.5
D33S35MF320500D	500			9	10
D33S35MF320600D	600			7.7	8.3
D33S35MF320750D	750	29	588.4 (83.3)	6.3	6.7
D33S35MF321000D	1000			4.8	5
D33S35MF321500D	1500			3.2	3.3
D33S35MF323000D	3000	31.5	588.4 (83.3)	1.6	1.7

*Will be discontinued when current stock is depleted.

Same gearhead with different motor is offered as **D33S57MN54...**series. See index.





METRIC

Medium-Duty D.C. Gearmotors - Size 37

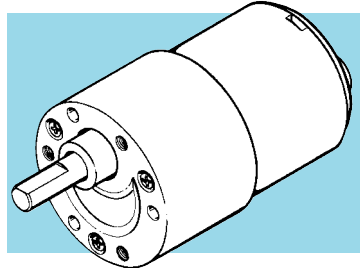
■ 24 VOLTS

■ 37 mm DIAMETER

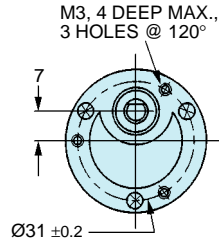
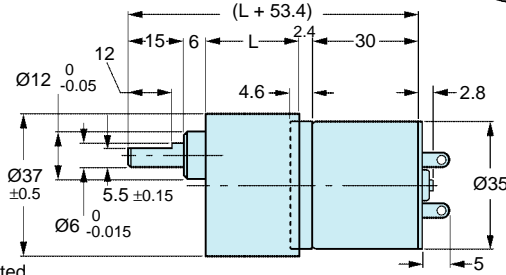
MOTOR SPECIFICATIONS:

- Rated Voltage – 24V
- Rated Torque – 4.9 N • mm
- Rated Speed – 4200 rpm
- Rated Current – ≤ 180 mA
- No Load Speed – 4900 rpm
- No Load Current – ≤ 100 mA
- Rated Output – 2.1 W
- Operating Temperature – -10°C to +60°C

For replacement gearheads, see A 2G23MA... Series.



The projections shown are per ISO convention.

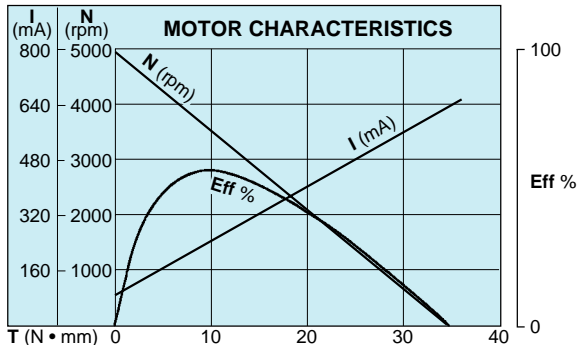


MATERIAL:

- Housing:
 - Gearhead – Aluminum
 - Motor – Steel, Zinc Plated
- Shafts & Gears – Steel
- Bearings – Bronze

Catalog Number	Ratio to 1	L	Rated Torque N • mm (oz. in.)	Speed rpm	
				Rated	No Load
D33S35MS350006D	6	19	39.2 (5.6)	727	817
D33S35MS350010D	10			421	490
D33S35MS350018D	18	21.5	39.2 (5.6)	238	272
D33S35MS350030D	30		98.1 (13.9)	142	163
D33S35MS350050D	50	24	157 (22.2)	84	98
D33S35MS350060D	60		186.4 (26.4)	70	82
D33S35MS350075D	75	24	220.7 (31.3)	56	65
D33S35MS350100D	100		323.7 (45.8)	42	49
D33S35MS350120D	120		367.7 (52.1)	35	41
D33S35MS350150D	150	26.5	431.6 (61.1)	28	33
D33S35MS350180D	180		588.4 (83.3)	23	27

