驰海电机
CHIHAI MOTOR

ChiHai Motor CHW-GW4058-555ABHL high torque Gearbox Reversed DC worm gear motor with 17PPR Hall Sensor encoder for DIY

★★★★★ 4.9 7 Reviews 18 orders

US $21.31 ~~US $31.80~~ -33%

Speed(RPM): DC 12V 28rpm i280

DC 12V 215rpm i36	DC 12V 140rpm i54	DC 12V 105rpm i72
DC 12V 72rpm i108	DC 12V 28rpm i280	DC 12V 15rpm i590
DC 12V 450rpm i17	DC 24V 900rpm i17	DC 24V 430rpm i36
DC 24V 280rpm i54	DC 24V 210rpm i72	DC 24V 145rpm i108
DC 24V 56rpm i280	DC 24V 30rpm i590	

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Shenzhen Chihai M...
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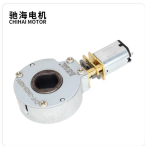
US $10.60

US $19.83

US $42.00


US $8.40

US $8.58

OVERVIEW | CUSTOMER REVIEWS (7) | SPECIFICATIONS

Product Description

Product Type:
CHW-GW4058-555 ABHL Worm gear reducer motor with encoder

Size:45mm*58mm*122mm (Without shaft and terminal block)

Shaft diameter:8mm D Double ball bearing positioning structure

Shaft length:15mm One-way output shaft
(can be customized for bidirectional output shaft)

Voltage range:DC 6V-24V

Weight:About 435g

DC pump
Motor DIY parts
Install Flang
Shaft Connector
Precision Gear
Intelligent Car Tire
Others

Wiring specification:
XH2.54-6PIN terminal connector

Encoder specifications:AB dual phase encoder 17 line basic signal voltage 3.3V or 5.0V

Application:
Intelligent self-balancing dual-wheel car, intelligent tracking car, intelligent appliances, robot, camera rocker arm, electric paper cutter, etc

Detailed Images

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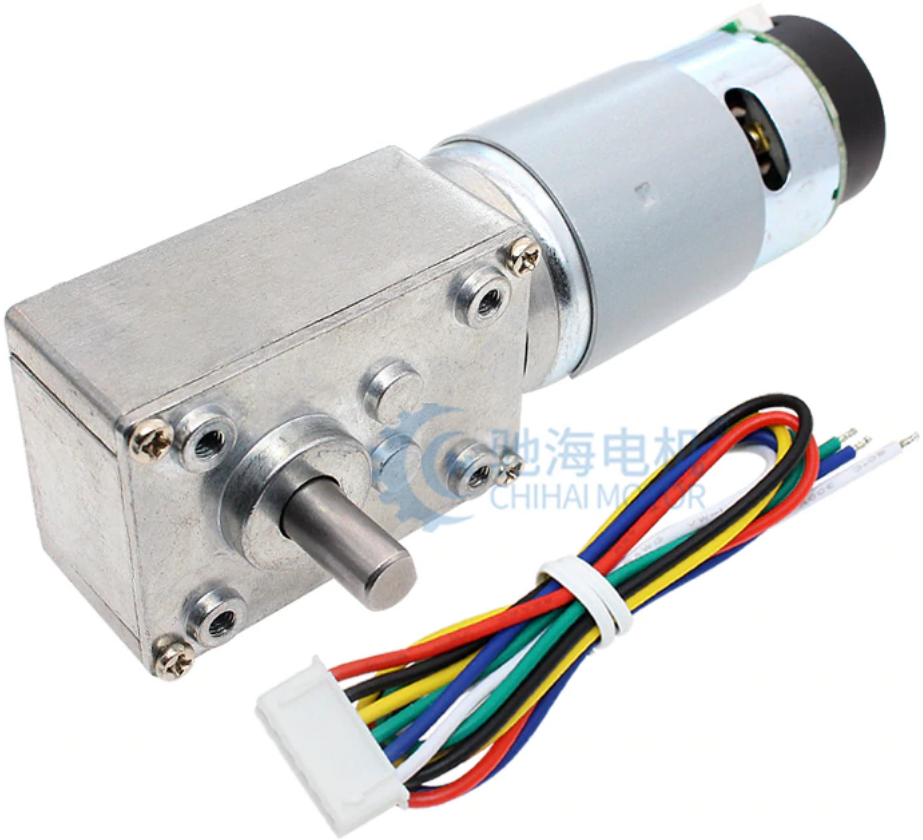
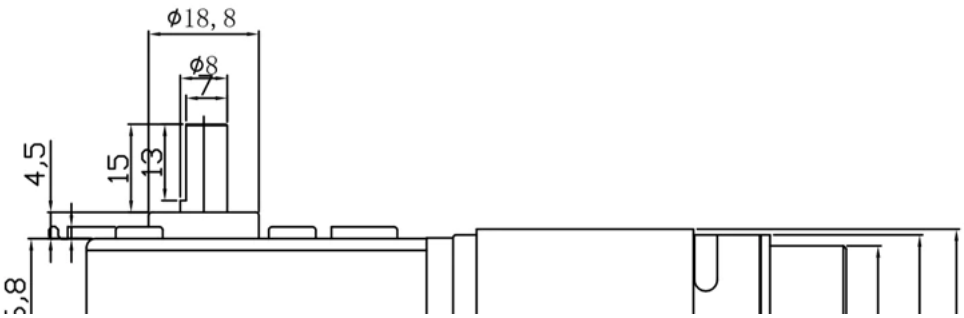
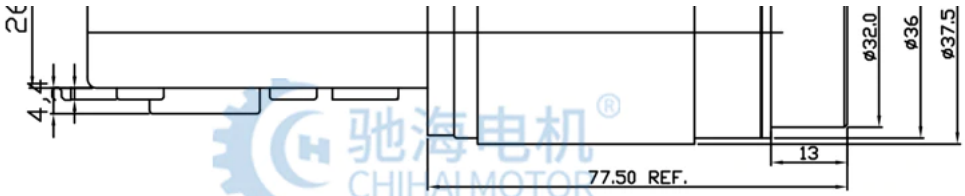
PRODUCT INFORMATION

