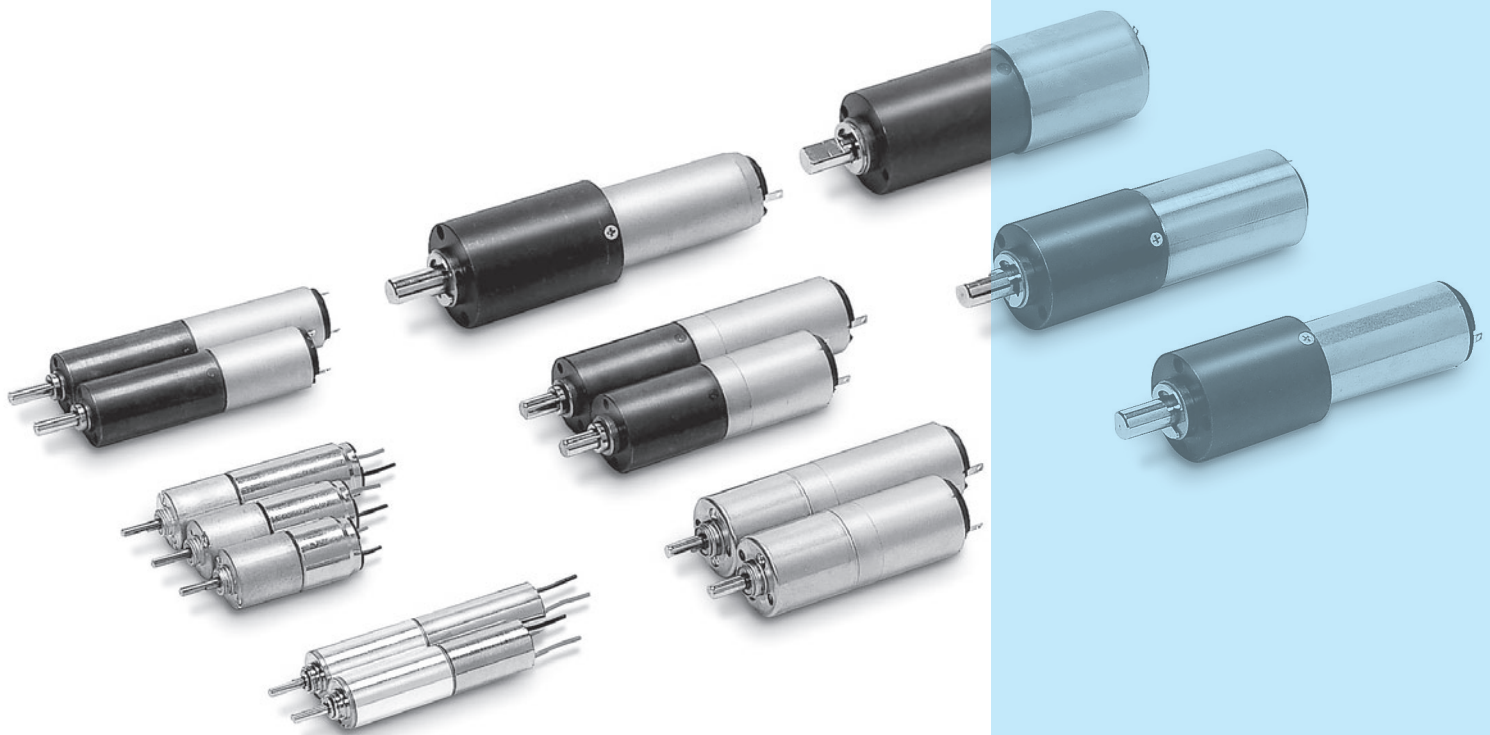




GEAR MOTOR

(CORELESS)

コアレスモータ
Coreless Motor

φ 10~24mm

遊星ギヤヘッド
Planetary Gearhead

φ 10~22mm

スパーギヤヘッド
Spur Gearhead

φ 12~42mm
36~66mm
60~100mm

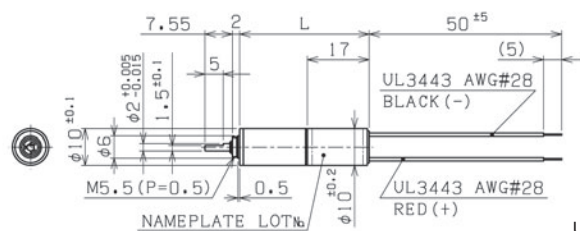
ギヤードモータ
(コアレス)

φ 10ギヤードモータ Gear Motor

コアレスモータ Coreless Motor

コアレスモータ Coreless Motor SCR10-17 × × page30

遊星ギヤヘッド Planetary Gearhead IG-10 page52



Unit : mm

IG-10GM-SRW1701A-2.4 DC2.4V 起動電流 Starting current 470mA

減速比 Reduction Ratio (1/i)	無負荷回転数 No-Load Speed min ⁻¹	定格回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
16	567	473	1.47	0.015	0.208	(8.87)	29.85
64	142	112	5.88	0.06	0.834	(27.8)	32.75
256	35.4	29.8	14.7	0.15	2.08	(92.9)	35.65
1024	8.85	7.13	58.8	0.60	8.34	(303)	38.55

IG-10GM-SRW1702A-03 DC3V 起動電流 Starting current 380mA

減速比 Reduction Ratio (1/i)	無負荷回転数 No-Load Speed min ⁻¹	定格回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
16	553	435	1.96	0.02	0.278	(9.19)	29.85
64	138	111	5.88	0.06	0.834	(30.1)	32.75
256	34.6	27.5	19.6	0.20	2.78	(95.5)	35.65
1024	8.64	6.87	63.7	0.65	9.03	(311)	38.55

IG-10GM-SRW1703A-3.6 DC3.6V 起動電流 Starting current 290mA

減速比 Reduction Ratio (1/i)	無負荷回転数 No-Load Speed min ⁻¹	定格回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
16	542	448	1.47	0.015	0.208	(8.48)	29.85
64	135	106	5.88	0.06	0.834	(27.4)	32.75
256	33.9	28.2	14.7	0.15	2.08	(87.4)	35.65
1024	8.46	6.74	58.8	0.60	8.34	(289)	38.55

IG-10GM-SRW1705A-06 DC6V 起動電流 Starting current 300mA

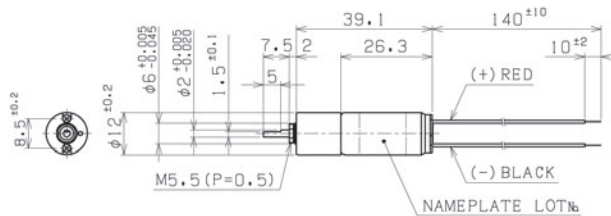
減速比 Reduction Ratio (1/i)	無負荷回転数 No-Load Speed min ⁻¹	定格回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
16	773	635	1.96	0.02	0.278	(11.0)	29.85
64	193	156	6.86	0.07	0.972	(35.8)	32.75
256	48.3	40.1	19.6	0.20	2.78	(115)	35.65
1024	12.1	9.7	73.5	0.75	10.4	(371)	38.55

標準品 Standard
特注品 Custom-made

1. 上記データは参考値です。
2. 上記スペックは一例で、要望スペックにて承ります。

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The above specifications are an example and your specifications are welcomed.

コアレスモータ
Coreless Motor



*THE CABLE LOCATION IS FOR REFERENCE ONLY. Unit : mm

page34

page53

起動電流 Starting current 207mA

減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
7	721	600	1.96	0.020	0.278	(11.7)	39.1
15	347	277	4.41	0.045	0.625	(21.9)	39.1
31	174	139	7.85	0.08	1.11	(39.0)	39.1
52	103	88.1	9.81	0.10	1.39	(67.8)	39.1
71	75.0	63.0	14.7	0.15	2.08	(91.9)	39.1
100	53.9	44.6	19.6	0.20	2.78	(114)	39.1
143	37.5	31.9	24.5	0.25	3.47	(164)	39.1
208	25.9	23.2	24.5	0.25	3.47	(235)	39.1

起動電流 Starting current 280mA

減速比	無負荷 回転数	定格 回転数	定格トルク			起動 トルク	長さ (L)
Reduction Ratio (1/i)	No-Load Speed min ⁻¹	Rated Speed min ⁻¹	Rated Torque			Starting Torque mNm	Length
			mNm	kg·cm	oz·in		mm
7	1495	1409	0.88	0.009	0.125	(15.3)	39.1
15	720	683	1.47	0.015	0.208	(28.6)	39.1
31	360	339	2.94	0.030	0.417	(50.4)	39.1
52	214	201	5.39	0.055	0.764	(88.7)	39.1
71	156	146	7.35	0.075	1.04	(115)	39.1
100	112	105	8.83	0.09	1.25	(141)	39.1
143	77.8	74.2	9.81	0.10	1.39	(212)	39.1
208	53.6	51.1	14.7	0.15	2.08	(315)	39.1

起動電流 Starting current 390mA

減速比	無負荷 回転数	定格 回転数	定格トルク			起動 トルク	長さ (L)
Reduction Ratio (1/i)	No-Load Speed min ⁻¹	Rated Speed min ⁻¹	Rated Torque			Starting Torque mNm	Length mm
			mNm	kg·cm	oz·in		
7	1028	918	1.47	0.015	0.208	(13.7)	39.1
15	495	438	2.94	0.03	0.417	(25.5)	39.1
31	247	216	5.88	0.06	0.834	(46.9)	39.1
52	147	129	9.81	0.10	1.39	(80.1)	39.1
71	107	97.2	9.81	0.10	1.39	(107)	39.1
100	76.8	68.4	14.7	0.15	2.08	(134)	39.1
143	53.5	46.7	24.5	0.25	3.47	(193)	39.1
208	36.9	33.6	24.5	0.25	3.47	(274)	39.1

起動電流 Starting current 706mA

減速比	無負荷 回転数	定格 回転数	定格トルク			起動 トルク	長さ (L)
Reduction Ratio (1/i)	No-Load Speed min ⁻¹	Rated Speed min ⁻¹	Rated Torque			Starting Torque mNm	Length
			mNm	kg·cm	oz·in		mm
7	1842	1583	4.41	0.045	0.625	(31.4)	39.1
15	887	753	8.83	0.09	1.25	(58.4)	39.1
31	443	382	14.7	0.15	2.08	(107)	39.1
52	264	228	24.5	0.25	3.47	(180)	39.1
71	192	173	24.5	0.25	3.47	(248)	39.1
100	138	127	24.5	0.25	3.47	(307)	39.1
143	95.8	90.5	24.5	0.25	3.47	(443)	39.1
208	66.1	63.5	24.5	0.25	3.47	(623)	39.1

1. 上記データは参考値です。

2. 上記スペックは一例で、要望スペックにて承ります。

The above data is for reference only.

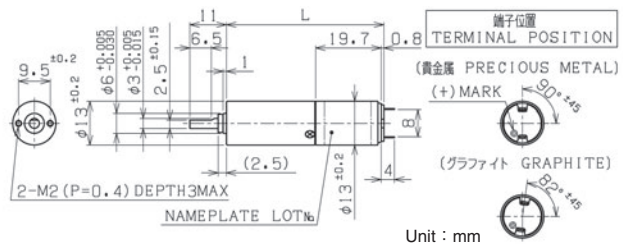
The above specifications are an example and your specifications are welcomed.

φ 13ギヤードモータ Gear Motor

コアレスモータ Coreless Motor

コアレスモータ Coreless Motor SCR13-20 × × page35

遊星ギヤヘッド Planetary Gearhead IG-13V page54



IG-13VM-SRP2007A-03 DC3V 起動電流 Starting current 1200mA

減速比 Reduction Ratio (1/i)	無負荷回転数 No-Load Speed min ⁻¹	定格回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
16	527	417	6.37	0.065	0.903	(30.5)	39.00
19	454	360	7.35	0.075	1.04	(35.5)	39.00
66	130	107	19.6	0.20	2.78	(111)	42.75
77	112	90.6	24.5	0.25	3.47	(128)	42.75
90	96.3	77.4	29.4	0.3	4.17	(150)	42.75
271	32.0	25.1	88.3	0.9	12.5	(410)	46.50
315	27.5	21.9	98.1	1.0	13.9	(482)	46.50
366	23.7	18.7	118	1.2	16.7	(559)	46.50
425	20.4	16.0	137	1.4	19.4	(635)	46.50

IG-13VM-SRP2006A-03 DC3V 起動電流 Starting current 790mA

減速比 Reduction Ratio (1/i)	無負荷回転数 No-Load Speed min ⁻¹	定格回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
16	392	299	6.37	0.065	0.903	(26.8)	39.00
19	338	258	7.35	0.075	1.04	(31.1)	39.00
66	96.6	77.4	19.6	0.20	2.78	(98.6)	42.75
77	83.2	65.4	24.5	0.25	3.47	(115)	42.75
90	71.6	55.8	29.4	0.3	4.17	(133)	42.75
271	23.8	18.0	88.3	0.9	12.5	(362)	46.50
315	20.5	15.7	98.1	1.0	13.9	(419)	46.50
366	17.6	13.4	118	1.2	16.7	(494)	46.50
425	15.2	11.5	137	1.4	19.4	(563)	46.50

IG-13VM-SRP2005A-06 DC6V 起動電流 Starting current 1070mA

減速比 Reduction Ratio (1/i)	無負荷回転数 No-Load Speed min ⁻¹	定格回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
16	710	571	9.81	0.10	1.39	(50.1)	39.00
19	611	457	14.7	0.15	2.08	(58.3)	39.00
66	175	133	44.1	0.45	6.25	(184)	42.75
77	151	113	53.9	0.55	7.64	(214)	42.75
90	130	96.3	63.7	0.65	9.03	(246)	42.75
271	43.1	31.8	177	1.8	25.0	(675)	46.50
315	37.1	27.3	206	2.1	29.2	(780)	46.50
366	31.9	23.7	235	2.4	33.3	(914)	46.50
425	27.5	20.4	275	2.8	38.9	(1065)	46.50

IG-13VM-SRP2004A-06 DC6V 起動電流 Starting current 740mA

減速比 Reduction Ratio (1/i)	無負荷回転数 No-Load Speed min ⁻¹	定格回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
16	585	453	9.81	0.10	1.39	(43.5)	39.00
19	504	357	14.7	0.15	2.08	(50.4)	39.00
66	144	104	44.1	0.45	6.25	(159)	42.75
77	124	87.9	53.9	0.55	7.64	(185)	42.75
90	107	75.1	63.7	0.65	9.03	(214)	42.75
271	35.5	24.8	177	1.8	25.0	(587)	46.50
315	30.6	21.3	206	2.1	29.2	(678)	46.50
366	26.3	18.5	235	2.4	33.3	(792)	46.50
425	22.7	15.9	275	2.8	38.9	(918)	46.50