Continued on the next page





METRIC

Medium-Duty D.C. Gearmotors - Size 37

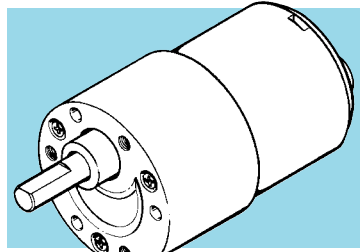
■ 24 VOLTS

■ 37 mm DIAMETER

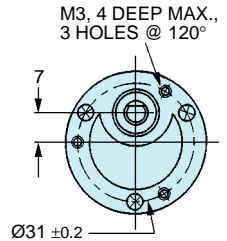
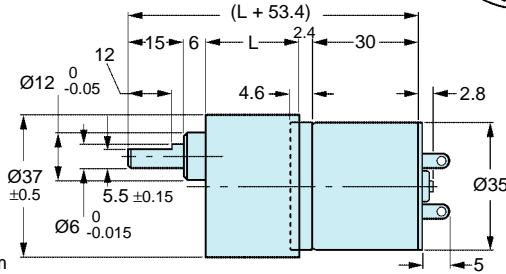
MOTOR SPECIFICATIONS:

- Rated Voltage – 24V
- Rated Torque – 4.9 N • mm
- Rated Speed – 4200 rpm
- Rated Current – ≤ 180 mA
- No Load Speed – 4900 rpm
- No Load Current – ≤ 100 mA
- Rated Output – 2.1 W
- Operating Temperature – -10°C to +60°C

For replacement gearheads, see A 2G23MA... Series.



The projections shown are per ISO convention.



MATERIAL:

Housing:

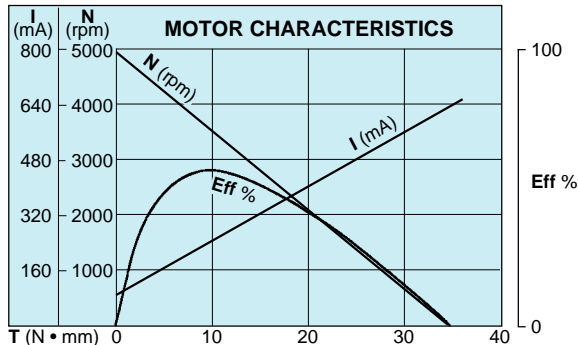
Gearhead – Aluminum

Motor – Steel, Zinc Plated

Shafts & Gears – Steel

Bearings – Bronze

Catalog Number	Ratio to 1	L	Rated Torque N • mm (oz. in.)	Speed rpm	
				Rated	No Load
D33S35MS350200D	200	26.5	578.8 (81.9)	21	25
D33S35MS350250D	250			17	20
D33S35MS350300D	300	26.5	588.4 (83.3)	15	16
D33S35MS350400D	400			11.5	12
D33S35MS350500D	500	29	588.4 (83.3)	9.2	9.8
D33S35MS350600D	600			7.8	8
D33S35MS350750D	750	29	588.4 (83.3)	6.3	6.5
D33S35MS351000D	1000			4.7	4.9
D33S35MS351500D	1500			3.2	3.3
D33S35MS353000D	3000	31.5	588.4 (83.3)	1.6	1.6





METRIC

Medium-Duty D.C. Gearmotors - Size 37

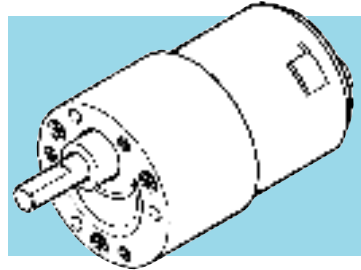
■ 24 VOLTS

■ 37 mm DIAMETER

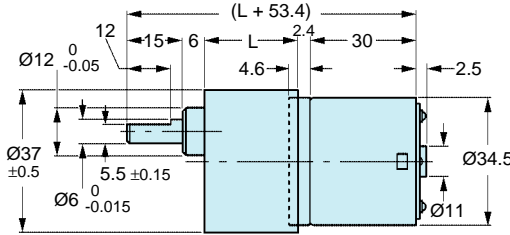
MOTOR SPECIFICATIONS:

- Rated Voltage – 24V
- Rated Torque – 4.9 N • mm
- Rated Speed – 4500 rpm
- Rated Current – ≤ 203 mA
- No Load Speed – 5700 rpm
- No Load Current – ≤ 36 mA
- Weight – 100 g
- Rated Output – 2.3W
- Operating Temperature – -10°C to +60°C

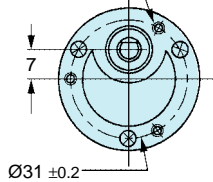
For replacement gearheads, see A 2G23MA... Series.



The projections shown are per ISO convention.