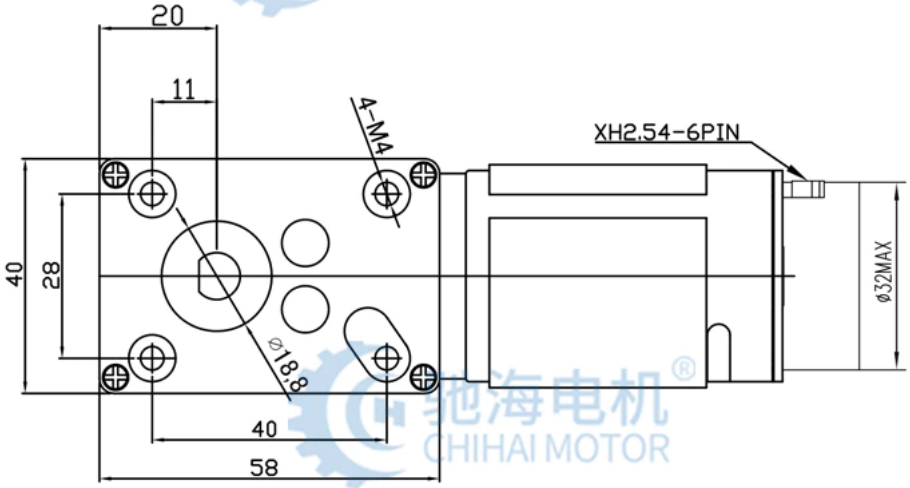


Brand	CHIHAI MOTOR
Model	CHF-GW4058-555ABHL DC encoder motor
Shaft Length	15mm One-way output shaft
Shaft Diameter	8mm D Double ball bearing positioning structure
Voltage	DC 6V-24V
Wiring specification	XH2.54-6PIN terminal connector
Encoder specifications	AB dual phase encoder 17 line basic signal voltage 3.3V or 5.0V
Weight	About 450g
Application	Intelligent self-balancing dual-wheel car, intelligent tracking car, intelligent appliances, robot, camera rocker arm, electric paper cutter, etc

