

SHENZHEN FLIER TECH CO.,LTD.**BLDC Worm Gear Motor**

As different customers may need different motor parameter for fitting your equipment. If below motor can't fit your need, please kindly send inquiry to us ,we will do customized for you.

FORM SUBMIT

PRODUCT DETAIL

Frang Size: 42mm~180mm

Motor Type: Brushless Dc Worm Gear Motor

Power: 30W~10.5KW

Voltage: 12V, 24V, 36V, 48V, 72V, 96V, 310V

No-load Speed: 2800rpm

Rated Speed: 2000rpm

Rated Torque: 0.063NM~55Nm

Gear Type: Worm Gearbox

Gear Ratio:

RV025 : 5 ,7.5 ,10 ,15 ,20 ,30 ,40 ,50 ,60

RV030: 7.5 , 10 , 15 , 20 , 25 , 30 , 40 , 50 , 60 , 80

RV040: 7.5 , 10 , 15 , 20 , 25 , 30 , 40 , 50 , 60 , 80 , 100
RV050: 7.5 , 10 , 15 , 20 , 25 , 30 , 40 , 50 , 60 , 80 , 100
RV063: 7.5 , 10 , 15 , 20 , 25 , 30 , 40 , 50 , 60 , 80 , 100
RV075: 5 , 7.5 , 10 , 15 , 20 , 30 , 40 , 50 , 60
RV090: 7.5 , 10 , 15 , 20 , 25 , 30 , 40 , 50 , 60 , 80 , 100
RV105: 7.5 , 10 , 15 , 20 , 25 , 30 , 40 , 50 , 60 , 80 , 100
RV110: 7.5 , 10 , 15 , 20 , 25 , 30 , 40 , 50 , 60 , 80 , 100
RV130: 7.5 , 10 , 15 , 20 , 25 , 30 , 40 , 50 , 60 , 80 , 100
RV150: 7.5 , 10 , 15 , 20 , 25 , 30 , 40 , 50 , 60 , 80 , 100

Motor Length: 190~240mm (the length will be depend on rated torque)

Remarque: All motor can be customized as per customer's requirements.

● 减速器选型表
Gear unit selection tables

NRV性能参数/performance parameter							
M2n	n1	i	P1n	n2	Fr2	Fr1	减速器型号
Nm	r/min		KW	r/min	N	N	
750	500	20	2.5	25	7610	1700	NRV105
790	500	25	2.1	20	8198	1700	
870	500	30	2.1	16.7	8711	1700	
810	500	40	1.5	12.5	9588	1700	
800	500	50	1.3	10	10320	1700	
710	500	60	0.96	8.3	10320	1700	
630	500	80	0.72	6.3	10320	1700	
570	500	100	0.55	5	10320	1700	
794	500	7.5	6.4	66.7	5488	1700	
851	500	10	5.2	50	6040	1700	
909	500	15	3.9	33.3	6914	1700	NRV110
863	500	20	2.8	25	7610	1700	
909	500	25	2.4	20	8198	1700	
1000	500	30	2.4	16.7	8711	1700	
932	500	40	1.7	12.5	9588	1700	
880	500	50	1.4	10	10320	1700	
781	500	60	1.1	8.3	10320	1700	
662	500	80	0.75	6.3	10320	1700	
599	500	100	0.58	5	10320	1700	
1080	500	7.5	8.7	66.7	7178	2100	NRV130
1160	500	10	7.1	50	7900	2100	
1300	500	15	5.5	33.3	9043	2100	