IG-13VM-SRP2003A-06 DC6V 起動電流 Starting current 500mA

減速比 Reduction Ratio (1/i)	無負荷回転数 No-Load Speed min ⁻¹	定格回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
16	472	391	6.37	0.065	0.903	(37.1)	39.00
19	407	337	7.35	0.075	1.04	(42.7)	39.00
66	116	99.5	19.6	0.20	2.78	(138)	42.75
77	100	84.5	24.5	0.25	3.47	(158)	42.75
90	86.2	72.3	29.4	0.3	4.17	(182)	42.75
271	28.7	23.6	88.3	0.9	12.5	(497)	46.50
315	24.7	20.5	98.1	1.0	13.9	(577)	46.50
366	21.2	17.5	118	1.2	16.7	(676)	46.50
425	18.3	15.1	137	1.4	19.4	(783)	46.50

IG-13VM-SRP2002A-12 DC12V 起動電流 Starting current 605mA

減速比 Reduction Ratio (1/i)	無負荷回転数 No-Load Speed min ⁻¹	定格回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
16	768	638	9.81	0.10	1.39	(58.0)	39.00
19	661	517	14.7	0.15	2.08	(67.5)	39.00
66	189	150	44.1	0.45	6.25	(214)	42.75
77	163	127	53.9	0.55	7.64	(244)	42.75
90	140	109	63.7	0.65	9.03	(288)	42.75
271	46.6	36.1	177	1.8	25.0	(786)	46.50
315	40.1	31.0	206	2.1	29.2	(908)	46.50
366	34.5	26.8	235	2.4	33.3	(1053)	46.50
425	29.7	23.1	275	2.8	38.9	(1238)	46.50

IG-13VM-SRP2001A-12 DC12V 起動電流 Starting current 335mA

減速比 Reduction Ratio (1/i)	無負荷回転数 No-Load Speed min ⁻¹	定格回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
16	541	420	9.81	0.10	1.39	(43.9)	39.00
19	466	332	14.7	0.15	2.08	(51.1)	39.00
66	133	96.7	44.1	0.45	6.25	(162)	42.75
77	115	81.6	53.9	0.55	7.64	(186)	42.75
90	98.7	69.8	63.7	0.65	9.03	(218)	42.75
271	32.8	23.0	177	1.8	25.0	(592)	46.50
315	28.3	19.8	206	2.1	29.2	(686)	46.50
366	24.3	17.1	235	2.4	33.3	(793)	46.50
425	20.9	14.7	275	2.8	38.9	(927)	46.50

標準品 Standard

特注品 Custom-made

1. 上記データは参考値です。

2. 上記スペックは一例で、要望スペックにて承ります。

The above data is for reference only.

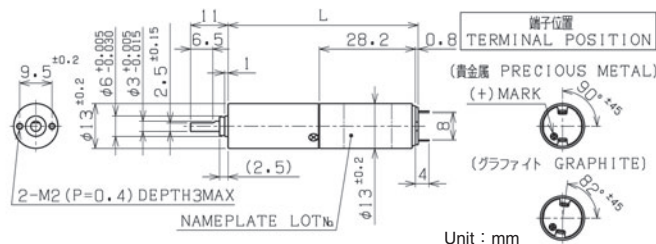
The above specifications are an example and your specifications are welcomed.

φ 13ギヤードモータ Gear Motor

コアレスモータ Coreless Motor

コアレスモータ Coreless Motor SCR13-28 × × page36

遊星ギヤヘッド Planetary Gearhead IG-13V page54



Unit : mm

IG-13VM-SRP2807A-06 DC6V 起動電流 Starting current 1625mA

減速比 Reduction Ratio (1/i)	無負荷回転数 No-Load Speed min ⁻¹	定格回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
16	566	508	9.81	0.10	1.39	(95.7)	47.50
19	487	423	14.7	0.15	2.08	(112)	47.50
66	139	122	44.1	0.45	6.25	(361)	51.25
77	120	104	53.9	0.55	7.64	(404)	51.25
90	103	89.4	63.7	0.65	9.03	(482)	51.25
271	34.3	29.6	177	1.8	25.0	(1292)	55.00
315	29.6	25.5	206	2.1	29.2	(1487)	55.00
366	25.4	22.0	235	2.4	33.3	(1756)	55.00
425	21.9	18.9	275	2.8	38.9	(2008)	55.00

IG-13VM-SRP2806A-06 DC6V 起動電流 Starting current 1225mA

減速比 Reduction Ratio (1/i)	無負荷回転数 No-Load Speed min ⁻¹	定格回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
16	499	441	9.81	0.10	1.39	(84.4)	47.50
19	430	365	14.7	0.15	2.08	(97.2)	47.50
66	123	105	44.1	0.45	6.25	(301)	51.25
77	106	89.9	53.9	0.55	7.64	(355)	51.25
90	91.1	77.2	63.7	0.65	9.03	(417)	51.25
271	30.3	25.6	177	1.8	25.0	(1141)	55.00
315	26.1	22.0	206	2.1	29.2	(1311)	55.00
366	22.4	19.0	235	2.4	33.3	(1548)	55.00
425	19.3	16.3	275	2.8	38.9	(1769)	55.00

IG-13VM-SRP2805A-06 DC6V 起動電流 Starting current 860mA

減速比 Reduction Ratio (1/i)	無負荷回転数 No-Load Speed min ⁻¹	定格回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
16	422	368	9.81	0.10	1.39	(76.7)	47.50
19	363	304	14.7	0.15	2.08	(90.4)	47.50
66	104	87.7	44.1	0.45	6.25	(281)	51.25
77	89.5	74.8	53.9	0.55	7.64	(328)	51.25
90	77.0	64.1	63.7	0.65	9.03	(380)	51.25
271	25.6	21.2	177	1.8	25.0	(1030)	55.00
315	22.0	18.3	206	2.1	29.2	(1225)	55.00
366	19.0	15.8	235	2.4	33.3	(1395)	55.00
425	16.3	13.6	275	2.8	38.9	(1660)	55.00

IG-13VM-SRP2804A-12 DC12V 起動電流 Starting current 1180mA

減速比 Reduction Ratio (1/i)	無負荷回転数 No-Load Speed min ⁻¹	定格回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
16	713	579	24.5	0.25	3.47	(130)	47.50
19	614	495	29.4	0.30	4.17	(152)	47.50
66	176	141	93.2	0.95	13.2	(469)	51.25
77	151	122	108	1.1	15.3	(562)	51.25
90	130	104	127	1.3	18.1	(635)	51.25
271	43.3	36.0	294	3.0	41.7	(1744)	55.00
315	37.3	31.9	294	3.0	41.7	(2031)	55.00
366	32.1	28.1	294	3.0	41.7	(2359)	55.00
425	27.6	24.7	294	3.0	41.7	(2798)	55.00

IG-13VM-SRP2803A-12 DC12V 起動電流 Starting current 775mA

減速比 Reduction Ratio (1/i)	無負荷回転数 No-Load Speed min ⁻¹	定格回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
16	591	474	19.6	0.20	2.78	(99.0)	47.50
19	509	422	19.6	0.20	2.78	(115)	47.50
66	146	118	68.6	0.70	9.72	(358)	51.25
77	125	100	83.4	0.85	11.8	(417)	51.25
90	108	86.2	98.1	1.0	13.9	(486)	51.25
271	35.9	28.7	265	2.7	37.5	(1321)	55.00
315	30.9	25.0	294	3.0	41.7	(1540)	55.00
366	26.6	22.2	294	3.0	41.7	(1777)	55.00
425	22.9	19.7	294	3.0	41.7	(2104)	55.00

IG-13VM-SRP2802A-12 DC12V 起動電流 Starting current 470mA

減速比 Reduction Ratio (1/i)	無負荷回転数 No-Load Speed min ⁻¹	定格回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
16	463	379	14.7	0.15	2.08	(81.0)	47.50
19	399	337	14.7	0.15	2.08	(94.6)	47.50
66	114	93.4	53.9	0.55	7.64	(298)	51.25
77	98.3	80.1	63.7	0.65	9.03	(344)	51.25
90	84.6	68.0	78.5	0.8	11.1	(400)	51.25
271	28.1	22.8	206	2.1	29.2	(1092)	55.00
315	24.2	19.5	245	2.5	34.7	(1261)	55.00
366	20.8	16.8	284	2.9	40.3	(1477)	55.00
425	17.9	14.9	294	3.0	41.7	(1754)	55.00

IG-13VM-SRP2801A-24 DC24V 起動電流 Starting current 555mA

減速比 Reduction Ratio (1/i)	無負荷回転数 No-Load Speed min ⁻¹	定格回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
16	718	579	24.5	0.25	3.47	(127)	47.50
19	619	494	29.4	0.30	4.17	(146)	47.50
66	177	141	93.2	0.95	13.2	(458)	51.25
77	152	122	108	1.1	15.3	(547)	51.25
90	131	104	127	1.3	18.1	(616)	51.25
271	43.6	36.0	294	3.0	41.7	(1687)	55.00
315	37.5	31.9	294	3.0	41.7	(1969)	55.00
366	32.3	28.2	294	3.0	41.7	(2316)	55.00
425	27.8	24.7	294	3.0	41.7	(2637)	55.00

標準品 Standard
特注品 Custom-made

1. 上記データは参考値です。
2. 上記スペックは一例で、要望スペックにて承ります。

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φ 16ギヤードモータ

Coreless Motor

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起動電流 Starting current 1395mA

減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
10	587	525	9.81	0.10	1.39	(92.9)	52.75
19	333	307	12.7	0.13	1.81	(163)	52.75
31	206	181	29.4	0.30	4.17	(242)	52.75
54	117	108	34.3	0.35	4.86	(446)	52.75
62	103	95.3	34.3	0.35	4.86	(459)	52.75
97	65.7	61.0	49.0	0.5	6.95	(685)	52.75
150	42.6	40.2	58.8	0.6	8.34	(1044)	52.75
206	31.0	29.6	58.8	0.6	8.34	(1302)	52.75
258	24.7	23.8	58.8	0.6	8.34	(1614)	52.75
375	17.0	16.6	58.8	0.6	8.34	(2499)	52.75
534	12.0	11.8	58.8	0.6	8.34	(3528)	52.75
992	6.45	6.38	58.8	0.6	8.34	(5418)	52.75
1413	4.53	4.49	58.8	0.6	8.34	(6659)	52.75

起動電流 Starting current 1200mA

減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
10	1027	915	9.81	0.10	1.39	(90)	52.75
19	583	536	12.7	0.13	1.81	(158)	52.75
31	361	323	24.5	0.25	3.47	(233)	52.75
54	205	188	34.3	0.35	4.86	(414)	52.75
62	180	166	34.3	0.35	4.86	(441)	52.75
97	115	106	49.0	0.50	6.95	(626)	52.75
150	74.6	70.3	58.8	0.60	8.34	(1020)	52.75
206	54.3	51.7	58.8	0.60	8.34	(1228)	52.75
258	43.3	41.6	58.8	0.60	8.34	(1498)	52.75
375	29.8	29.1	58.8	0.60	8.34	(2503)	52.75
534	20.9	20.6	58.8	0.60	8.34	(4096)	52.75
992	11.3	11.2	58.8	0.60	8.34	(6644)	52.75
1413	7.92	7.86	58.8	0.60	8.34	(7762)	52.75

起動電流 Starting current 800mA

減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg・cm	oz・in		
10	1118	1058	7.35	0.075	1.04	(137)	52.75
19	635	601	12.7	0.13	1.81	(237)	52.75
31	393	371	19.6	0.20	2.78	(350)	52.75
54	224	211	34.3	0.35	4.86	(591)	52.75
62	196	186	34.3	0.35	4.86	(672)	52.75
97	125	119	49.0	0.50	6.95	(1021)	52.75
150	81.3	78.1	58.8	0.60	8.34	(1494)	52.75
206	59.1	57.2	58.8	0.60	8.34	(1829)	52.75
258	47.1	46.0	58.8	0.60	8.34	(2518)	52.75
375	32.5	31.9	58.8	0.60	8.34	(3185)	52.75
534	22.8	22.5	58.8	0.60	8.34	(4469)	52.75
992	12.3	12.2	58.8	0.60	8.34	(7232)	52.75
1413	8.63	8.59	58.8	0.60	8.34	(12686)	52.75

The above specifications are an example and your specifications are welcomed

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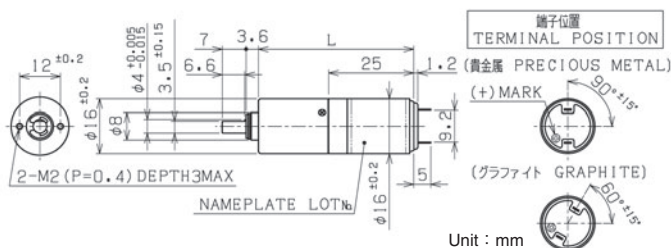
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遊星ギヤヘッド
Planetary Gearhead

IG-16

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Unit : mm

IG-16GM-SR2503A-06 DC6V 起動電流 Starting current 308mA

減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	1009	817	1.47	0.015	0.208	(7.73)	42.4
15	291	226	4.90	0.050	0.695	(21.9)	42.4
23	190	148	7.35	0.075	1.04	(33.3)	42.4
61	73.8	58.1	14.7	0.15	2.08	(69.1)	45.6
107	42.2	33.7	24.5	0.25	3.47	(122)	45.6
242	18.7	14.6	49.0	0.5	6.95	(223)	48.8
326	13.9	10.7	68.6	0.7	9.72	(298)	48.8
410	11.1	8.60	83.4	0.9	12.5	(370)	48.8
483	9.39	7.30	98.1	1.0	13.9	(441)	48.8

IG-16GM-SR2506A-06 DC6V 起動電流 Starting current 600mA

減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	1378	1195	1.96	0.02	0.278	(14.8)	42.4
15	398	342	5.88	0.06	0.834	(41.8)	42.4
23	260	224	8.83	0.09	1.25	(63.8)	42.4
61	101	89.6	14.7	0.15	2.08	(130)	45.6
107	57.7	50.3	29.4	0.3	4.17	(229)	45.6
242	25.5	22.0	58.8	0.6	8.34	(428)	48.8
326	19.0	16.4	78.5	0.8	11.1	(574)	48.8
410	15.1	13.0	98.1	1.0	13.9	(705)	48.8
483	12.8	11.0	118	1.2	16.7	(839)	48.8

