



WWW.QEEHUAPUMP.COM



WWW.QEEHUA-PUMP.COM

HEAD OFFICE IN SOUTH CHINA:
GUANGDONG QEEHUA INDUSTRY EQUIPMENT CO., LTD.
Address: No.8, East Chenwu Road, Houjie Town, Dongguan City, Guangdong Province, China.

SUBSIDIARY CORPORATION:
DONGGUAN EVER POPULAR IMPORT AND EXPORT CO., LTD.
No. 1301&1302, Tianan Cyber Park, No.1 Huangjin Road, Nancheng District,
Dongguan City, Guangdong Province, China.

SUBSIDIARY CORPORATION:
JIANGXI QEEHUA FLOW TECHNOLOGY CO., LTD.
Address: Room 110, Building 3, Hengke Industrial Park phase 1,
Economic and Technological Development Zone, Ganzhou City, Jiangxi Province, China.

SUBSIDIARY CORPORATION:
SUZHOU QEEHUA PUMP INDUSTRY CO., LTD.
Address: Room 221, Kezheng Building, No. 16, Nantiancheng Road, High - speed Railway New Town,
Xiangcheng District, Suzhou City.

SUBSIDIARY CORPORATION:
CHENGDU QEEHUA FLUID TECHNOLOGY CO., LTD.
No. 08, 3rd Floor, Building 3, No. 1108 Shengbang Street, High tech Zone, Chengdu City, Sichuan Province, China.

 Copyright belongs to our company
Product specifications and technical indicators are subject to change without prior notice.

2025.11.19



QEA FILLING PERMANENT MAGNET PUMP SELECTION MANUAL

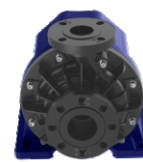
GUANGDONG QEEHUA INDUSTRY EQUIPMENT CO., LTD.

QEA SERIES

PERMANENT MAGNET FILLING PUMP

Product Features

- Energy-efficient: Super IE5 motor + variable frequency control, optimized drive, 20% energy reduction, 15% efficiency increase, stable operation at low cost.
- Lightweight & Easy Maintenance: Lightweight and modular design, reduced weight and size, easy installation and disassembly, lower maintenance cost and time.
- Well-protected & Durable: IP66 protection, corrosion-resistant pump body and impeller, resistant to acids and alkalis, 30% longer lifespan.
- Silent & Long-lasting: Fanless design for low noise, optimized heat dissipation for low temperature, extended equipment lifespan.
- Leak-proof: Magnetic coupling prevents traditional leakage, ensures safe medium transportation.
- Environment-friendly: Leak-free design, compliant with international environmental standards.
- Widely Applicable: Used in high-end chemical, pharmaceutical & biotechnology, food & beverage, electronics & semiconductor industries.



Energy-efficient & High-performance

Lightweight & Easy-to-maintain

Well-protected & Durable

Silent & Long-lasting

Leak-proof & Worry-free

Eco-friendly & Green

Versatile & Multi-domain Applicable

SUPER IE5 PLUS

High - Head and Large - Flow Permanent Magnet Direct - Drive Pump
Suitable for Electroplating Equipment, New Energy Storage, Photovoltaic and Other Sectors



35M

Maximum Head

DN80/DN65

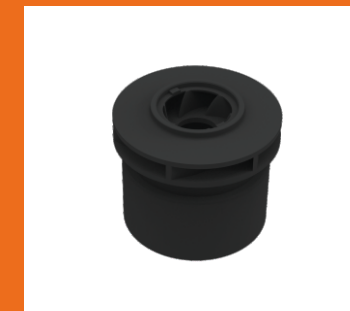
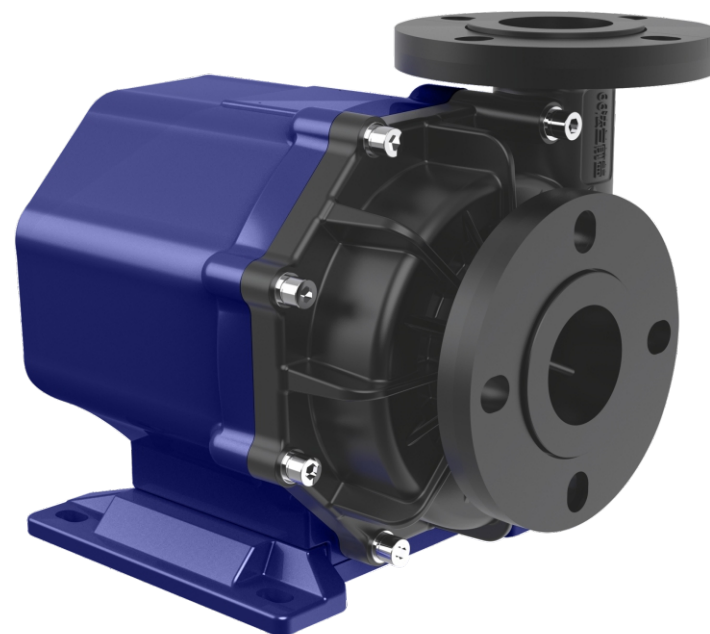
Maximum Inlet Diameter/
Outlet Diameter