M3, 4 DEEP MAX.,
3 HOLES @ 120°



MATERIAL:

Housing:

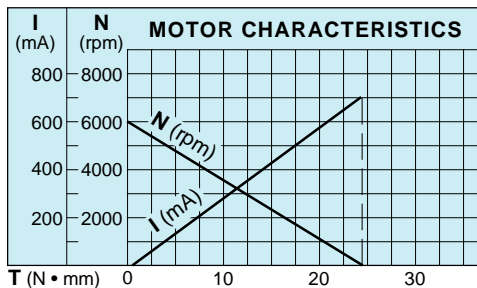
- Gearhead – Aluminum
- Motor – Steel, Zinc Plated
- Shafts & Gears – Steel
- Bearings – Bronze

*Catalog Number	Ratio to 1	L	Rated Torque N • mm (oz. in.)	Speed rpm	
				Rated	No Load
D33S35ME350006D	6	19	39.2 (5.6)	771	950
D33S35ME350010D	10			451	570
D33S35ME350018D	18	21.5	39.2 (5.6)	255	317
D33S35ME350030D	30		98.1 (13.9)	153	190
D33S35ME350050D	50	24	147.1 (20.8)	92	114
D33S35ME350060D	60		196.1 (27.8)	75	95
D33S35ME350075D	75	24	220.7 (31.3)	60	76
D33S35ME350100D	100		294.2 (41.7)	46	57
D33S35ME350120D	120		367.7 (52.1)	37	47
D33S35ME350150D	150	26.5	441.3 (62.5)	30	38
D33S35ME350180D	180		588.4 (83.3)	25	32

*Will be discontinued when present stock is depleted.

Continued on the next page

Same gearhead with different motor is offered as D33S35MS35... D series. See index.





METRIC

Medium-Duty D.C. Gearmotors - Size 37

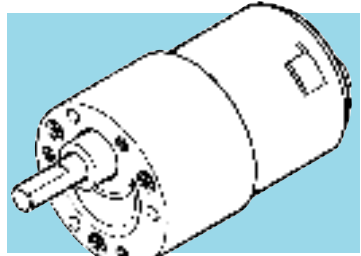
■ 24 VOLTS

■ 37 mm DIAMETER

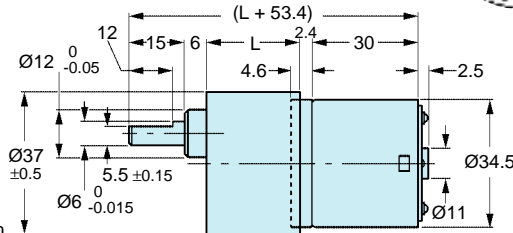
MOTOR SPECIFICATIONS:

- Rated Voltage – 24V
- Rated Torque – 4.9 N • mm
- Rated Speed – 4500 rpm
- Rated Current – ≤ 203 mA
- No Load Speed – 5700 rpm
- No Load Current – ≤ 36 mA
- Rated Output – 2.3W
- Operating Temperature – -10°C to $+60^{\circ}\text{C}$

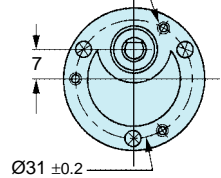
For replacement gearheads, see **A 2G23MA...** Series.



The projections shown are per ISO convention.



M3, 4 DEEP MAX.,
3 HOLES @ 120°



MATERIAL:

Housing:

Gearhead – Aluminum

Motor – Steel, Zinc Plated

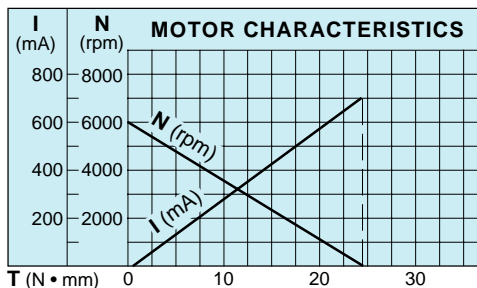
Shafts & Gears – Steel

Bearings – Bronze

*Catalog Number	Ratio to 1	L	Rated Torque N • mm (oz. in.)	Speed rpm	
				Rated	No Load
D33S35ME350200D	200	26.5	588.4 (83.3)	22	29
D33S35ME350250D	250			19	23
D33S35ME350300D	300			16	19
D33S35ME350400D	400	29	588.4 (83.3)	12	14
D33S35ME350500D	500			10	11
D33S35ME350600D	600			8.6	9.5
D33S35ME350750D	750	29	588.4 (83.3)	7	7.6
D33S35ME351000D	1000			5.4	5.7
D33S35ME351500D	1500			3.7	3.8
D33S35ME353000D	3000	31.5	588.4 (83.3)	1.8	1.9

*Will be discontinued when present stock is depleted.