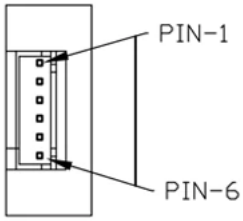
Size

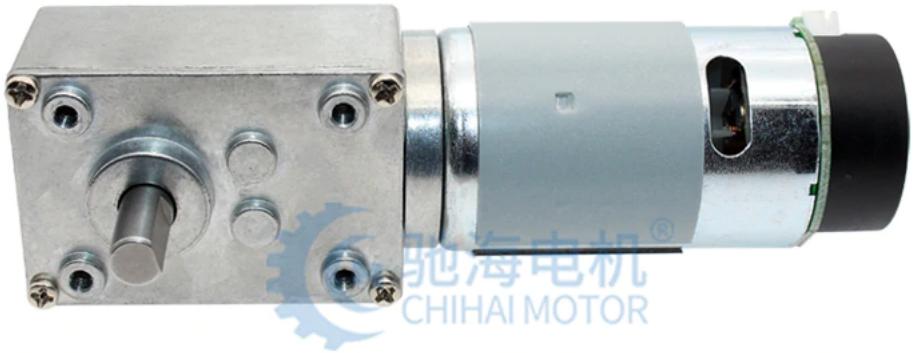




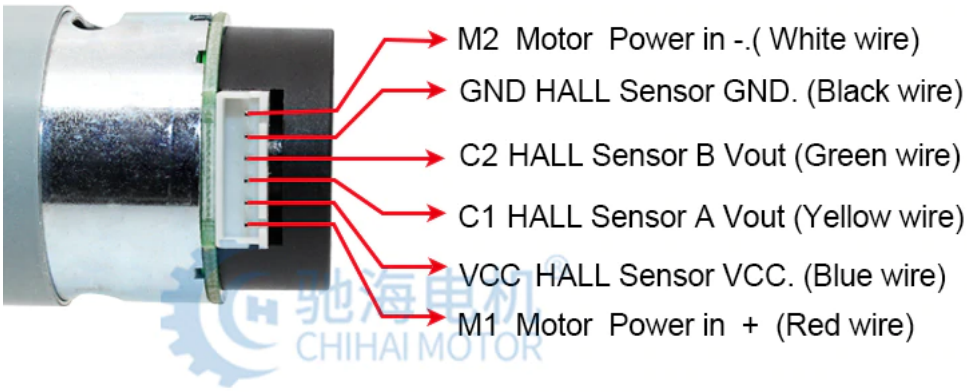


PIN1- M2	MOTOR POWER IN + (White wire)
PIN2- VCC	HALL SENSOR VCC. (Blue wire)
PIN3- C2	C2 HALL SENSOR B Vout (Green wire)
PIN4- C1	C1 HALL SENSOR B Vout (Yellow wire)
PIN5- GND	HALL SENSOR GND. (Black wire)
PIN6- M1	MOTOR POWER IN - (Red wire)





Holzer Encoder Data

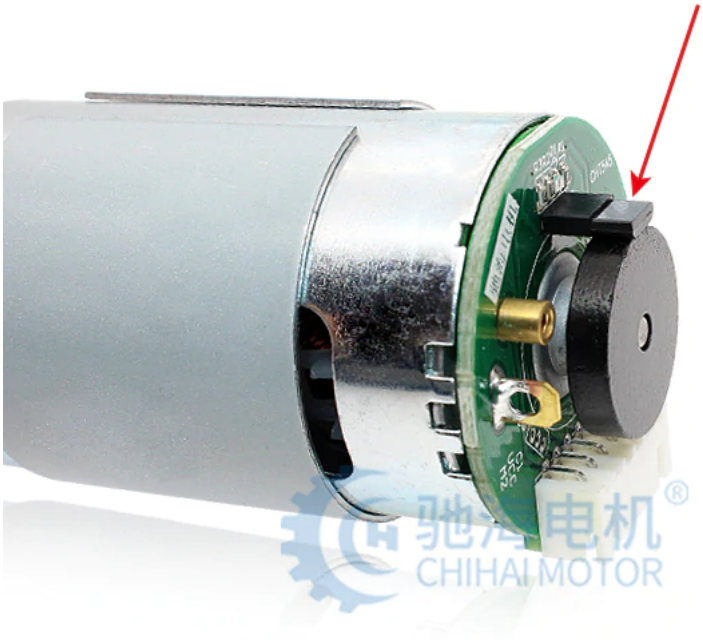


Encoders Conflg	
Type:	AB dual phase incremental encoder
Pulse outputs of rotation:	Basic pulse 17PPR x gear reduction ratio
Holzer power supply voltage:	DC 3.3V/DC 5.0V
Basic function:	with the pull-up shaping resistor,the single-chip microcomputer can be used
Encoder Interface type:	XH2.54-6PIN (standard wiring)
Output signal type:	square wave AB phase
response frequency:	100KHz
Basic pulse number:	17 PPR
poles of magnetic ring:	34 poles(17 pairs of poles)

Detail

With Encoder Protection Cover

Imported Hall Element (single bipolar output)