7.5KW

Maximum Power

1400L/min

Maximum Flow



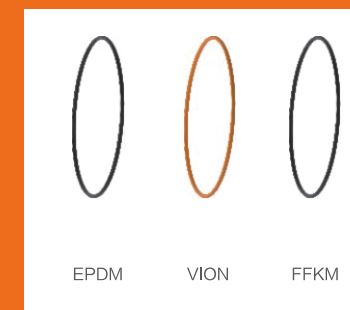
Impeller and magnetic capsule

Integrally formed impeller and magnetic capsule: heat- & fatigue-resistant for high-speed, high-temp settings. Magnetic capsule with rare-earth magnets, 1.5kW mini design, efficient & reliable for industries.



Pump shaft

Pump shaft with two - point support design: stronger, longer - lasting, for high - load, high - speed use.



O-Ring

various corrosion-resistant rubbers, fit different conditions, excellent sealing, efficient & reliable.



Bearing

Choose suitable materials by chemical traits and particles for longer life.

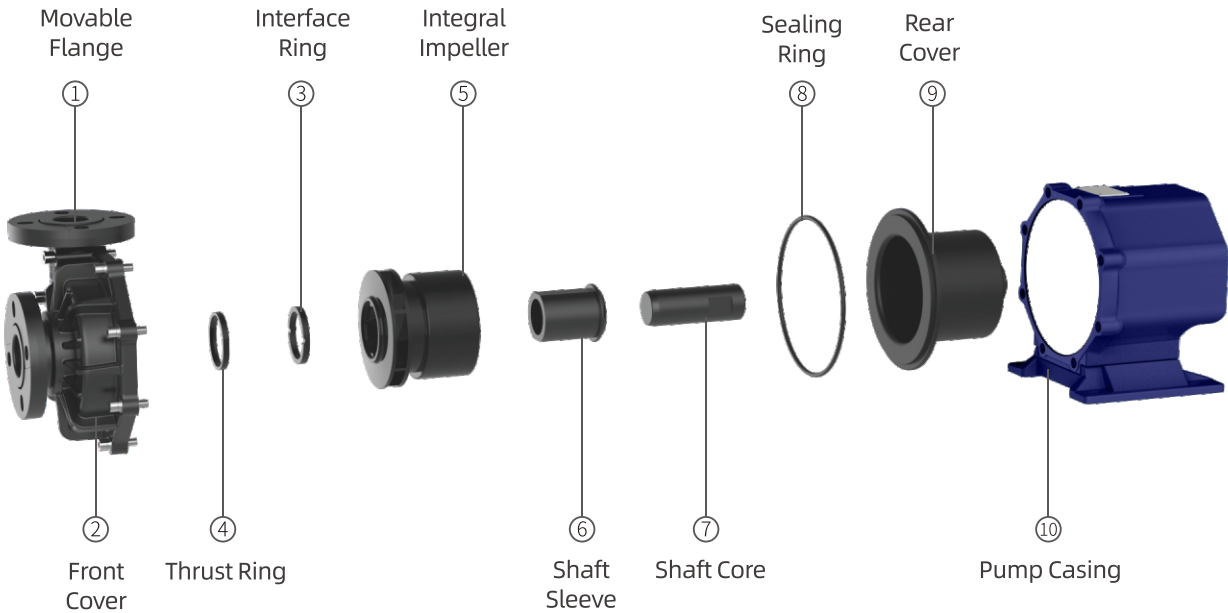


Removable Flange

Zero-leakage movable flange: Unique design for zero leakage. Easy installation, suits complex conditions, cuts O&M costs, ideal for high-efficiency sealing.

Front Cover

Injection-molded of reinforced PP & fluoroplastics, highly corrosion-resistant. Options: GFRPP, PVDF. Widely used in chem., pharma, F&B, electronics.