IG-16GM-SR2501A-06 DC6V 起動電流 Starting current 750mA

減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	2022	1656	1.96	0.02	0.278	(10.8)	42.4
15	584	472	5.88	0.06	0.834	(30.7)	42.4
23	381	309	8.83	0.09	1.25	(46.7)	42.4
61	148	126	14.7	0.15	2.08	(98.9)	45.6
107	84.7	70.0	29.4	0.3	4.17	(169)	45.6
242	37.5	30.4	58.8	0.6	8.34	(311)	48.8
326	27.9	22.6	78.5	0.8	11.1	(413)	48.8
410	22.2	18.0	98.1	1.0	13.9	(519)	48.8
483	18.8	15.2	118	1.2	16.7	(616)	48.8

IG-16GM-SR2504A-12 DC12V 起動電流 Starting current 220mA

減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	1382	1126	1.47	0.015	0.208	(7.94)	42.4
15	399	312	4.90	0.050	0.695	(22.5)	42.4
23	260	205	7.35	0.075	1.04	(34.7)	42.4
61	101	80.2	14.7	0.15	2.08	(71.4)	45.6
107	57.9	46.4	24.5	0.25	3.47	(123)	45.6
242	25.6	20.1	49.0	0.50	6.95	(228)	48.8
326	19.1	14.8	68.6	0.70	9.72	(305)	48.8
410	15.2	11.9	83.4	0.85	11.8	(384)	48.8
483	12.9	10.1	98.1	1.0	13.9	(452)	48.8

IG-16GM-SR2502A-12 DC12V 起動電流 Starting current 407mA

減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	2044	1663	2.45	0.025	0.347	(13.1)	42.4
15	591	466	7.85	0.08	1.11	(37.1)	42.4
23	385	319	9.81	0.10	1.39	(57.2)	42.4
61	150	118	24.5	0.25	3.47	(115)	45.6
107	85.6	67.2	44.1	0.45	6.25	(205)	45.6
242	37.9	30.0	78.5	0.8	11.1	(377)	48.8
326	28.2	22.2	108	1.1	15.3	(508)	48.8
410	22.4	17.6	137	1.4	19.4	(639)	48.8
483	19.0	15.0	157	1.6	22.2	(746)	48.8

IG-16GM-SR2512A-12 DC12V 起動電流 Starting current 1429mA

減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	3333	2825	4.90	0.05	0.695	(32.1)	42.4
15	963	807	14.7	0.15	2.08	(90.7)	42.4
23	628	540	19.6	0.20	2.78	(140)	42.4
61	244	206	44.1	0.45	6.25	(283)	45.6
107	140	116	83.4	0.85	11.8	(487)	45.6
242	61.8	51.9	147	1.5	20.8	(918)	48.8
326	45.9	40.5	147	1.5	20.8	(1250)	48.8
410	36.6	32.0	196	2.0	27.8	(1559)	48.8
483	31.0	27.7	196	2.0	27.8	(1841)	48.8

IG-16GM-SR2507A-24 DC24V 起動電流 Starting current 351mA

減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	2587	2139	3.43	0.04	0.486	(19.8)	42.4
15	747	616	9.81	0.10	1.39	(55.9)	42.4
23	487	404	14.7	0.15	2.08	(86.3)	42.4
61	189	158	29.4	0.30	4.17	(179)	45.6
107	108	89.4	53.9	0.55	7.64	(313)	45.6
242	47.9	39.7	98.1	1.0	13.9	(573)	48.8
326	35.7	29.2	137	1.4	19.4	(752)	48.8
410	28.4	23.4	167	1.7	23.6	(949)	48.8
483	24.1	19.9	196	2.0	27.8	(1125)	48.8

: 標準品 Standard

■：特注品 Custom-made

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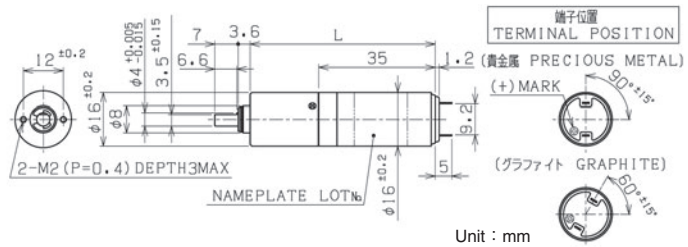
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φ 16ギヤードモータ Gear Motor

コアレスモータ Coreless Motor

コアレスモータ Coreless Motor
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遊星ギヤヘッド Planetary Gearhead
IG-16
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IG-16GM-SR3505A-06 DC6V 起動電流 Starting current 536mA

減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	1007	865	2.94	0.03	0.417	(20.8)	52.4
15	291	247	8.83	0.09	1.25	(58.4)	52.4
23	190	169	9.81	0.10	1.39	(88.8)	52.4
61	73.7	64.0	24.5	0.25	3.47	(186)	55.6
107	42.2	35.8	49.0	0.5	6.95	(323)	55.6
242	18.7	15.9	88.3	0.9	12.5	(590)	58.8
326	13.9	11.8	118	1.2	16.7	(781)	58.8
410	11.1	9.44	147	1.5	20.8	(983)	58.8
483	9.37	7.98	177	1.8	25.0	(1193)	58.8

IG-16GM-SR3501A-06 DC6V 起動電流 Starting current 1395mA

減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	1351	1189	4.90	0.05	0.695	(40.9)	52.4
15	390	340	14.7	0.15	2.08	(115)	52.4
23	255	226	19.6	0.20	2.78	(172)	52.4
61	98.8	86.9	44.1	0.45	6.25	(366)	55.6
107	56.6	49.2	83.4	0.85	11.8	(638)	55.6
242	25.0	21.9	147	1.5	20.8	(1185)	58.8
326	18.6	16.9	147	1.5	20.8	(1608)	58.8
410	14.8	13.4	196	2.0	27.8	(2072)	58.8
483	12.6	11.5	196	2.0	27.8	(2245)	58.8

IG-16GM-SR3502A-12 DC12V 起動電流 Starting current 909mA

減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	1796	1497	6.86	0.07	0.972	(41.2)	52.4
15	519	431	19.6	0.20	2.78	(116)	52.4
23	338	283	29.4	0.30	4.17	(181)	52.4
61	131	109	63.7	0.65	9.03	(379)	55.6
107	75.2	63.7	98.1	1.0	13.9	(641)	55.6
242	33.3	29.1	147	1.5	20.8	(1166)	58.8
326	24.8	22.5	147	1.5	20.8	(1585)	58.8
410	19.7	17.8	196	2.0	27.8	(2032)	58.8
483	16.7	15.3	196	2.0	27.8	(2338)	58.8

IG-16GM-SR3506A-12 DC12V 起動電流 Starting current 1200mA

減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	2364	2080	4.90	0.05	0.695	(40.8)	52.4
15	683	596	14.7	0.15	2.08	(115)	52.4
23	446	396	19.6	0.20	2.78	(175)	52.4
61	173	152	44.1	0.45	6.25	(363)	55.6
107	99.0	86.0	83.4	0.85	11.8	(635)	55.6
242	43.8	38.3	147	1.5	20.8	(1171)	58.8
326	32.6	29.5	147	1.5	20.8	(1546)	58.8
410	25.9	23.4	196	2.0	27.8	(2031)	58.8
483	22.0	20.1	196	2.0	27.8	(2269)	58.8

IG-16GM-SR3504A-24 DC24V 起動電流 Starting current 588mA

減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	2533	2320	3.43	0.04	0.486	(40.8)	52.4
15	732	669	9.81	0.10	1.39	(114)	52.4
23	477	438	14.7	0.15	2.08	(180)	52.4
61	185	170	29.4	0.30	4.17	(363)	55.6
107	106	97.1	53.9	0.55	7.64	(642)	55.6
242	47.0	43.0	98.1	1.0	13.9	(1153)	58.8
326	34.9	31.9	137	1.4	19.4	(1594)	58.8
410	27.8	25.4	167	1.7	23.6	(1934)	58.8
483	23.6	21.6	196	2.0	27.8	(2313)	58.8

IG-16GM-SR3509A-24 DC24V 起動電流 Starting current 800mA

減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	2618	2468	3.43	0.04	0.486	(59.9)	52.4
15	756	712	9.81	0.10	1.39	(169)	52.4
23	493	465	14.7	0.15	2.08	(259)	52.4
61	192	181	29.4	0.30	4.17	(513)	55.6
107	110	103	53.9	0.55	7.64	(847)	55.6
242	48.5	45.8	98.1	1.0	13.9	(1762)	58.8
326	36.1	33.9	137	1.4	19.4	(2248)	58.8
410	28.7	27.1	167	1.7	23.6	(2996)	58.8
483	24.4	23.0	196	2.0	27.8	(3416)	58.8

標準品 Standard
特注品 Custom-made

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コアレスモータ
Coreless Motor

コアレスモータ
Coreless Motor

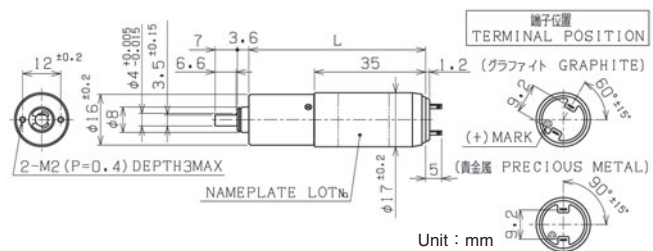
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遊星ギヤヘッド
Planetary Gearhead

IG-16

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Unit : mm

IG-16GM-SRT3502B-06 DC6V 起動電流 Starting current 1000mA

減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	887	737	6.86	0.07	0.972	(40.6)	52.4
15	256	212	19.6	0.20	2.78	(114)	52.4
23	167	139	29.4	0.30	4.17	(175)	52.4
61	64.9	53.5	63.7	0.65	9.03	(363)	55.6
107	37.1	31.4	98.1	1.0	13.9	(639)	55.6
242	16.4	14.4	147	1.5	20.8	(1205)	58.8
326	12.2	11.1	147	1.5	20.8	(1630)	58.8
410	9.73	8.76	196	2.0	27.8	(1966)	58.8
483	8.25	7.55	196	2.0	27.8	(2310)	58.8

IG-16GM-SRT3501B-12 DC12V 起動電流 Starting current 800mA

減速比	無負荷 回転数	定格 回転数	定格トルク			起動 トルク	長さ (L)
Reduction Ratio (1/i)	No-Load Speed min ⁻¹	Rated Speed min ⁻¹	Rated Torque			Starting Torque mNm	Length
			mNm	kg・cm	oz・in		mm
4	1258	1014	9.81	0.10	1.39	(50.6)	52.4
15	363	288	29.4	0.30	4.17	(142)	52.4
23	237	189	44.1	0.45	6.25	(218)	52.4
61	92.0	73.1	93.2	0.95	13.2	(454)	55.6
107	52.7	46.1	98.1	1.0	13.9	(783)	55.6
242	23.3	20.9	147	1.5	20.8	(1427)	58.8
326	17.3	16.0	147	1.5	20.8	(1956)	58.8
410	13.8	12.7	196	2.0	27.8	(2459)	58.8
483	11.7	10.9	196	2.0	27.8	(2867)	58.8

IG-16GM-SRT3504B-12 DC12V 起動電流 Starting current 2270mA

減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	2104	1868	9.81	0.10	1.39	(87.5)	52.4
15	608	535	29.4	0.30	4.17	(245)	52.4
23	396	350	44.1	0.45	6.25	(380)	52.4
61	154	135	98.1	1.0	13.9	(795)	55.6
107	88.1	81.8	98.1	1.0	13.9	(1372)	55.6
242	39.0	36.7	147	1.5	20.8	(2493)	58.8
326	29.0	27.7	147	1.5	20.8	(3279)	58.8
410	23.1	22.0	196	2.0	27.8	(4116)	58.8
483	19.6	18.8	196	2.0	27.8	(4802)	58.8

IG-16GM-SRT3508B-24 DC24V 起動電流 Starting current 640mA

減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg・cm	oz・in		
4	1822	1517	9.81	0.10	1.39	(58.6)	52.4
15	526	433	29.4	0.30	4.17	(166)	52.4
23	343	284	44.1	0.45	6.25	(256)	52.4
61	133	110	93.2	0.95	13.2	(539)	55.6
107	76.3	68.1	98.1	1.0	13.9	(913)	55.6
242	33.8	30.8	147	1.5	20.8	(1656)	58.8
326	25.1	23.5	147	1.5	20.8	(2306)	58.8
410	20.0	18.6	196	2.0	27.8	(2800)	58.8
483	17.0	16.0	196	2.0	27.8	(3332)	58.8

IG-16GM-SRT3501B-24 DC24V 起動電流 Starting current 1600mA

減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	2572	2344	9.81	0.1	1.39	(111)	52.4
15	743	649	39.2	0.4	5.56	(310)	52.4
23	485	435	49.0	0.5	6.95	(475)	52.4
61	188	169	98.1	1.0	13.9	(971)	55.6
107	108	102	98.1	1.0	13.9	(1766)	55.6
242	47.7	45.5	147	1.5	20.8	(3187)	58.8
326	35.5	34.2	147	1.5	20.8	(4014)	58.8
410	28.2	27.2	196	2.0	27.8	(5527)	58.8
483	23.9	23.2	196	2.0	27.8	(6692)	58.8

: 標準品 Standard

: 特注品 Custom-made

1. 上記データは参考値です。

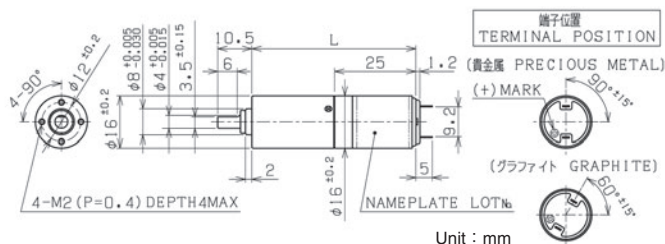
2. 上記スペックは一例で、要望スペックにて承ります。

The above data is for reference only.

The above specifications are an example and your specifications are welcomed.