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NRV性能参数/performance parameter							
M2n	n1	i	P1n	n2	Fr2	Fr1	减速器型号
Nm	r/min		KW	r/min	N	N	
1230	500	20	4	25	9953	2100	NRV130
1200	500	25	3.2	20	10722	2100	
1400	500	30	3.4	16.7	11394	2100	
1300	500	40	2.4	12.5	12540	2100	
1220	500	50	1.9	10	13500	2100	
1070	500	60	1.5	8.3	13500	2100	
970	500	80	1.1	6.3	13500	2100	
860	500	100	0.83	5	13500	2100	
1700	500	7.5	13.5	66.7	9812	2800	NRV150
1780	500	10	10.7	50	10800	2800	
1730	500	15	7.2	33.3	12363	2800	
1820	500	20	5.9	25	13607	2800	
1630	500	25	4.3	20	14658	2800	
1670	500	30	3.8	16.7	15576	2800	
2120	500	40	3.9	12.5	17144	2800	
1870	500	50	2.9	10	18000	2800	
1680	500	60	2.3	8.3	18000	2800	
1530	500	80	1.7	6.3	18000	2800	
1350	500	100	1.3	5	18000	2800	

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M2n	n1	i	P1n	n2	Fr2	Fr1	减速器型号
Nm	r/min		KW	r/min	N	N	
1060	900	15	7.8	60	7434	2100	

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NRV性能参数/performance parameter

M2n	n1	i	P1n	n2	Fr2	Fr1	减速器型号
Nm	r/min		KW	r/min	N	N	
24	500	15	0.12	33.3	1213	210	

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M2n	n1	i	P1n	n2	Fr2	Fr1	减速器型号
Nm	r/min		KW	r/min	N	N	
93	500	20	0.33	25	3528	490	NRV050
91	500	25	0.27	20	3800	490	
108	500	30	0.3	16.7	4038	490	
98	500	40	0.22	12.5	4445	490	
91	500	50	0.17	10	4788	490	
83	500	60	0.14	8.3	4840	490	
75	500	80	0.11	6.3	4840	490	
65	500	100	0.09	5	4840	490	
184	500	7.5	1.5	66.7	3325	700	NRV063
185	500	10	1.2	50	3660	700	
187	500	15	0.85	33.3	4190	700	
178	500	20	0.63	25	4611	700	
164	500	25	0.48	20	4967	700	
200	500	30	0.53	16.7	5279	700	
185	500	40	0.4	12.5	5810	700	
173	500	50	0.32	10	6259	700	
160	500	60	0.26	8.3	6270	700	
137	500	80	0.19	6.3	6270	700	
128	500	100	0.16	5	6270	700	
260	500	7.5	2.2	66.7	3925	980	NRV075
270	500	10	1.7	50	4320	980	
280	500	15	1.3	33.3	4945	980	

NRV性能参数/performance parameter							
M2n	n1	i	P1n	n2	Fr2	Fr1	减速器型号
Nm	r/min		KW	r/min	N	N	
285	500	20	0.99	25	5443	980	NRV075
255	500	25	0.74	20	5863	980	
300	500	30	0.77	16.7	6231	980	
280	500	40	0.58	12.5	6858	980	
250	500	50	0.44	10	7380	980	
240	500	60	0.38	8.3	7380	980	
215	500	80	0.28	6.3	7380	980	
210	500	100	0.24	5	7380	980	
410	500	7.5	3.3	66.7	4343	1270	NRV090
435	500	10	2.7	50	4780	1270	
490	500	15	2.1	33.3	5472	1270	
470	500	20	1.6	25	6022	1270	
440	500	25	1.2	20	6487	1270	
550	500	30	1.4	16.7	6894	1270	
480	500	40	0.94	12.5	7588	1270	
450	500	50	0.75	10	8174	1270	
400	500	60	0.58	8.3	8180	1270	
365	500	80	0.45	6.3	8180	1270	
330	500	100	0.35	5	8180	1270	
690	500	7.5	5.6	66.7	5488	1700	NRV105
740	500	10	4.6	50	6040	1700	
790	500	15	3.4	33.3	6914	1700	

PREV : BLDC L-Shape Gear Motor (19070/42856.html)

NEXT : BLDC Planetary Gear Motor (19070/42814.html)