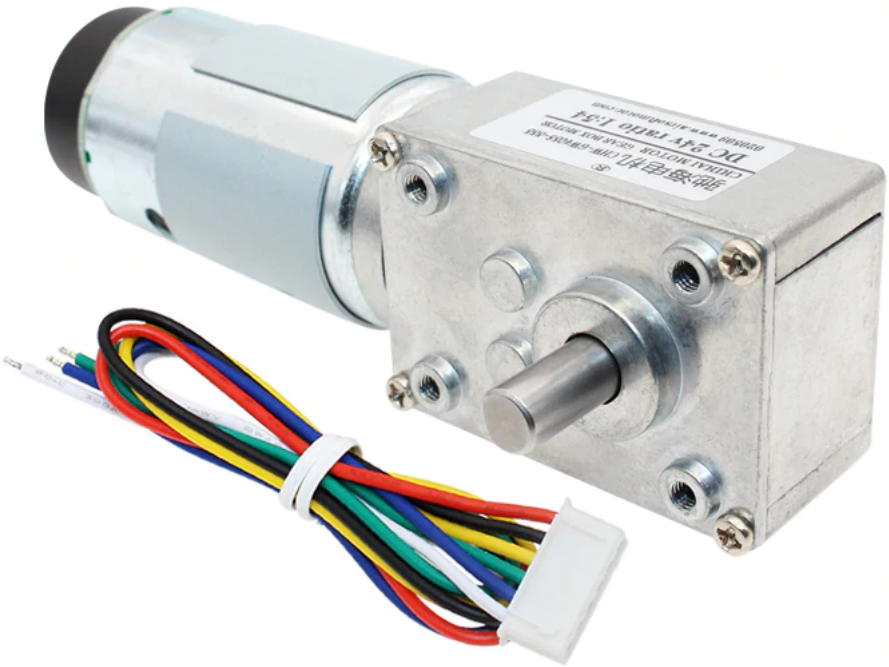


Product Paramenters

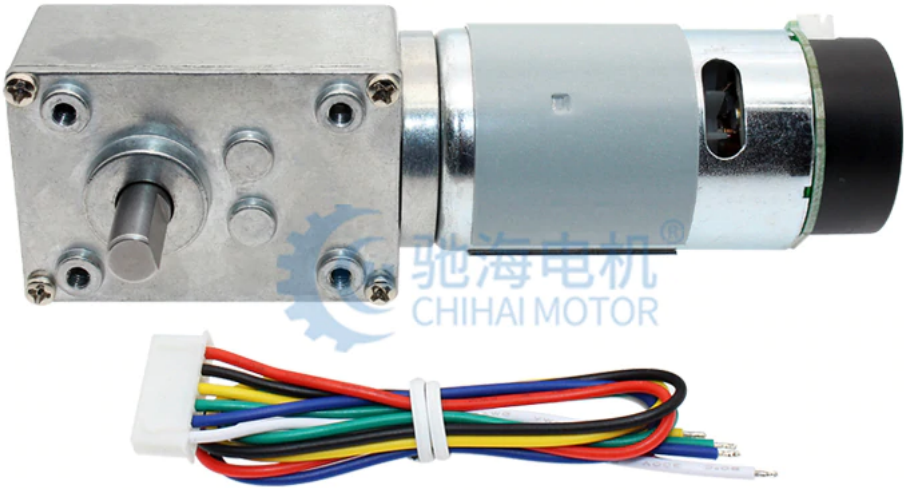
Specifications

Model：CHW-GW4058-555ABHL DC Worm Gear Motor									
Warning: maximum instantaneous load of 70kg.cm, no blocking is allowed									
Excessive use of torque or repeated blockage is extremely easy to cause gear damage									
Voltage: DC 12.0V input motor speed 7800rpm max 23.6w									
Ratio	1: 17	1: 36	1: 54	1: 72	1: 108	1: 212	1: 280	1: 590	1: 776
No-load current(mA)	≤500	≤500	≤500	≤500	≤500	≤500	≤500	≤500	≤500
No-load speed(rpm)	450	215	140	105	72	36	28	15	10
Rated torque(Kg.cm)	10	20	30	40	60	70	70	70	70
Rated speed(rpm)	230	105	70	54	36	18	19	13	9
Rated current(A)	≤5.0	≤5.0	≤5.0	≤5.0	≤5.0	≤5.0	≤5.0	≤5.0	≤5.0
Stall torque(Kg.cm)	≥20.0	≥40	≥60	≥70	≥70	≥70	≥70	≥70	≥70
Stall current(A)	≤13	≤13	≤13	≤13	≤13	≤13	≤13	≤13	≤13
Voltage: DC 24.0V input motor speed 15600rpm max 95w									
Ratio	1: 17	1: 36	1: 54	1: 72	1: 108	1: 212	1: 280	1: 590	1: 776
No-load current(mA)	≤650	≤650	≤650	≤650	≤650	≤650	≤650	≤650	≤650
No-load speed(rpm)	900	430	280	210	145	72	56	30	20
Rated torque(Kg.cm)	20	40	60	70	70	70	70	70	70
Rated speed(rpm)	460	210	140	125	85	45	41	27	18
Rated current(A)	≤10	≤10	≤10	≤9.00	≤8.0	≤6.5	≤5.0	≤4.0	≤3.5
Stall torque(Kg.cm)	≥40	≥70	≥70	≥70	≥70	≥70	≥70	≥70	≥70
Stall current(A)	≤26	≤26	≤26	≤26	≤26	≤26	≤26	≤26	≤26