コアレスモータ
Coreless Motor

コアレスモータ Coreless Motor	SCR16-25 × × page37
遊星ギヤヘッド Planetary Gearhead	IG-16V page57



IG-16VM-SR2503A-06			DC6V		起動電流 Starting current 308mA		
減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
19	236	185	5.88	0.060	0.83	(27.2)	43.2
23	192	149	7.35	0.075	1.04	(32.8)	43.2
29	156	120	9.32	0.095	1.32	(40.4)	43.2
84	53.9	42.7	19.6	0.20	2.78	(94.3)	46.8
103	43.7	34.5	24.5	0.25	3.47	(116)	46.8
127	35.5	28.2	29.4	0.30	4.17	(143)	46.8
157	28.8	22.4	39.2	0.40	5.56	(176)	46.8
369	12.3	9.60	73.5	0.75	10.4	(335)	50.4
455	10.0	7.73	93.2	0.95	13.2	(411)	50.4
560	8.10	6.23	118	1.2	16.7	(511)	50.4
690	6.58	5.14	137	1.4	19.4	(626)	50.4
850	5.34	4.12	177	1.8	25.0	(775)	50.4

IG-16VM-SR2506A-06			DC6V		起動電流 Starting current 600mA		
減速比 Reduction Ratio (1/ι)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg・cm	oz・in		
19	323	276	7.35	0.075	1.04	(50.5)	43.2
23	262	225	8.83	0.09	1.25	(62.5)	43.2
29	213	186	9.81	0.10	1.39	(77.4)	43.2
84	73.6	63.6	24.5	0.25	3.47	(180)	46.8
103	59.7	51.8	29.4	0.30	4.17	(222)	46.8
127	48.5	41.6	39.2	0.40	5.56	(276)	46.8
157	39.4	33.7	49.0	0.50	6.95	(339)	46.8
369	16.8	14.3	93.2	0.95	13.2	(626)	50.4
455	13.6	11.8	108	1.1	15.3	(816)	50.4
560	11.1	9.51	137	1.4	19.4	(956)	50.4
690	8.98	7.74	167	1.7	23.6	(1209)	50.4
850	7.29	6.28	206	2.1	29.2	(1487)	50.4

IG-16VM-SR2501A-06			DC6V		起動電流 Starting current 750mA		
減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
19	473	381	7.35	0.075	1.04	(37.8)	43.2
23	384	311	8.83	0.09	1.25	(46.4)	43.2
29	312	259	9.81	0.10	1.39	(57.7)	43.2
84	108	88.0	24.5	0.25	3.47	(132)	46.8
103	87.7	71.9	29.4	0.30	4.17	(163)	46.8
127	71.2	57.3	39.2	0.40	5.56	(201)	46.8
157	57.8	46.4	49.0	0.50	6.95	(248)	46.8
369	24.6	19.8	93.2	0.95	13.2	(478)	50.4
455	20.0	16.3	108	1.1	15.3	(584)	50.4
560	16.2	13.1	137	1.4	19.4	(716)	50.4
690	13.2	10.7	167	1.7	23.6	(882)	50.4
850	10.7	8.68	206	2.1	29.2	(1091)	50.4

IG-16VM-SR2504A-12			DC6DC12V		起動電流 Starting current 220mA		
減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg・cm	oz・in		
19	324	255	5.88	0.060	0.83	(27.6)	43.2
23	263	206	7.35	0.075	1.04	(33.9)	43.2
29	213	166	9.32	0.095	1.32	(42.2)	43.2
84	73.8	58.9	19.6	0.20	2.78	(97.1)	46.8
103	59.9	47.7	24.5	0.25	3.47	(120)	46.8
127	48.6	39.0	29.4	0.30	4.17	(149)	46.8
157	39.5	31.0	39.2	0.40	5.56	(182)	46.8
369	16.8	13.3	73.5	0.75	10.4	(353)	50.4
455	13.7	10.7	93.2	0.95	13.2	(426)	50.4
560	11.1	8.61	118	1.2	16.7	(526)	50.4
690	9.01	7.10	137	1.4	19.4	(646)	50.4
850	7.31	5.69	177	1.8	25.0	(799)	50.4

IG-16VM-SR2502A-12			DC12V			起動電流	Starting current 407mA
減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
19	479	376	9.81	0.10	1.39	(45.6)	43.2
23	389	321	9.81	0.10	1.39	(56.1)	43.2
29	316	249	14.7	0.15	2.08	(69.3)	43.2
84	109	85.9	34.3	0.35	4.86	(162)	46.8
103	88.6	71.1	39.2	0.40	5.56	(198)	46.8
127	72.0	57.5	49.0	0.50	6.95	(243)	46.8
157	58.4	46.1	63.7	0.65	9.03	(302)	46.8
369	24.9	19.8	118	1.2	16.7	(576)	50.4
455	20.2	16.0	147	1.5	20.8	(707)	50.4
560	16.4	12.9	186	1.9	26.4	(872)	50.4
690	13.3	10.5	226	2.3	32.0	(1074)	50.4
850	10.8	8.49	284	2.9	40.3	(1328)	50.4

IG-16VM-SR2512A-12			DC12V		起動電流 Starting current 1429mA		
減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ(L) Length mm
			mNm	kg・cm	oz・in		
19	780	678	14.7	0.15	2.08	(112)	43.2
23	633	543	19.6	0.20	2.78	(138)	43.2
29	514	440	24.5	0.25	3.47	(170)	43.2
84	178	149	63.7	0.65	9.03	(391)	46.8
103	144	121	78.5	0.8	11.1	(491)	46.8
127	117	98.1	98.1	1.0	13.9	(607)	46.8
157	95.3	80.0	118	1.2	16.7	(735)	46.8
369	40.6	34.1	226	2.3	32.0	(1412)	50.4
455	33.0	27.5	284	2.9	40.3	(1704)	50.4
560	26.8	22.3	353	3.6	50.0	(2102)	50.4
690	21.7	18.1	431	4.4	61.1	(2598)	50.4
850	17.6	15.0	490	5.0	69.5	(3317)	50.4

IG-16VM-SR2507A-24			DC24V		起動電流 Starting current 351mA		
減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
19	606	519	9.81	0.10	1.39	(68.3)	43.2
23	492	406	14.7	0.15	2.08	(84.1)	43.2
29	399	343	14.7	0.15	2.08	(105)	43.2
84	138	116	39.2	0.40	5.56	(246)	46.8
103	112	91.9	53.9	0.55	7.64	(300)	46.8
127	91.0	75.3	63.7	0.65	9.03	(369)	46.8
157	73.9	61.1	78.5	0.8	11.1	(453)	46.8
369	31.5	26.1	147	1.5	20.8	(858)	50.4
455	25.6	21.1	186	1.9	26.4	(1058)	50.4
560	20.8	17.0	235	2.4	33.3	(1286)	50.4
690	16.9	13.9	284	2.9	40.3	(1600)	50.4
850	13.7	11.3	353	3.6	50.0	(2015)	50.4

■ : 標準品 Standard
■ : 特注品 Custom-made

1. 上記データは参考値です。
2. 上記スペックは一例で、要望スペックにて承ります。

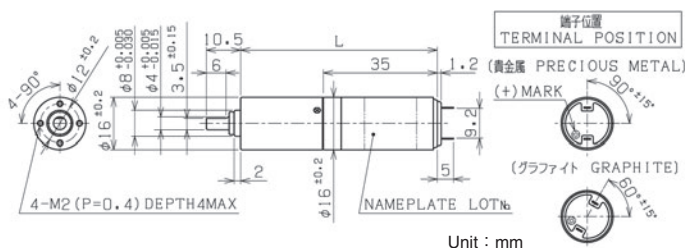
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φ 16ギヤードモータ Gear Motor

コアレスモータ Coreless Motor

コアレスモータ Coreless Motor SCR16-35 × × page38

遊星ギヤヘッド Planetary Gearhead IG-16V page57



Unit : mm

IG-16VM-SR3505A-06 DC6V 起動電流 Starting current 536mA

減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
19	236	204	9.81	0.10	1.39	(72.3)	53.2
23	191	170	9.81	0.10	1.39	(89.2)	53.2
29	155	135	14.7	0.15	2.08	(114)	53.2
84	53.8	45.5	39.2	0.40	5.56	(254)	56.8
103	43.7	37.5	44.1	0.45	6.25	(311)	56.8
127	35.5	30.1	58.8	0.60	8.34	(387)	56.8
157	28.8	24.4	73.5	0.75	10.4	(481)	56.8
369	12.3	10.4	137	1.4	19.4	(887)	60.4
455	10.0	8.48	167	1.7	23.6	(1124)	60.4
560	8.09	6.88	206	2.1	29.2	(1377)	60.4
690	6.57	5.58	255	2.6	36.1	(1692)	60.4
850	5.33	4.53	314	3.2	44.5	(2092)	60.4

IG-16VM-SR3501A-06 DC6V 起動電流 Starting current 1395mA

減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
19	316	284	14.7	0.15	2.08	(145)	53.2
23	257	228	19.6	0.20	2.78	(174)	53.2
29	209	185	24.5	0.25	3.47	(213)	53.2
84	72.1	62.9	63.7	0.65	9.03	(499)	56.8
103	58.6	51.1	78.5	0.8	11.1	(613)	56.8
127	47.6	41.4	98.1	1.0	13.9	(753)	56.8
157	38.6	33.7	118	1.2	16.7	(930)	56.8
369	16.5	14.4	226	2.3	32.0	(1776)	60.4
455	13.4	11.6	284	2.9	40.3	(2114)	60.4
560	10.8	9.42	353	3.6	50.0	(2763)	60.4
690	8.81	7.66	431	4.4	61.1	(3302)	60.4
850	7.15	6.29	490	5.0	69.5	(4074)	60.4

IG-16VM-SR3502A-12 DC12V 起動電流 Starting current 909mA

減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
19	420	349	24.5	0.25	3.47	(145)	53.2
23	341	284	29.4	0.30	4.17	(176)	53.2
29	277	233	34.3	0.35	4.86	(216)	53.2
84	95.9	80.1	83.4	0.85	11.8	(506)	56.8
103	77.8	64.4	108	1.1	15.3	(627)	56.8
127	63.2	52.7	127	1.3	18.1	(764)	56.8
157	51.3	42.8	157	1.6	22.2	(948)	56.8
369	21.9	18.2	304	3.1	43.1	(1799)	60.4
455	17.8	14.7	382	3.9	54.2	(2193)	60.4
560	14.4	11.9	471	4.8	66.7	(2713)	60.4
690	11.7	10.0	490	5.0	69.5	(3372)	60.4
850	9.50	8.38	490	5.0	69.5	(4156)	60.4

IG-16VM-SR3506A-12 DC12V 起動電流 Starting current 1200mA

減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
19	553	493	14.7	0.15	2.08	(135)	53.2
23	449	396	19.6	0.20	2.78	(166)	53.2
29	364	321	24.5	0.25	3.47	(207)	53.2
84	126	111	58.8	0.60	8.34	(494)	56.8
103	102	89.6	73.5	0.75	10.4	(605)	56.8
127	83.1	72.5	93.2	0.95	13.2	(731)	56.8
157	67.5	58.6	118	1.2	16.7	(895)	56.8
369	28.7	25.0	226	2.3	32.0	(1753)	60.4
455	23.3	20.3	275	2.8	38.9	(2136)	60.4
560	18.9	16.5	333	3.4	47.2	(2622)	60.4
690	15.4	13.4	422	4.3	59.7	(3249)	60.4
850	12.5	10.9	490	5.0	69.5	(3828)	60.4

IG-16VM-SR3504A-24 DC24V 起動電流 Starting current 588mA

減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
19	593	552	9.81	0.10	1.39	(142)	53.2
23	481	441	14.7	0.15	2.08	(177)	53.2
29	391	364	14.7	0.15	2.08	(213)	53.2
84	135	125	39.2	0.40	5.56	(529)	56.8
103	110	100	53.9	0.55	7.64	(593)	56.8
127	89.2	81.7	63.7	0.65	9.03	(758)	56.8
157	72.4	66.3	78.5	0.8	11.1	(932)	56.8
369	30.8	28.3	147	1.5	20.8	(1811)	60.4
455	25.0	22.9	186	1.9	26.4	(2214)	60.4
560	20.3	18.6	235	2.4	33.3	(2806)	60.4
690	16.5	15.1	284	2.9	40.3	(3347)	60.4
850	13.4	12.2	353	3.6	50.0	(3942)	60.4

IG-16VM-SR3509A-24 DC24V 起動電流 Starting current 800mA

減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
19	613	584	9.81	0.10	1.39	(207)	53.2
23	497	469	14.7	0.15	2.08	(261)	53.2
29	404	385	14.7	0.15	2.08	(313)	53.2
84	140	132	39.2	0.40	5.56	(686)	56.8
103	113	107	53.9	0.55	7.64	(1015)	56.8
127	92.1	86.9	63.7	0.65	9.03	(1128)	56.8
157	74.8	70.6	78.5	0.8	11.1	(1398)	56.8
369	31.9	30.1	147	1.5	20.8	(2605)	60.4
455	25.9	24.4	186	1.9	26.4	(3212)	60.4
560	21.0	19.8	235	2.4	33.3	(4113)	60.4
690	17.1	16.1	284	2.9	40.3	(4856)	60.4
850	13.9	13.0	353	3.6	50.0	(5452)	60.4

標準品 Standard
特注品 Custom-made

1. 上記データは参考値です。
2. 上記スペックは一例で、要望スペックにて承ります。

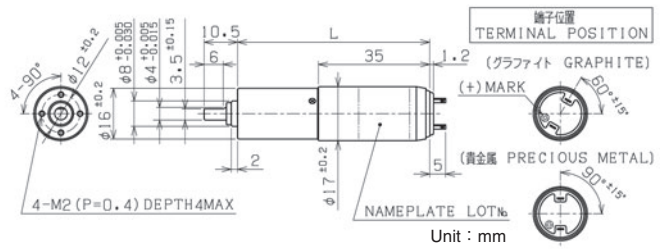
The above data is for reference only.
The above specifications are an example and your specifications are welcomed.