Same gearhead with different motor is offered as **D33S35MS35... D** series. See index.





METRIC

Medium-Duty D.C. Gearmotors - Size 37

■ 24 VOLTS

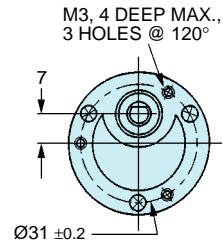
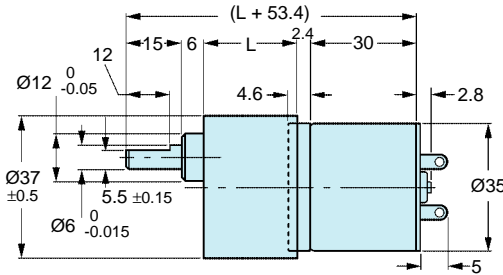
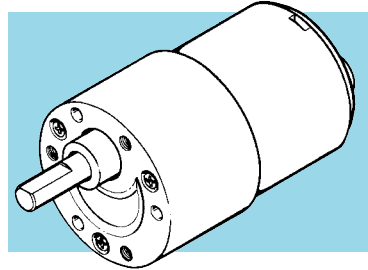
■ HIGH-SPEED

■ 37 mm DIAMETER

MOTOR SPECIFICATIONS:

- Rated Voltage – 24V
- Rated Torque – 4.9 N•mm
- Rated Speed – 6550 rpm
- Rated Current – ≤ 300 mA
- No Load Speed – 7450 rpm
- No Load Current – ≤ 100 mA
- Rated Output – 3.28W
- Operating Temp. – -10°C to $+60^{\circ}\text{C}$

For replacement gearheads, see **A 2G23MA....** Series.



MATERIAL:

Housing:

Gearhead - Aluminum

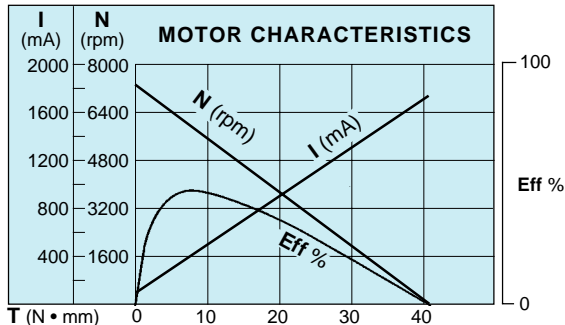
Shafts & Gears – Steel

Motor - Stamped Steel, Zinc Chromate finish

Bearings – Bronze

Catalog Number	Ratio to 1	L	Rated Torque N • mm (oz. in.)	Speed rpm	
				Rated	No Load
D33S57M35A0006B	6	19	39.2 (5.6)	1092	1242
D33S57M35A0010B	10			656	745
D33S57M35A0018B	18	21.5	39.2 (5.6)	364	414
D33S57M35A0030B	30			221	248
D33S57M35A0050B	50	24	156.9 (22.2)	132	149
D33S57M35A0060B	60			110	124
D33S57M35A0075B	75	24	220.7 (31.3)	87	99
D33S57M35A0100B	100			66	75
D33S57M35A0120B	120	26.5	367.7 (52.1)	55	62
D33S57M35A0150B	150			44	50
D33S57M35A0180B	180			36	41

Continued on the next page





METRIC

Medium-Duty D.C. Gearmotors - Size 37

■ 24 VOLTS

■ HIGH-SPEED

■ 37 mm DIAMETER

MOTOR SPECIFICATIONS:

Rated Voltage – 24V

Rated Torque – 4.9 N•mm

Rated Speed – 6550 rpm

Rated Current – ≤ 300 mA

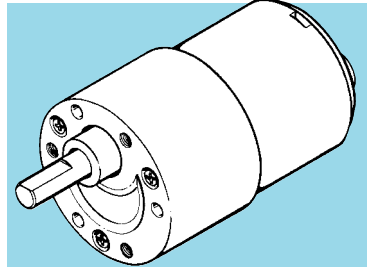
No Load Speed – 7450 rpm

No Load Current – ≤ 100 mA

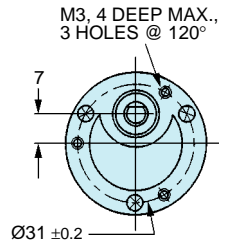
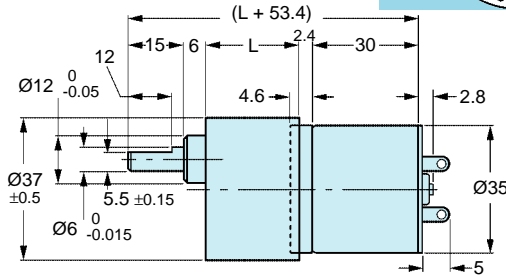
Rated Output – 3.28W

Operating Temp. – -10°C to +60°C

For replacement gearheads, see A 2G23MA.... Series.



The projections shown are per ISO convention.



MATERIAL:

Housing:

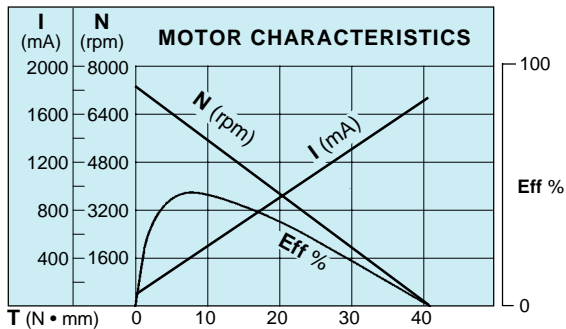
Gearhead - Aluminum

Motor - Stamped Steel,
Zinc Chromate finish

Shafts & Gears – Steel

Bearings – Bronze

Catalog Number	Ratio to 1	L	Rated Torque N • mm (oz. in.)	Speed rpm	
				Rated	No Load
D33S57M35A0200B	200	26.5	578.8 (81.9)	33	37
D33S57M35A0250B	250	26.5	588.4 (83.3)	27	30
D33S57M35A0300B	300	26.5	588.4 (83.3)	23	25
D33S57M35A0400B	400	29	588.4 (83.3)	17	18.6
D33S57M35A0500B	500	29	588.4 (83.3)	14	15
D33S57M35A0600B	600	29	588.4 (83.3)	12	12.4
D33S57M35A0750B	750	29	588.4 (83.3)	9.6	9.9
D33S57M35A1000B	1000	29	588.4 (83.3)	7.2	7.5
D33S57M35A1500B	1500	31.5	588.4 (83.3)	4.9	5
D33S57M35A3000B	3000	31.5	588.4 (83.3)	2.5	2.5





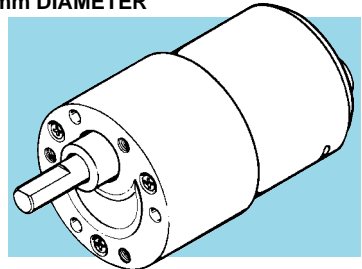
■ **24 VOLTS**

■ **37 mm DIAMETER**

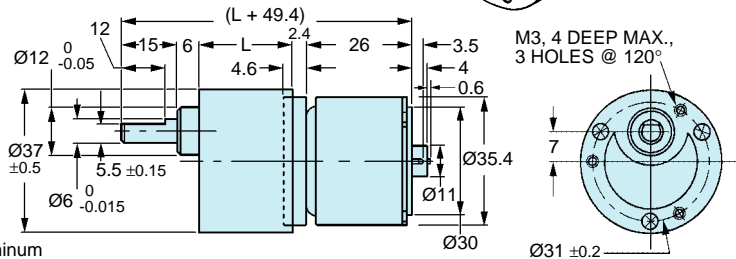
MOTOR SPECIFICATIONS:

- Rated Voltage – 24V
- Rated Torque – 5.1 N • mm
- Rated Speed – 3600 rpm
- Rated Current – ≤ 160 mA
- No Load Speed – 4750 rpm
- No Load Current – ≤ 35 mA
- Rated Output – 1.87 W
- Operating Temperature – -10°C to +60°C

For replacement gearheads, see **A 2G23MA...** Series.