Product Display



100% KIND SHOOTING



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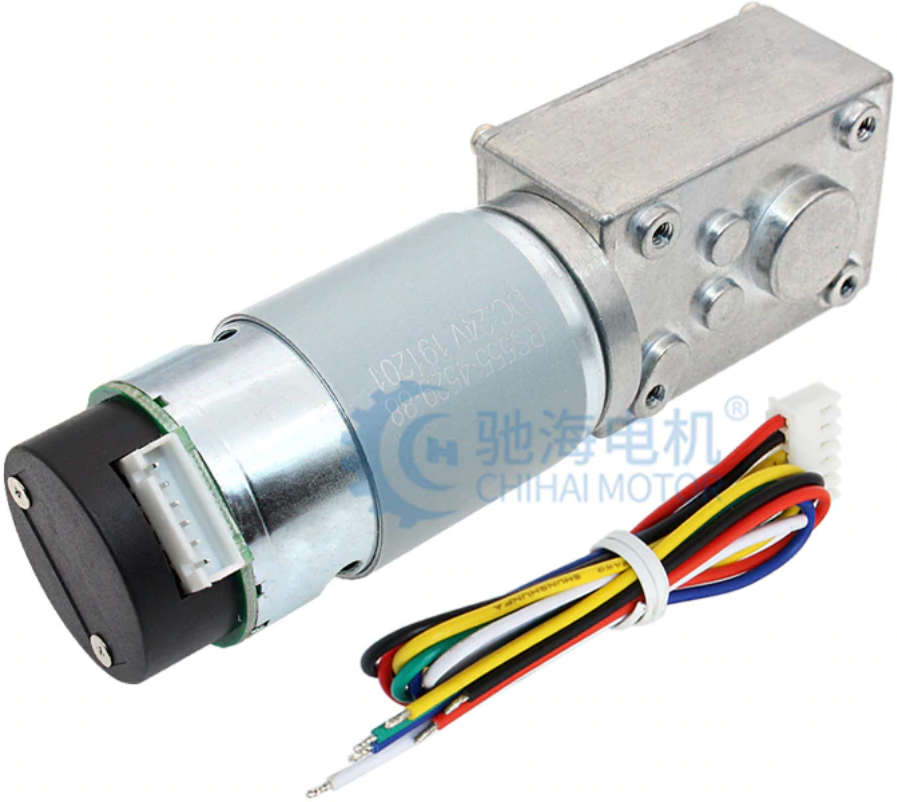

Application

Certifications

第 20322703 号

商 标 注 册 证

驰海电机
CHIHAI MOTOR

核定使用商品/服务项目（国际分类：7）

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注 册 人 深圳市驰海电机有限公司

注册人地址 广东省深圳市坪山新区江岭社区江边路93号3楼

注册日期 2017年08月07日 有效期至 2027年08月06日

局 长 刘俊辰 发证机关 中华人民共和国国家工商行政管理总局 商标局

ATL

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Web: http://www.atllab.org
Floor 5,Genesis Zhongye Building,No.22, Puzai Road,Pingdi Street,Longgang District, Shenzhen,Guangdong,China (518000)

EC-Certification of Conformity

EMC Directive 2014,30,EU

Registration No.:	ATL20190301114
Applicant:	Shenzhen Chihai Motor Co.,Ltd
Applicant Address:	No. 18 Qingcaolin Second Industrial Zone, Pingshan New District, Shenzhen, CHINA
Manufacturer:	Shenzhen Chihai Motor Co.,Ltd
Manufacturer Address:	No. 18 Qingcaolin Second Industrial Zone, Pingshan New District, Shenzhen, CHINA
Product Designation:	GEAR BOX MOTOR
Brand Name:	CHIHAI MOTOR
Model , Series Models:	CHR-GM25,CHF-GM12,CHR-GM16,CHW-GW4632,CHW-GW4058,CHF-GM3865, CHR-GM20;CHR-GM37,CHP-36GP,CHE-48GE

Requirement	Applied Standards	Document Evidence	Result
EMC Directive	EN 61000-6-1:2017 EN 61000-6-3:2007/A1:2011/AC:2012.	Test Report: ATL20190301114E01	Conform

CE EMC tested

Signed by Ou
Issue Date:

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