φ 17ギヤードモータ Gear Motor

コアレスモータ Coreless Motor

コアレスモータ Coreless Motor
SCR17-35 × ×
page39

遊星ギヤヘッド Planetary Gearhead
IG-16V
page57



IG-16VM-SRT3502B-06 DC6V 起動電流 Starting current 1000mA

減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
19	208	172	24.5	0.25	3.47	(142)	53.2
23	168	140	29.4	0.30	4.17	(176)	53.2
29	137	115	34.3	0.35	4.86	(214)	53.2
84	47.3	39.4	83.4	0.85	11.8	(499)	56.8
103	38.4	31.7	108	1.1	15.3	(619)	56.8
127	31.2	26.0	127	1.3	18.1	(762)	56.8
157	25.3	21.1	157	1.6	22.2	(946)	56.8
369	10.8	8.95	304	3.1	43.1	(1775)	60.4
455	8.77	7.23	382	3.9	54.2	(2175)	60.4
560	7.12	5.87	471	4.8	66.7	(2683)	60.4
690	5.78	4.93	490	5.0	69.5	(3332)	60.4
850	4.69	4.13	490	5.0	69.5	(4104)	60.4

IG-16VM-SRT3501B-12 DC12V 起動電流 Starting current 800mA

減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
19	294	237	34.3	0.35	4.86	(177)	53.2
23	239	190	44.1	0.45	6.25	(215)	53.2
29	194	155	53.9	0.55	7.64	(268)	53.2
84	67.1	53.3	127	1.3	18.1	(618)	56.8
103	54.5	43.3	157	1.6	22.2	(764)	56.8
127	44.3	35.0	196	2.0	27.8	(934)	56.8
157	35.9	28.3	245	2.5	34.7	(1157)	56.8
369	15.3	12.1	461	4.7	65.3	(2204)	60.4
455	12.4	10.2	490	5.0	69.5	(2762)	60.4
560	10.1	8.62	490	5.0	69.5	(3344)	60.4
690	8.20	7.22	490	5.0	69.5	(4100)	60.4
850	6.66	6.01	490	5.0	69.5	(5021)	60.4

IG-16VM-SRT3504B-12 DC12V 起動電流 Starting current 2270mA

減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
19	493	437	34.3	0.35	4.86	(302)	53.2
23	400	353	44.1	0.45	6.25	(375)	53.2
29	325	287	53.9	0.55	7.64	(461)	53.2
84	112	99.0	127	1.3	18.1	(1094)	56.8
103	91.2	79.7	167	1.7	23.6	(1324)	56.8
127	74.0	64.7	206	2.1	29.2	(1639)	56.8
157	60.1	52.8	245	2.5	34.7	(2017)	56.8
369	25.6	22.4	481	4.9	68.1	(3848)	60.4
455	20.8	18.6	490	5.0	69.5	(4633)	60.4
560	16.9	15.5	490	5.0	69.5	(5915)	60.4
690	13.7	12.8	490	5.0	69.5	(7459)	60.4
850	11.1	10.5	490	5.0	69.5	(9065)	60.4

IG-16VM-SRT3508B-24 DC24V 起動電流 Starting current 640mA

減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
19	427	355	34.3	0.35	4.86	(203)	53.2
23	346	285	44.1	0.45	6.25	(250)	53.2
29	281	232	53.9	0.55	7.64	(309)	53.2
84	97.3	80.0	127	1.3	18.1	(714)	56.8
103	79.0	65.0	157	1.6	22.2	(886)	56.8
127	64.1	52.6	196	2.0	27.8	(1092)	56.8
157	52.1	42.6	245	2.5	34.7	(1344)	56.8
369	22.2	18.2	461	4.7	65.3	(2559)	60.4
455	18.0	15.2	490	5.0	69.5	(3150)	60.4
560	14.6	12.8	490	5.0	69.5	(3974)	60.4
690	11.9	10.7	490	5.0	69.5	(4859)	60.4
850	9.64	8.84	490	5.0	69.5	(5905)	60.4

IG-16VM-SRT3501B-24 DC24V 起動電流 Starting current 1600mA

減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
19	602	525	49.0	0.50	6.95	(383)	53.2
23	489	428	58.8	0.60	8.34	(471)	53.2
29	397	347	73.5	0.75	10.4	(584)	53.2
84	137	120	167	1.7	23.6	(1346)	56.8
103	112	97.1	216	2.2	30.6	(1624)	56.8
127	90.5	78.8	265	2.7	37.5	(2050)	56.8
157	73.5	64.1	324	3.3	45.8	(2533)	56.8
369	31.3	28.1	490	5.0	69.5	(4793)	60.4
455	25.4	23.3	490	5.0	69.5	(5927)	60.4
560	20.6	19.3	490	5.0	69.5	(7765)	60.4
690	16.8	15.9	490	5.0	69.5	(9147)	60.4
850	13.6	13.0	490	5.0	69.5	(11107)	60.4

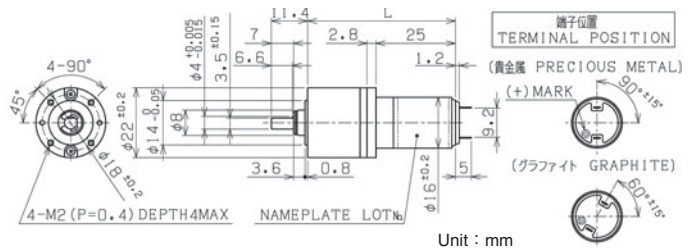
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特注品 Custom-made 2. 上記スペックは一例で、要望スペックにて承ります。 The above specifications are an example and your specifications are welcomed.

φ 22ギヤードモータ Gear Motor

コアレスモータ Coreless Motor

コアレスモータ Coreless Motor SCR16-25 × × page37

遊星ギヤヘッド Planetary Gearhead IG-22C page59



IG-22CGM-SR2503A-06 DC6V 起動電流 Starting current 308mA

減速比 Reduction Ratio (1/i)	無負荷回転数 No-Load Speed min ⁻¹	定格回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	1009	817	1.47	0.015	0.208	(7.73)	43.3
15	291	226	4.90	0.050	0.695	(21.9)	43.3
20	224	174	6.37	0.065	0.903	(28.5)	43.3
23	190	148	7.35	0.075	1.04	(33.3)	43.3
61	73.8	58.1	14.7	0.15	2.08	(69.1)	46.5
107	42.2	33.7	24.5	0.30	4.17	(122)	46.5
242	18.7	14.6	49.0	0.50	6.95	(223)	49.7
326	13.9	10.7	68.6	0.70	9.72	(298)	49.7
410	11.1	8.60	83.4	0.85	11.8	(370)	49.7
483	9.39	7.30	98.1	1.00	13.9	(441)	49.7

IG-22CGM-SR2506A-06 DC6V 起動電流 Starting current 600mA

減速比 Reduction Ratio (1/i)	無負荷回転数 No-Load Speed min ⁻¹	定格回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	1378	1195	1.96	0.02	0.278	(14.8)	43.3
15	398	342	5.88	0.06	0.834	(41.8)	43.3
20	306	262	7.85	0.08	1.11	(54.6)	43.3
23	260	224	8.83	0.09	1.25	(63.8)	43.3
61	101	89.6	14.7	0.15	2.08	(130)	46.5
107	57.7	50.3	29.4	0.3	4.17	(229)	46.5
242	25.5	22.0	58.8	0.6	8.34	(428)	49.7
326	19.0	16.4	78.5	0.8	11.1	(574)	49.7
410	15.1	13.0	98.1	1.0	13.9	(705)	49.7
483	12.8	11.0	118	1.2	16.7	(839)	49.7

IG-22CGM-SR2501A-06 DC6V 起動電流 Starting current 750mA

減速比 Reduction Ratio (1/i)	無負荷回転数 No-Load Speed min ⁻¹	定格回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	2022	1656	1.96	0.02	0.278	(10.8)	43.3
15	584	472	5.88	0.06	0.834	(30.7)	43.3
20	449	361	7.85	0.08	1.11	(40.1)	43.3
23	381	309	8.83	0.09	1.25	(46.7)	43.3
61	148	126	14.7	0.15	2.08	(98.9)	46.5
107	84.7	70.0	29.4	0.3	4.17	(169)	46.5
242	37.5	30.4	58.8	0.6	8.34	(311)	49.7
326	27.9	22.6	78.5	0.8	11.1	(413)	49.7
410	22.2	18.0	98.1	1.0	13.9	(519)	49.7
483	18.8	15.2	118	1.2	16.7	(616)	49.7

IG-22CGM-SR2504A-12 DC12V 起動電流 Starting current 220mA

減速比 Reduction Ratio (1/i)	無負荷回転数 No-Load Speed min ⁻¹	定格回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	1382	1126	1.47	0.015	0.208	(7.94)	43.3
15	399	312	4.90	0.050	0.695	(22.5)	43.3
20	307	240	6.37	0.065	0.903	(29.2)	43.3
23	260	205	7.35	0.075	1.04	(34.7)	43.3
61	101	80.2	14.7	0.15	2.08	(71.4)	46.5
107	57.9	46.4	24.5	0.30	4.17	(123)	46.5
242	25.6	20.1	49.0	0.50	6.95	(228)	49.7
326	19.1	14.8	68.6	0.70	9.72	(305)	49.7
410	15.2	11.9	83.4	0.85	11.8	(384)	49.7
483	12.9	10.1	98.1	1.00	13.9	(452)	49.7

IG-22CGM-SR2502A-12 DC12V 起動電流 Starting current 407mA

減速比 Reduction Ratio (1/i)	無負荷回転数 No-Load Speed min ⁻¹	定格回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	2044	1663	2.45	0.025	0.347	(13.1)	43.3
15	591	466	7.85	0.08	1.11	(37.1)	43.3
20	454	362	9.81	0.10	1.39	(48.4)	43.3
23	385	319	9.81	0.10	1.39	(57.2)	43.3
61	150	118	24.5	0.25	3.47	(115)	46.5
107	85.6	67.2	44.1	0.5	6.95	(205)	46.5
242	37.9	30.0	78.5	0.8	11.1	(377)	49.7
326	28.2	22.2	108	1.1	15.3	(508)	49.7
410	22.4	17.6	137	1.4	19.4	(639)	49.7
483	19.0	15.0	157	1.6	22.2	(746)	49.7

IG-22CGM-SR2512A-12 DC12V 起動電流 Starting current 1429mA

減速比 Reduction Ratio (1/i)	無負荷回転数 No-Load Speed min ⁻¹	定格回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	3333	2825	4.90	0.05	0.695	(32.1)	43.3
15	963	807	14.7	0.15	2.08	(90.7)	43.3
20	741	618	19.6	0.20	2.78	(118)	43.3
23	628	540	19.6	0.20	2.78	(140)	43.3
61	244	206	44.1	0.45	6.25	(283)	46.5
107	140	116	83.4	0.85	11.8	(487)	46.5
242	61.8	51.9	147	1.5	20.8	(918)	49.7
326	45.9	40.5	147	1.5	20.8	(1250)	49.7
410	36.6	32.0	196	2.0	27.8	(1559)	49.7
483	31.0	27.7	196	2.0	27.8	(1841)	49.7

IG-22CGM-SR2507A-24 DC24V 起動電流 Starting current 351mA

減速比 Reduction Ratio (1/i)	無負荷回転数 No-Load Speed min ⁻¹	定格回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	2587	2139	3.43	0.035	0.486	(19.8)	43.3
15	747	616	9.81	0.10	1.39	(55.9)	43.3
20	575	497	9.81	0.10	1.39	(72.3)	43.3
23	487	404	14.7	0.15	2.08	(86.3)	43.3
61	189	158	29.4	0.30	4.17	(179)	46.5
107	108	89.4	53.9	0.55	7.64	(313)	46.5
242	47.9	39.7	98.1	1.0	13.9	(573)	49.7
326	35.7	29.2	137	1.4	19.4	(752)	49.7
410	28.4	23.4	167	1.7	23.6	(949)	49.7
483	24.1	19.9	196	2.0	27.8	(1125)	49.7

標準品 Standard

特注品 Custom-made

1. 上記データは参考値です。

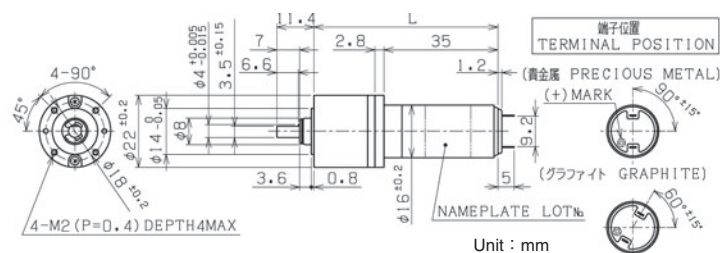
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コアレスモータ
Coreless Motor

コアレスモータ Coreless Motor	SCR16-35 × × page38
遊星ギヤヘッド Planetary Gearhead	IG-22C page59



IG-22CGM-SR3505A-06			DC6V			起動電流 Starting current 536mA	
減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	1007	865	2.94	0.03	0.417	(20.8)	53.3
15	291	247	8.83	0.09	1.25	(58.4)	53.3
20	224	195	9.81	0.10	1.39	(75.8)	53.3
23	190	169	9.81	0.10	1.39	(88.8)	53.3
61	73.7	64.0	24.5	0.25	3.47	(186)	56.5
107	42.2	35.8	49.0	0.5	6.95	(323)	56.5
242	18.7	15.9	88.3	0.9	12.5	(590)	59.7
326	13.9	11.8	118	1.2	16.7	(781)	59.7
410	11.1	9.44	147	1.5	20.8	(983)	59.7
483	9.37	7.98	177	1.8	25.0	(1193)	59.7

減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	1351	1189	4.90	0.05	0.695	(40.9)	53.3
15	390	340	14.7	0.15	2.08	(115)	53.3
20	300	261	19.6	0.20	2.78	(151)	53.3
23	255	226	19.6	0.20	2.78	(172)	53.3
61	98.8	86.9	44.1	0.45	6.25	(366)	56.5
107	56.6	49.2	83.4	0.85	11.8	(638)	56.5
242	25.0	21.9	147	1.5	20.8	(1185)	59.7
326	18.6	16.9	147	1.5	20.8	(1608)	59.7
410	14.8	13.4	196	2.0	27.8	(2072)	59.7
483	12.6	11.5	196	2.0	27.8	(2245)	59.7

IG-22CGM-SR3502A-12			DC12V		起動電流		Starting current 909mA	
減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ(L) Length mm	
			mNm	kg・cm	oz・in			
4	1796	1497	6.86	0.07	0.972	(41.2)	53.3	
15	519	431	19.6	0.20	2.78	(116)	53.3	
20	399	334	24.5	0.25	3.47	(150)	53.3	
23	338	283	29.4	0.30	4.17	(181)	53.3	
61	131	109	63.7	0.65	9.03	(379)	56.5	
107	75.2	63.7	98.1	1.0	13.9	(641)	56.5	
242	33.3	29.1	147	1.5	20.8	(1166)	59.7	
326	24.8	22.5	147	1.5	20.8	(1585)	59.7	
410	19.7	17.8	196	2.0	27.8	(2032)	59.7	
483	16.7	15.3	196	2.0	27.8	(2338)	59.7	

IG-22CGM-SR3506A-12			DC12V		起動電流 Starting current 1200mA		
減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	2360	2066	4.90	0.05	0.695	(39.3)	53.3
15	682	621	9.81	0.10	1.389	(110)	53.3
20	524	471	14.7	0.15	2.08	(145)	53.3
23	445	393	19.6	0.20	2.78	(168)	53.3
61	173	151	44.1	0.45	6.25	(347)	56.5
107	98.8	86.2	78.5	0.8	11.1	(616)	56.5
242	43.7	38.0	147	1.5	20.8	(1127)	59.7
326	32.5	29.4	147	1.5	20.8	(1541)	59.7
410	25.9	23.2	196	2.0	27.8	(1880)	59.7
483	22.0	20.0	196	2.0	27.8	(2156)	59.7

IG-22CGM-SR3504A-24 DC24V			起動電流 Starting current 588mA				
減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	2533	2320	3.43	0.035	0.486	(40.8)	53.3
15	732	669	9.81	0.10	1.39	(114)	53.3
20	563	526	9.81	0.10	1.39	(149)	53.3
23	477	438	14.7	0.15	2.08	(180)	53.3
61	185	170	29.4	0.30	4.17	(363)	56.5
107	106	97.1	53.9	0.55	7.64	(642)	56.5
242	47.0	43.0	98.1	1.0	13.9	(1153)	59.7
326	34.9	31.9	137	1.4	19.4	(1594)	59.7
410	27.8	25.4	167	1.7	23.6	(1934)	59.7
483	23.6	21.6	196	2.0	27.8	(2313)	59.7

減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ(L) Length mm
			mNm	kg·cm	oz·in		
4	2618	2468	3.43	0.035	0.486	(59.9)	53.3
15	756	712	9.81	0.10	1.39	(169)	53.3
20	582	556	9.81	0.10	1.39	(220)	53.3
23	493	465	14.7	0.15	2.08	(259)	53.3
61	192	181	29.4	0.30	4.17	(513)	56.5
107	110	103	53.9	0.55	7.64	(847)	56.5
242	48.5	45.8	98.1	1.0	13.9	(1762)	59.7
326	36.1	33.9	137	1.4	19.4	(2248)	59.7
410	28.7	27.1	167	1.7	23.6	(2996)	59.7
483	24.4	23.0	196	2.0	27.8	(3416)	59.7

: 標準品 Standard

1. 上記データは参考値です。

: 特注品 Custom-made

2. 上記スペックは一例で、要望スペックにて承ります。

The above data is for reference only.