The projections shown are per ISO convention.

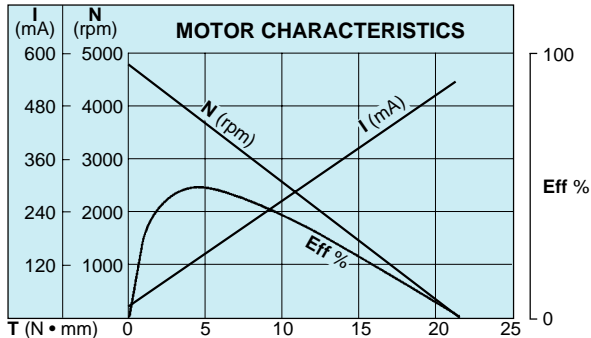


MATERIAL:

- Housing:
 - Gearhead – Aluminum
 - Motor – Steel, Zinc Plated
- Shafts & Gears – Steel
- Bearings – Bronze

Catalog Number	Ratio to 1	L	Rated Torque N • mm (oz. in.)	Speed rpm	
				Rated	No Load
D33S35MN540006D	6	19	39.2 (5.6)	600	792
D33S35MN540010D	10			366	475
D33S35MN540018D	18	21.5	14.7 (2.1)	200	264
D33S35MN540030D	30		107.9 (25.3)	121	158
D33S35MN540050D	50	24	106.8 (23.6)	72	95
D33S35MN540060D	60		196.2 (27.8)	61	79
D33S35MN540075D	75	24	88.3 (12.5)	48	63
D33S35MN540100D	100		333.5 (47.2)	36	48
D33S35MN540120D	120		117.7 (16.7)	30	40
D33S35MN540150D	150	26.5	457.3 (69.8)	24	32
D33S35MN540180D	180		176.5 (25)	20	26

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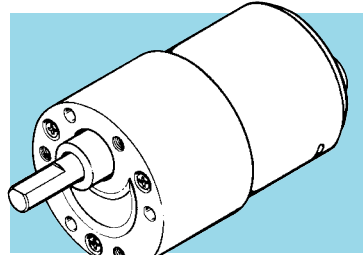
■ 24 VOLTS

■ 37 mm DIAMETER

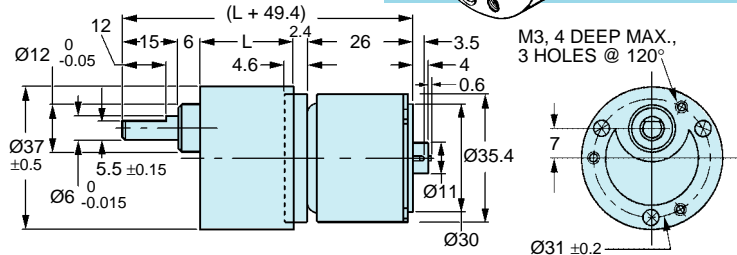
MOTOR SPECIFICATIONS:

- Rated Voltage – 24V
- Rated Torque – 5.1 N • mm
- Rated Speed – 3600 rpm
- Rated Current – ≤ 160 mA
- No Load Speed – 4750 rpm
- No Load Current – ≤ 35 mA
- Rated Output – 1.87 W
- Operating Temperature – -10°C to +60°C

For replacement gearheads, see A 2G23MA... Series.



The projections shown are per ISO convention.



MATERIAL:

- Housing:
 - Gearhead – Aluminum
 - Motor – Steel, Zinc Plated
- Shafts & Gears – Steel
- Bearings – Bronze

Catalog Number	Ratio to 1	L	Rated Torque N • mm (oz. in.)	Speed rpm	
				Rated	No Load
D33S35MN540200D	200			18	24
D33S35MN540250D	250	26.5	588.6 (83.3)	15	19
D33S35MN540300D	300			13	16
D33S35MN540400D	400			11	12
D33S35MN540500D	500	29	588.6 (83.3)	8.5	9.5
D33S35MN540600D	600			7.2	8
D33S35MN540750D	750	29	588.6 (83.3)	5.9	6.3
D33S35MN541000D	1000			4.5	4.8
D33S35MN541500D	1500	31.5	588.6 (83.3)	3	3.2
D33S35MN543000D	3000			1.6	1.6