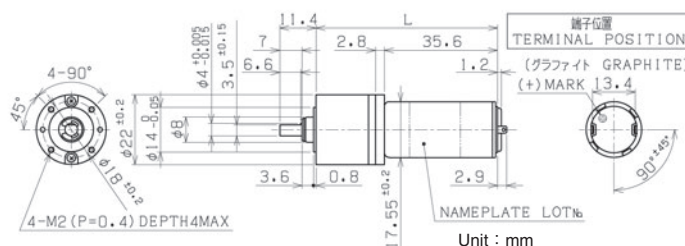
The above data is for reference only.
The above specifications are an example and your specifications are welcomed.

φ 22ギヤードモータ Gear Motor

コアレスモータ Coreless Motor

コアレスモータ Coreless Motor SCR18-37 × × page40

遊星ギヤヘッド Planetary Gearhead IG-22C page59



IG-22CGM-SRV3702B-06 DC6V 起動電流 Starting current 2550mA

減速比 Reduction Ratio (1/i)	無負荷回転数 No-Load Speed min ⁻¹	定格回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	1799	1386	9.81	0.10	1.39	(42.7)	53.9
15	520	393	29.4	0.30	4.17	(120)	53.9
20	400	300	39.2	0.40	5.56	(157)	53.9
23	339	258	44.1	0.45	6.25	(185)	53.9
61	132	100	93.2	0.95	13.2	(384)	57.1
107	75.3	64.3	98.1	1.0	13.9	(672)	57.1
242	33.3	29.3	147	1.5	20.8	(1224)	60.3
326	24.8	22.6	147	1.5	20.8	(1657)	60.3
410	19.7	17.9	196	2.0	27.8	(2145)	60.3
483	16.7	15.4	196	2.0	27.8	(2518)	60.3

IG-22CGM-SRV3703B-12 DC12V 起動電流 Starting current 2440mA

減速比 Reduction Ratio (1/i)	無負荷回転数 No-Load Speed min ⁻¹	定格回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	2237	2002	9.81	0.10	1.39	(93.4)	53.9
15	646	574	29.4	0.30	4.17	(264)	53.9
20	497	440	39.2	0.40	5.56	(342)	53.9
23	422	375	44.1	0.45	6.25	(396)	53.9
61	164	145	93.2	0.95	13.2	(804)	57.1
107	93.7	87.4	98.1	1.0	13.9	(1459)	57.1
242	41.5	39.2	147	1.5	20.8	(2652)	60.3
326	30.8	29.6	147	1.5	20.8	(3773)	60.3
410	24.6	23.5	196	2.0	27.8	(4383)	60.3
483	20.8	20.0	196	2.0	27.8	(5096)	60.3

IG-22CGM-SRV3705B-12 DC12V 起動電流 Starting current 1540mA

減速比 Reduction Ratio (1/i)	無負荷回転数 No-Load Speed min ⁻¹	定格回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	1872	1592	9.81	0.10	1.39	(65.6)	53.9
15	541	455	29.4	0.30	4.17	(185)	53.9
20	416	348	39.2	0.40	5.56	(240)	53.9
23	353	298	44.1	0.45	6.25	(283)	53.9
61	137	115	93.2	0.95	13.2	(580)	57.1
107	78.4	70.9	98.1	1.0	13.9	(1025)	57.1
242	34.7	32.0	147	1.5	20.8	(1889)	60.3
326	25.8	24.3	147	1.5	20.8	(2528)	60.3
410	20.5	19.3	196	2.0	27.8	(3348)	60.3
483	17.4	16.5	196	2.0	27.8	(3789)	60.3

IG-22CGM-SRV3712B-12 DC12V 起動電流 Starting current 430mA

減速比 Reduction Ratio (1/i)	無負荷回転数 No-Load Speed min ⁻¹	定格回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	660	529	9.81	0.1	1.39	(49.4)	53.9
15	191	137	39.2	0.4	5.56	(139)	53.9
20	147	107	49.0	0.5	6.95	(180)	53.9
23	124	95.9	49.0	0.5	6.95	(216)	53.9
61	48.3	37.6	98.1	1.0	13.9	(443)	57.1
107	27.6	24.1	98.1	1.0	13.9	(774)	57.1
242	12.2	11.0	147	1.5	20.8	(1495)	60.3
326	9.10	8.40	147	1.5	20.8	(1911)	60.3
410	7.25	6.65	196	2.0	27.8	(2368)	60.3
483	6.14	5.72	196	2.0	27.8	(2865)	60.3

IG-22CGM-SRV3713B-12 DC12V 起動電流 Starting current 2450mA

減速比 Reduction Ratio (1/i)	無負荷回転数 No-Load Speed min ⁻¹	定格回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	2214	1852	14.7	0.15	2.08	(89.9)	53.9
15	639	516	49.0	0.5	6.95	(255)	53.9
20	492	419	49.0	0.5	6.95	(330)	53.9
23	417	365	49.0	0.5	6.95	(393)	53.9
61	162	142	98.1	1.0	13.9	(795)	57.1
107	92.7	86.2	98.1	1.0	13.9	(1399)	57.1
242	41.0	38.7	147	1.5	20.8	(2620)	60.3
326	30.5	29.2	147	1.5	20.8	(3449)	60.3
410	24.3	23.2	196	2.0	27.8	(4330)	60.3
483	20.6	19.8	196	2.0	27.8	(5047)	60.3

IG-22CGM-SRV3710B-24 DC24V 起動電流 Starting current 770mA

減速比 Reduction Ratio (1/i)	無負荷回転数 No-Load Speed min ⁻¹	定格回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	2392	1947	9.81	0.10	1.39	(52.7)	53.9
15	691	554	29.4	0.30	4.17	(148)	53.9
20	531	424	39.2	0.40	5.56	(195)	53.9
23	451	363	44.1	0.45	6.25	(226)	53.9
61	175	140	93.2	0.95	13.2	(466)	57.1
107	100	88.2	98.1	1.0	13.9	(831)	57.1
242	44.3	40.0	147	1.5	20.8	(1514)	60.3
326	33.0	30.6	147	1.5	20.8	(2021)	60.3
410	26.2	24.2	196	2.0	27.8	(2568)	60.3
483	22.3	20.8	196	2.0	27.8	(2914)	60.3

IG-22CGM-SRV3714B-24 DC24V 起動電流 Starting current 330mA

減速比 Reduction Ratio (1/i)	無負荷回転数 No-Load Speed min ⁻¹	定格回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	1023	823	9.81	0.1	1.39	(50.2)	53.9
15	295	214	39.2	0.4	5.56	(143)	53.9
20	227	167	49.0	0.5	6.95	(185)	53.9
23	193	149	49.0	0.5	6.95	(215)	53.9
61	74.8	58.5	98.1	1.0	13.9	(450)	57.1
107	42.8	37.5	98.1	1.0	13.9	(792)	57.1
242	19.0	17.0	147	1.5	20.8	(1397)	60.3
326	14.1	13.0	147	1.5	20.8	(1884)	60.3
410	11.2	10.3	196	2.0	27.8	(2439)	60.3
483	9.52	8.87	196	2.0	27.8	(2871)	60.3

IG-22CGM-SRV3715B-24 DC24V 起動電流 Starting current 1760mA

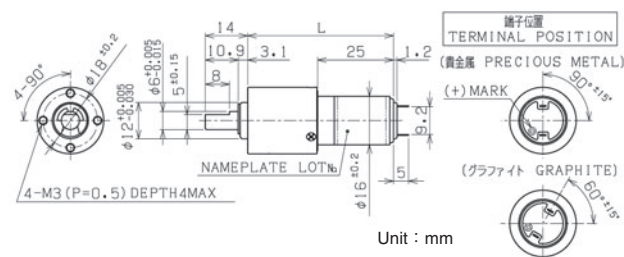
減速比 Reduction Ratio (1/i)	無負荷回転数 No-Load Speed min ⁻¹	定格回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	2228	1870	19.6	0.2	2.78	(122)	53.9
15	643	552	49.0	0.5	6.95	(346)	53.9
20	495	441	49.0	0.5	6.95	(449)	53.9
23	420	381	49.0	0.5	6.95	(528)	53.9
61	163	148	98.1	1.0	13.9	(1066)	57.1
107	93.3	88.5	98.1	1.0	13.9	(1907)	57.1
242	41.3	39.6	147	1.5	20.8	(3571)	60.3
326	30.7	29.7	147	1.5	20.8	(4513)	60.3
410	24.4	23.6	196	2.0	27.8	(5978)	60.3
483	20.7	20.1	196	2.0	27.8	(6762)	60.3

：標準品 Standard
：特注品 Custom-made

1. 上記データは参考値です。
2. 上記スペックは一例で、要望スペックにて承ります。

The above data is for reference only.
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コアレスモータ
Coreless Motor



Unit : mm

コアレスモータ SCR16-25 × ×
Coreless Motor page37

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遊星ギヤヘッド IG-22V
Planetary Gearhead page60

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IG-22VM-SR2503A-06 DC6V 起動電流 Starting current 308mA

減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	1135	892	1.47	0.015	0.208	(6.87)	42.9
16	284	222	4.90	0.05	0.695	(22.4)	48.1
19	239	186	5.88	0.06	0.834	(26.5)	48.1
22	201	157	6.86	0.07	0.972	(31.3)	48.1
64	70.9	56.4	14.7	0.15	2.08	(71.9)	53.3
76	59.7	46.0	19.6	0.20	2.78	(85.4)	53.3
90	50.3	40.6	19.6	0.20	2.78	(102)	53.3
107	42.4	33.7	24.5	0.25	3.47	(119)	53.3
256	17.7	13.6	53.9	0.55	7.64	(233)	58.5
304	14.9	11.5	63.7	0.65	9.03	(279)	58.5
361	12.6	9.77	73.5	0.75	10.4	(327)	58.5
428	10.6	8.20	88.3	0.9	12.5	(390)	58.5
509	8.92	7.03	98.1	1.0	13.9	(463)	58.5

IG-22VM-SR2501A-06 DC6V 起動電流 Starting current 750mA

減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	2275	1928	1.47	0.015	0.208	(9.64)	42.9
16	569	462	5.88	0.060	0.834	(31.3)	48.1
19	479	385	7.35	0.075	1.04	(37.5)	48.1
22	403	327	8.34	0.085	1.18	(44.2)	48.1
64	142	115	19.6	0.20	2.78	(103)	53.3
76	120	100	19.6	0.20	2.78	(118)	53.3
90	101	83.5	24.5	0.25	3.47	(141)	53.3
107	84.9	70.1	29.4	0.30	4.17	(169)	53.3
256	35.5	28.6	63.7	0.65	9.03	(328)	58.5
304	29.9	24.3	73.5	0.75	10.4	(392)	58.5
361	25.2	20.4	88.3	0.9	12.5	(464)	58.5
428	21.2	17.1	108.0	1.1	15.3	(558)	58.5
509	17.9	14.4	127.0	1.3	18.1	(650)	58.5

IG-22VM-SR2502A-12 DC12V 起動電流 Starting current 407mA

減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	2300	1818	2.45	0.025	0.347	(11.7)	42.9
16	575	457	7.85	0.08	1.11	(38.3)	48.1
19	484	379	9.81	0.10	1.39	(45.2)	48.1
22	408	333	9.81	0.10	1.39	(53.4)	48.1
64	144	115	24.5	0.25	3.47	(122)	53.3
76	121	96.6	29.4	0.30	4.17	(146)	53.3
90	102	81.7	34.3	0.35	4.86	(172)	53.3
107	85.8	67.4	44.1	0.45	6.25	(206)	53.3
256	35.9	28.4	83.4	0.85	11.8	(399)	58.5
304	30.3	24.0	98.1	1.0	13.9	(472)	58.5
361	25.5	20.1	118	1.2	16.7	(557)	58.5
428	21.5	17.0	137	1.4	19.4	(655)	58.5
509	18.1	14.3	167	1.7	23.6	(795)	58.5

IG-22VM-SR2507A-24 DC24V 起動電流 Starting current 351mA

減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	2910	2424	2.94	0.03	0.417	(17.6)	42.9
16	728	603	9.81	0.10	1.39	(57.1)	48.1
19	613	524	9.81	0.10	1.39	(67.6)	48.1
22	516	453	9.81	0.10	1.39	(80.3)	48.1
64	182	153	29.4	0.30	4.17	(185)	53.3
76	153	126	39.2	0.40	5.56	(222)	53.3
90	129	107	44.1	0.45	6.25	(259)	53.3
107	109	89.6	53.9	0.55	7.64	(303)	53.3
256	45.5	37.3	108	1.1	15.3	(599)	58.5
304	38.3	31.4	127	1.3	18.1	(705)	58.5
361	32.2	26.6	147	1.5	20.8	(845)	58.5
428	27.2	22.4	177	1.8	25.0	(1003)	58.5
509	22.9	18.9	206	2.1	29.2	(1179)	58.5

: 標準品 Standard

1. 上記データは参考値です。

：特注品 Custom-made

IG-22VM-SR2506A-06 DC6V 起動電流 Starting current 600mA

減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	1550	1376	1.47	0.015	0.208	(13.1)	42.9
16	388	334	5.88	0.060	0.834	(42.2)	48.1
19	326	279	7.35	0.075	1.042	(51.0)	48.1
22	275	237	8.34	0.085	1.181	(60.4)	48.1
64	96.9	83.1	19.6	0.20	2.78	(138)	53.3
76	81.6	71.8	19.6	0.20	2.78	(163)	53.3
90	68.7	60.0	24.5	0.25	3.47	(193)	53.3
107	57.9	50.5	29.4	0.30	4.17	(230)	53.3
256	24.2	20.8	63.7	0.65	9.03	(453)	58.5
304	20.4	17.6	73.5	0.75	10.4	(536)	58.5
361	17.2	14.8	88.3	0.9	12.5	(633)	58.5
428	14.5	12.4	108.0	1.1	15.3	(746)	58.5
509	12.2	10.4	127.0	1.3	18.1	(861)	58.5

IG-22VM-SR2504A-12 DC12V 起動電流 Starting current 220mA

減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	1555	1231	1.47	0.015	0.208	(7.06)	42.9
16	389	306	4.90	0.05	0.695	(23.0)	48.1
19	327	257	5.88	0.06	0.834	(27.5)	48.1
22	276	217	6.86	0.07	0.972	(32.1)	48.1
64	97.2	77.8	14.7	0.15	2.08	(73.7)	53.3
76	81.8	63.5	19.6	0.20	2.78	(87.6)	53.3
90	68.9	55.9	19.6	0.20	2.78	(104)	53.3
107	58.0	46.5	24.5	0.25	3.47	(124)	53.3
256	24.3	18.8	53.9	0.55	7.64	(238)	58.5
304	20.5	15.9	63.7	0.65	9.03	(284)	58.5
361	17.2	13.5	73.5	0.75	10.4	(342)	58.5
428	14.5	11.3	88.3	0.9	12.5	(400)	58.5
509	12.2	9.71	98.1	1.0	13.9	(481)	58.5

IG-22VM-SR2512A-12 DC12V 起動電流 Starting current 1429mA

減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	3750	3171	4.41	0.045	0.625	(28.6)	42.9
16	938	790	14.7	0.15	2.08	(93.2)	48.1
19	789	685	14.7	0.15	2.08	(112)	48.1
22	665	566	19.6	0.20	2.78	(132)	48.1
64	234	196	49.0	0.50	6.95	(302)	53.3
76	197	165	58.8	0.60	8.34	(362)	53.3
90	166	139	68.6	0.70	9.72	(422)	53.3
107	140	117	83.4	0.85	11.8	(508)	53.3
256	58.6	49.1	157	1.6	22.2	(968)	58.5
304	49.3	41.4	186	1.9	26.4	(1161)	58.5
361	41.6	34.7	226	2.3	32.0	(1363)	58.5
428	35.0	29.3	265	2.7	37.5	(1627)	58.5
509	29.5	24.7	314	3.2	44.5	(1930)	58.5

The above data is for reference only.

The above specifications are an example and your specifications are welcomed.

コアレスモータ
Coreless Motor

コアレスモータ
Coreless Motor

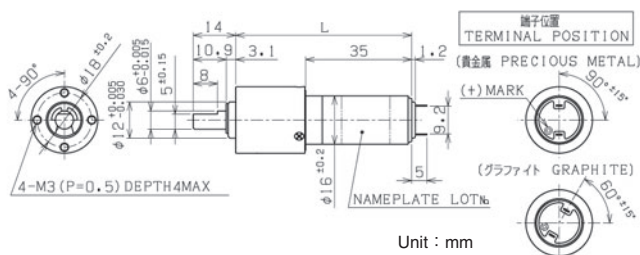
SCR16-35 × ×

page38

遊星ギヤヘッド
Planetary Gearhead

IG-22V

page60



Unit : mm

IG-22VM-SR3505A-06 DC6V 起動電流 Starting current 536mA

減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	1133	983	2.45	0.025	0.347	(18.5)	52.9
16	283	240	9.32	0.095	1.32	(61.3)	58.1
19	239	206	9.81	0.10	1.39	(71.0)	58.1
22	201	178	9.81	0.10	1.39	(85.7)	58.1
64	70.8	60.1	29.4	0.30	4.17	(195)	63.3
76	59.6	50.8	34.3	0.35	4.86	(232)	63.3
90	50.2	43.0	39.2	0.40	5.56	(273)	63.3
107	42.3	35.9	49.0	0.50	6.95	(324)	63.3
256	17.7	15.1	93.2	0.95	13.2	(634)	68.5
304	14.9	12.8	108	1.1	15.3	(766)	68.5
361	12.6	10.8	127	1.3	18.1	(889)	68.5
428	10.6	9.00	157	1.6	22.2	(1040)	68.5
509	8.91	7.58	186	1.9	26.4	(1246)	68.5

IG-22VM-SR3502A-12 DC12V 起動電流 Starting current 909mA

減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	2020	1696	5.88	0.06	0.834	(36.7)	52.9
16	505	422	19.6	0.20	2.78	(119)	58.1
19	425	352	24.5	0.25	3.47	(143)	58.1
22	358	306	24.5	0.25	3.47	(169)	58.1
64	126	105	63.7	0.65	9.03	(382)	63.3
76	106	88	78.5	0.80	11.1	(462)	63.3
90	89.5	74.1	93.2	0.95	13.2	(542)	63.3
107	75.4	62.7	108	1.1	15.3	(641)	63.3
256	31.6	26.1	216	2.2	30.6	(1241)	68.5
304	26.6	22.0	255	2.6	36.1	(1475)	68.5
361	22.4	18.5	304	3.1	43.1	(1746)	68.5
428	18.8	15.7	353	3.6	50.0	(2141)	68.5
509	15.9	13.2	422	4.3	59.7	(2485)	68.5

IG-22VM-SR3504A-24 DC24V 起動電流 Starting current 588mA

減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	2850	2619	2.94	0.03	0.417	(36.3)	52.9
16	713	653	9.81	0.10	1.39	(117)	58.1
19	600	558	9.81	0.10	1.39	(140)	58.1
22	505	476	9.81	0.10	1.39	(171)	58.1
64	178	164	29.4	0.30	4.17	(374)	63.3
76	150	137	39.2	0.40	5.56	(452)	63.3
90	126	116	44.1	0.45	6.25	(556)	63.3
107	106	97.3	53.9	0.55	7.64	(657)	63.3
256	44.5	40.6	108	1.1	15.3	(1232)	68.5
304	37.5	34.2	127	1.3	18.1	(1443)	68.5
361	31.6	28.9	147	1.5	20.8	(1720)	68.5
428	26.6	24.3	177	1.8	25.0	(2047)	68.5
509	22.4	20.5	206	2.1	29.2	(2429)	68.5

IG-22VM-SR3501A-06 DC6V 起動電流 Starting current 1395mA

減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	1520	1335	4.41	0.045	0.625	(36.2)	52.9
16	380	333	14.7	0.15	2.08	(119)	58.1
19	320	286	14.7	0.15	2.08	(138)	58.1
22	270	238	19.6	0.20	2.78	(165)	58.1
64	95.0	82.7	49.0	0.50	6.95	(378)	63.3
76	80.0	69.5	58.8	0.60	8.34	(448)	63.3
90	67.4	58.7	68.6	0.70	9.72	(531)	63.3
107	56.7	49.3	83.4	0.85	11.8	(639)	63.3
256	23.8	20.7	157	1.6	22.2	(1205)	68.5
304	20.0	17.5	186	1.9	26.4	(1488)	68.5
361	16.8	14.7	226	2.3	32.0	(1808)	68.5
428	14.2	12.4	265	2.7	37.5	(2091)	68.5
509	11.9	10.4	314	3.2	44.5	(2491)	68.5

IG-22VM-SR3506A-12 DC12V 起動電流 Starting current 1200mA

減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	2655	2320	4.41	0.045	0.625	(35.0)	52.9
16	664	578	14.7	0.15	2.08	(113)	58.1
19	559	498	14.7	0.15	2.08	(135)	58.1
22	471	413	19.6	0.20	2.78	(159)	58.1
64	166	146	44.1	0.45	6.25	(366)	63.3
76	140	122	53.9	0.55	7.64	(419)	63.3
90	118	103	63.7	0.65	9.03	(501)	63.3
107	99.1	86.4	78.5	0.8	11.1	(613)	63.3
256	41.5	36.3	147	1.5	20.8	(1173)	68.5
304	34.9	30.6	177	1.8	25.0	(1437)	68.5
361	29.4	25.6	216	2.2	30.6	(1671)	68.5
428	24.8	21.6	255	2.6	36.1	(1976)	68.5
509	20.9	18.2	304	3.1	43.1	(2353)	68.5

IG-22VM-SR3509A-24 DC24V 起動電流 Starting current 800mA

減速比 Reduction Ratio (1/i)	無負荷 回転数 No-Load Speed min ⁻¹	定格 回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動 トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg・cm	oz・in		
4	2945	2783	2.94	0.03	0.417	(53.4)	52.9
16	736	695	9.81	0.10	1.39	(176)	58.1
19	620	591	9.81	0.10	1.39	(210)	58.1
22	522	501	9.81	0.10	1.39	(244)	58.1
64	184	174	29.4	0.30	4.17	(541)	63.3
76	155	146	39.2	0.40	5.56	(675)	63.3
90	131	123	44.1	0.45	6.25	(722)	63.3
107	110	104	53.9	0.55	7.64	(988)	63.3
256	46.0	43.3	108	1.1	15.3	(1840)	68.5
304	38.8	36.5	127	1.3	18.1	(2142)	68.5
361	32.6	30.8	147	1.5	20.8	(2662)	68.5
428	27.5	25.9	177	1.8	25.0	(3042)	68.5
509	23.1	21.8	206	2.1	29.2	(3660)	68.5

: 標準品 Standard

: 特注品 Custom-made

1. 上記データは参考値です。

2. 上記スペックは一例で、要望スペックにて承ります。

The above data is for reference only.

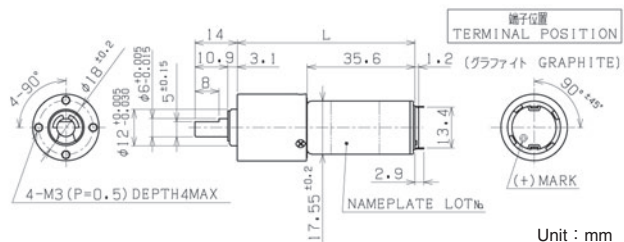
The above specifications are an example and your specifications are welcomed.

φ 22ギヤードモータ Gear Motor

コアレスモータ Coreless Motor

コアレスモータ Coreless Motor SCR18-37 × × page40

遊星ギヤヘッド Planetary Gearhead IG-22V page60



Unit : mm

IG-22VM-SRV3702B-06 DC6V 起動電流 Starting current 2550mA

減速比 Reduction Ratio (1/i)	無負荷回転数 No-Load Speed min ⁻¹	定格回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動トルク Starting Torque mNm	長さ(L) Length mm
			mNm	kg·cm	oz·in		
4	2024	1527	9.32	0.095	1.32	(38.0)	53.5
16	506	386	29.4	0.30	4.17	(124)	58.7
19	426	327	34.3	0.35	4.86	(148)	58.7
22	359	278	39.2	0.4	5.56	(174)	58.7
64	126	95.3	98.1	1.0	13.9	(403)	63.9
76	107	80.0	118	1.2	16.7	(468)	63.9
90	89.7	67.7	137	1.4	19.4	(559)	63.9
107	75.5	56.6	167	1.7	23.6	(667)	63.9
256	31.6	23.7	324	3.3	45.8	(1296)	69.1
304	26.6	20.0	382	3.9	54.2	(1540)	69.1
361	22.4	16.9	451	4.6	63.9	(1837)	69.1
428	18.9	14.2	539	5.5	76.4	(2167)	69.1
509	15.9	12.0	637	6.5	90.3	(2597)	69.1

IG-22VM-SRV3703B-12 DC12V 起動電流 Starting current 2440mA

減速比 Reduction Ratio (1/i)	無負荷回転数 No-Load Speed min ⁻¹	定格回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動トルク Starting Torque mNm	長さ(L) Length mm
			mNm	kg·cm	oz·in		
4	2517	2234	9.32	0.095	1.32	(82.9)	53.5
16	629	561	29.4	0.30	4.17	(272)	58.7
19	530	473	34.3	0.35	4.86	(319)	58.7
22	446	400	39.2	0.4	5.56	(380)	58.7
64	157	140	98.1	1.0	13.9	(906)	63.9
76	132	117	118	1.2	16.7	(1038)	63.9
90	112	99.0	137	1.4	19.4	(1180)	63.9
107	93.9	83.1	167	1.7	23.6	(1452)	63.9
256	39.3	34.8	324	3.3	45.8	(2830)	69.1
304	33.1	29.3	382	3.9	54.2	(3327)	69.1
361	27.9	24.7	451	4.6	63.9	(3932)	69.1
428	23.5	20.8	539	5.5	76.4	(4691)	69.1
509	19.8	17.5	637	6.5	90.3	(5484)	69.1

IG-22VM-SRV3705B-12 DC12V 起動電流 Starting current 1540mA

減速比 Reduction Ratio (1/i)	無負荷回転数 No-Load Speed min ⁻¹	定格回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動トルク Starting Torque mNm	長さ(L) Length mm
			mNm	kg·cm	oz·in		
4	2106	1769	9.32	0.095	1.32	(58.2)	53.5
16	527	445	29.4	0.30	4.17	(189)	58.7
19	443	376	34.3	0.35	4.86	(227)	58.7
22	373	319	39.2	0.4	5.56	(271)	58.7
64	132	110	98.1	1.0	13.9	(589)	63.9
76	111	92.8	118	1.2	16.7	(720)	63.9
90	93.3	78.4	137	1.4	19.4	(858)	63.9
107	78.6	65.8	167	1.7	23.6	(1025)	63.9
256	32.9	27.5	324	3.3	45.8	(1974)	69.1
304	27.7	23.2	382	3.9	54.2	(2351)	69.1
361	23.3	19.6	451	4.6	63.9	(2840)	69.1
428	19.7	16.4	539	5.5	76.4	(3218)	69.1
509	16.5	13.9	637	6.5	90.3	(4043)	69.1

IG-22VM-SRV3712B-12 DC12V 起動電流 Starting current 430mA

減速比 Reduction Ratio (1/i)	無負荷回転数 No-Load Speed min ⁻¹	定格回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動トルク Starting Torque mNm	長さ(L) Length mm
			mNm	kg·cm	oz·in		
4	743	577	9.81	0.10	1.39	(43.9)	53.5
16	186	135	39.2	0.40	5.56	(143)	58.7
19	156	111	49.0	0.50	6.95	(170)	58.7
22	132	96.5	53.9	0.55	7.64	(200)	58.7
64	46.4	33.5	127	1.3	18.1	(457)	63.9
76	39.1	27.9	157	1.6	22.2	(548)	63.9
90	32.9	23.5	186	1.9	26.4	(651)	63.9
107	27.7	20.0	216	2.2	30.6	(777)	63.9
256	11.6	8.25	431	4.4	61.1	(1492)	69.1
304	9.77	6.96	510	5.2	72.2	(1773)	69.1
361	8.23	5.85	608	6.2	86.1	(2102)	69.1
428	6.93	4.94	716	7.3	101	(2493)	69.1
509	5.84	4.29	785	8.0	111	(2958)	69.1

IG-22VM-SRV3713B-12 DC12V 起動電流 Starting current 2450mA

減速比 Reduction Ratio (1/i)	無負荷回転数 No-Load Speed min ⁻¹	定格回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動トルク Starting Torque mNm	長さ(L) Length mm
			mNm	kg·cm	oz·in		
4	2491	2032	14.7	0.15	2.08	(79.8)	53.5
16	623	505	49.0	0.5	6.95	(259)	58.7
19	524	425	58.8	0.6	8.34	(311)	58.7
22	442	359	68.6	0.7	9.72	(365)	58.7
64	156	126	157	1.6	22.2	(816)	63.9
76	131	105	196	2.0	27.8	(988)	63.9
90	110	89.3	226	2.3	32.0	(1201)	63.9
107	93.0	74.7	275	2.8	38.9	(1398)	63.9
256	38.9	31.2	539	5.5	76.4	(2723)	69.1
304	32.8	26.3	637	6.5	90.3	(3214)	69.1
361	27.6	22.2	755	7.7	107	(3859)	69.1
428	23.2	19.2	785	8.0	111	(4553)	69.1
509	19.6	16.7	785	8.0	111	(5306)	69.1

IG-22VM-SRV3710B-24 DC24V 起動電流 Starting current 770mA

減速比 Reduction Ratio (1/i)	無負荷回転数 No-Load Speed min ⁻¹	定格回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動トルク Starting Torque mNm	長さ(L) Length mm
			mNm	kg·cm	oz·in		
4	2691	2155	9.32	0.095	1.32	(46.8)	53.5
16	673	543	29.4	0.30	4.17	(152)	58.7
19	566	459	34.3	0.35	4.86	(181)	58.7
22	477	390	39.2	0.4	5.56	(215)	58.7
64	168	135	98.1	1.0	13.9	(499)	63.9
76	142	113	118	1.2	16.7	(578)	63.9
90	119	95.6	137	1.4	19.4	(697)	63.9
107	100	80.0	167	1.7	23.6	(835)	63.9
256	42.0	33.5	324	3.3	45.8	(1601)	69.1
304	35.4	28.2	382	3.9	54.2	(1878)	69.1
361	29.8	23.8	451	4.6	63.9	(2240)	69.1
428	25.1	20.0	539	5.5	76.4	(2653)	69.1
509	21.1	16.9	637	6.5	90.3	(3200)	69.1

IG-22VM-SRV3714B-24 DC24V 起動電流 Starting current 330mA

減速比 Reduction Ratio (1/i)	無負荷回転数 No-Load Speed min ⁻¹	定格回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動トルク Starting Torque mNm	長さ(L) Length mm
			mNm	kg·cm	oz·in		
4	1151	898	9.81	0.10	1.39	(44.6)	53.5
16	288	210	39.2	0.40	5.56	(145)	58.7
19	242	174	49.0	0.50	6.95	(174)	58.7
22	204	150	53.9	0.55	7.64	(204)	58.7
64	71.9	52.3	127	1.3	18.1	(466)	63.9
76	60.6	43.5	157	1.6	22.2	(556)	63.9
90	51.0	36.6	186	1.9	26.4	(659)	63.9
107	43.0	31.1	216	2.2	30.6	(781)	63.9
256	18.0	12.9	431	4.4	61.1	(1521)	69.1
304	15.1	10.9	510	5.2	72.2	(1834)	69.1
361	12.8	9.13	608	6.2	86.1	(2121)	69.1
428	10.7	7.71	716	7.3	101	(2562)	69.1
509	9.04	6.69	785	8.0	111	(3020)	69.1

IG-22VM-SRV3715B-24 DC24V 起動電流 Starting current 1760mA

減速比 Reduction Ratio (1/i)	無負荷回転数 No-Load Speed min ⁻¹	定格回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動トルク Starting Torque mNm	長さ(L) Length mm
			mNm	kg·cm	oz·in		
4	2506	2166	14.7	0.15	2.08	(108)	53.5
16	627	522	58.8	0.60	8.34	(351)	58.7
19	528	435	73.5	0.75	10.4	(417)	58.7
22	444	370	83.4	0.85	11.8	(500)	58.7
64	157	130	196	2.0	27.8	(1140)	63.9
76	132	109	235	2.4	33.3	(1349)	63.9
90	111	92.0	275	2.8	38.9	(1607)	63.9
107	93.5	77.1	333	3.4	47.2	(1899)	63.9
256	39.2	32.3	647	6.6	91.7	(3676)	69.1
304	33.0	27.2	765	7.8	108	(4353)	69.1
361	27.8	23.6	785	8.0	111	(5196)	69.1
428	23.4	20.4	785	8.0	111	(6123)	69.1
509	19.7	17.6	785	8.0	111	(7364)	69.1

標準品 Standard
特注品 Custom-made

1. 上記データは参考値です。
2. 上記スペックは一例で、要望スペックにて承ります。

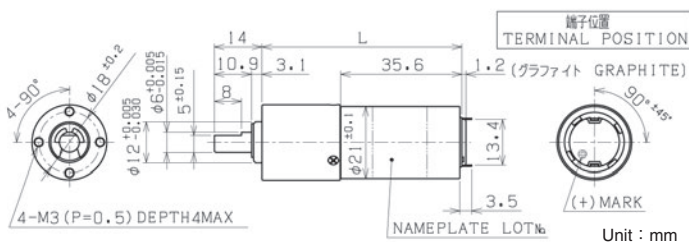
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φ 22ギヤードモータ Gear Motor

コアレスモータ Coreless Motor

コアレスモータ Coreless Motor SC21-37 × × page41

遊星ギヤヘッド Planetary Gearhead IG-22V page60



IG-22VM-SRY3702B-06 DC6V 起動電流 Starting current 2550mA

減速比 Reduction Ratio (1/i)	無負荷回転数 No-Load Speed min ⁻¹	定格回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	1700	1453	9.32	0.095	1.32	(64.1)	53.5
16	425	365	29.4	0.30	4.17	(208)	58.7
19	358	308	34.3	0.35	4.86	(246)	58.7
22	301	261	39.2	0.4	5.56	(295)	58.7
64	106	90.7	98.1	1.0	13.9	(680)	63.9
76	89.4	76.3	118	1.2	16.7	(805)	63.9
90	75.3	64.4	137	1.4	19.4	(946)	63.9
107	63.4	54.0	167	1.7	23.6	(1126)	63.9
256	26.6	22.6	324	3.3	45.8	(2155)	69.1
304	22.4	19.1	382	3.9	54.2	(2593)	69.1
361	18.8	16.1	451	4.6	63.9	(3140)	69.1
428	15.9	13.5	539	5.5	76.4	(3571)	69.1
509	13.4	11.4	637	6.5	90.3	(4268)	69.1

IG-22VM-SRY3703B-12 DC12V 起動電流 Starting current 2440mA

減速比 Reduction Ratio (1/i)	無負荷回転数 No-Load Speed min ⁻¹	定格回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	2088	1904	9.32	0.095	1.32	(106)	53.5
16	522	477	29.4	0.30	4.17	(341)	58.7
19	439	403	34.3	0.35	4.86	(418)	58.7
22	370	340	39.2	0.4	5.56	(483)	58.7
64	130	119	98.1	1.0	13.9	(1159)	63.9
76	110	100	118	1.2	16.7	(1298)	63.9
90	92.5	84.4	137	1.4	19.4	(1565)	63.9
107	77.9	70.9	167	1.7	23.6	(1858)	63.9
256	32.6	29.7	324	3.3	45.8	(3642)	69.1
304	27.5	25.0	382	3.9	54.2	(4202)	69.1
361	23.1	21.1	451	4.6	63.9	(5209)	69.1
428	19.5	17.7	539	5.5	76.4	(5839)	69.1
509	16.4	14.9	637	6.5	90.3	(6965)	69.1

IG-22VM-SRY3705B-12 DC12V 起動電流 Starting current 1540mA

減速比 Reduction Ratio (1/i)	無負荷回転数 No-Load Speed min ⁻¹	定格回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	1757	1547	9.32	0.095	1.32	(78.0)	53.5
16	439	388	29.4	0.30	4.17	(253)	58.7
19	370	328	34.3	0.35	4.86	(302)	58.7
22	312	277	39.2	0.4	5.56	(349)	58.7
64	110	96.6	98.1	1.0	13.9	(805)	63.9
76	92.5	81.2	118	1.2	16.7	(966)	63.9
90	77.9	68.6	137	1.4	19.4	(1148)	63.9
107	65.6	57.6	167	1.7	23.6	(1369)	63.9
256	27.5	24.1	324	3.3	45.8	(2621)	69.1
304	23.1	20.3	382	3.9	54.2	(3152)	69.1
361	19.5	17.1	451	4.6	63.9	(3664)	69.1
428	16.4	14.4	539	5.5	76.4	(4420)	69.1
509	13.8	12.1	637	6.5	90.3	(5171)	69.1

IG-22VM-SRY3712B-12 DC12V 起動電流 Starting current 430mA

減速比 Reduction Ratio (1/i)	無負荷回転数 No-Load Speed min ⁻¹	定格回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	629	519	9.81	0.10	1.39	(56.1)	53.5
16	157	123	39.2	0.40	5.56	(181)	58.7
19	132	102	49.0	0.50	6.95	(216)	58.7
22	111	88.1	53.9	0.55	7.64	(261)	58.7
64	39.3	30.8	127	1.3	18.1	(587)	63.9
76	33.1	25.6	157	1.6	22.2	(693)	63.9
90	27.9	21.6	186	1.9	26.4	(824)	63.9
107	23.5	18.3	216	2.2	30.6	(976)	63.9
256	9.82	7.60	431	4.4	61.1	(1906)	69.1
304	8.27	6.41	510	5.2	72.2	(2268)	69.1
361	6.97	5.39	608	6.2	86.1	(2682)	69.1
428	5.87	4.55	716	7.3	101	(3184)	69.1
509	4.94	3.92	785	8.0	111	(3802)	69.1

IG-22VM-SRY3713B-12 DC12V 起動電流 Starting current 2450mA

減速比 Reduction Ratio (1/i)	無負荷回転数 No-Load Speed min ⁻¹	定格回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	2090	1819	14.7	0.15	2.08	(113)	53.5
16	522	453	49.0	0.5	6.95	(371)	58.7
19	440	381	58.8	0.6	8.34	(439)	58.7
22	371	322	68.6	0.7	9.72	(519)	58.7
64	131	113	157	1.6	22.2	(1143)	63.9
76	110	94.7	196	2.0	27.8	(1409)	63.9
90	92.6	80.2	226	2.3	32.0	(1688)	63.9
107	78.0	67.2	275	2.8	38.9	(1986)	63.9
256	32.7	28.1	539	5.5	76.4	(3832)	69.1
304	27.5	23.7	637	6.5	90.3	(4610)	69.1
361	23.2	19.9	755	7.7	107	(5308)	69.1
428	19.5	17.1	785	8.0	111	(6378)	69.1
509	16.4	14.7	785	8.0	111	(7573)	69.1

IG-22VM-SRY3710B-24 DC24V 起動電流 Starting current 770mA

減速比 Reduction Ratio (1/i)	無負荷回転数 No-Load Speed min ⁻¹	定格回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	2258	1928	9.32	0.095	1.32	(63.8)	53.5
16	564	484	29.4	0.30	4.17	(207)	58.7
19	475	409	34.3	0.35	4.86	(247)	58.7
22	400	347	39.2	0.4	5.56	(296)	58.7
64	141	120	98.1	1.0	13.9	(659)	63.9
76	119	101	118	1.2	16.7	(780)	63.9
90	100	85.5	137	1.4	19.4	(945)	63.9
107	84.3	71.7	167	1.7	23.6	(1117)	63.9
256	35.3	30.0	324	3.3	45.8	(2158)	69.1
304	29.7	25.3	382	3.9	54.2	(2579)	69.1
361	25.0	21.3	451	4.6	63.9	(3047)	69.1
428	21.1	17.9	539	5.5	76.4	(3554)	69.1
509	17.7	15.1	637	6.5	90.3	(4337)	69.1

IG-22VM-SRY3714B-24 DC24V 起動電流 Starting current 330mA

減速比 Reduction Ratio (1/i)	無負荷回転数 No-Load Speed min ⁻¹	定格回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	968	802	9.81	0.10	1.39	(57.2)	53.5
16	242	191	39.2	0.40	5.56	(186)	58.7
19	204	159	49.0	0.50	6.95	(222)	58.7
22	172	136	53.9	0.55	7.64	(258)	58.7
64	60.5	47.6	127	1.3	18.1	(596)	63.9
76	50.9	39.7	157	1.6	22.2	(714)	63.9
90	42.9	33.4	186	1.9	26.4	(840)	63.9
107	36.1	28.3	216	2.2	30.6	(1000)	63.9
256	15.1	11.8	431	4.4	61.1	(1972)	69.1
304	12.7	9.92	510	5.2	72.2	(2330)	69.1
361	10.7	8.34	608	6.2	86.1	(2757)	69.1
428	9.03	7.04	716	7.3	101	(3249)	69.1
509	7.60	6.06	785	8.0	111	(3874)	69.1

IG-22VM-SRY3715B-24 DC24V 起動電流 Starting current 1760mA

減速比 Reduction Ratio (1/i)	無負荷回転数 No-Load Speed min ⁻¹	定格回転数 Rated Speed min ⁻¹	定格トルク Rated Torque			起動トルク Starting Torque mNm	長さ (L) Length mm
			mNm	kg·cm	oz·in		
4	2101	1911	14.7	0.20	2.78	(163)	53.5
16	525	467	58.8	0.60	8.34	(532)	58.7
19	442	391	73.5	0.75	10.4	(637)	58.7
22	372	331	83.4	0.85	11.8	(757)	58.7
64	131	116	196	2.0	27.8	(1712)	63.9
76	111	97.7	235	2.4	33.3	(1961)	63.9
90	93.1	82.5	275	2.8	38.9	(2415)	63.9
107	78.4	69.3	333	3.4	47.2	(2869)	63.9
256	32.8	29.0	647	6.6	91.7	(5585)	69.1
304	27.6	24.4	765	7.8	108	(6598)	69.1
361	23.3	20.9	785	8.0	111	(7621)	69.1
428	19.6	17.9	785	8.0	111	(9051)	69.1
509	16.5	15.3	785	8.0	111	(10794)	69.1

標準品 Standard
特注品 Custom-made

1. 上記データは参考値です。
2. 上記スペックは一例で、要望スペックにて承ります。

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