Material

NO	Description	Material		
1	Adjustable Flange	GFRPP /PVDF/CFRETFE		
2	Pump Casing	GFRPP /PVDF/CFRETFE		
3	Interface Ring	PTFE	CERAMIC	SSIC
4	Thrust Ring	CERAMIC		SSIC
5	Impeller Unit	GFRPP/PVDF/CFRETFE		
6	Bearing	PTFE	CERAMIC	SSIC
7	Shat	CERAMIC		SSIC
8	O-Ring	EPDM		VITON
9	Rear Casing	GFRPP//PVDF/CFRETFE		
10	Casing	PP		

Note: The O-ring material can be selected as FFKM.

Model Identification

MGV-	F	44	0	C	C	E-	3
1	2	3	4	5	6	7	8
1	Model	QEA					
2	Pump Body Material	F-FRPP P-PVDF					
3	Caliber	44-40*4055-50-5065-65*5066-65*65 86-80*65					
4	Power	0-1/2HP 1-1HP2-2HP 3-3HP5-5HP 7.5-7.5HP10-10HP					
5	Pump Shaft Material	C - Ceramic (Ceramic S - SSIC)					
6	Axis Material	C - Ceramic (Ceramic S - SSIC)					
7	Rubber	E-EPDM V_VITON N-NBR					
8	Voltage	2:220V 3:380V					

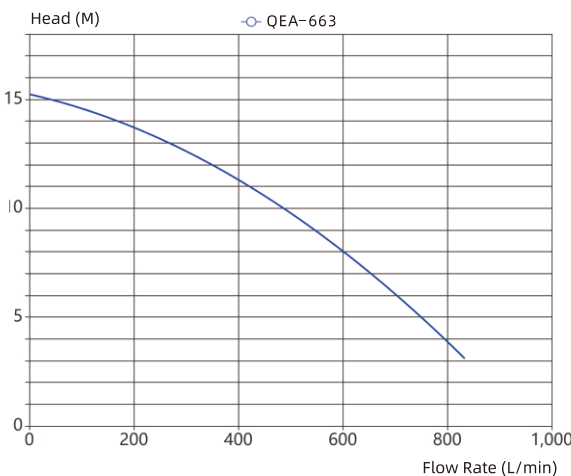
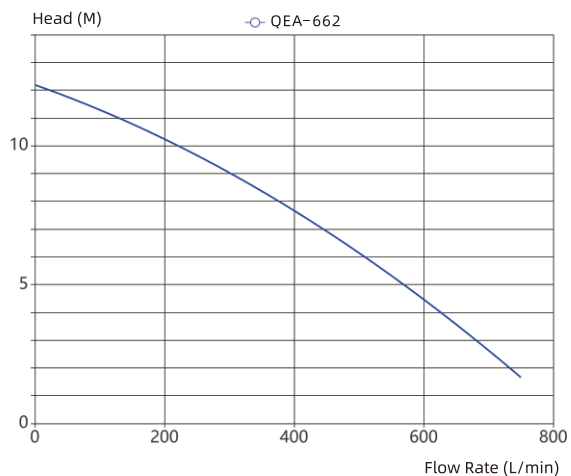
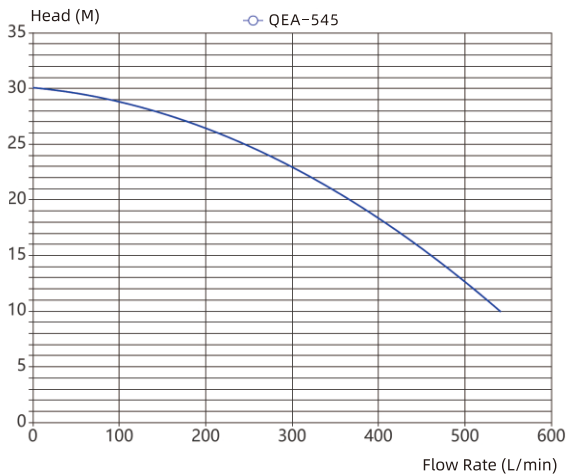
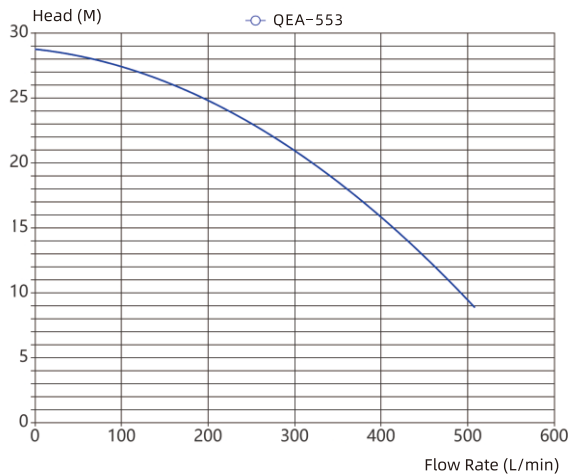
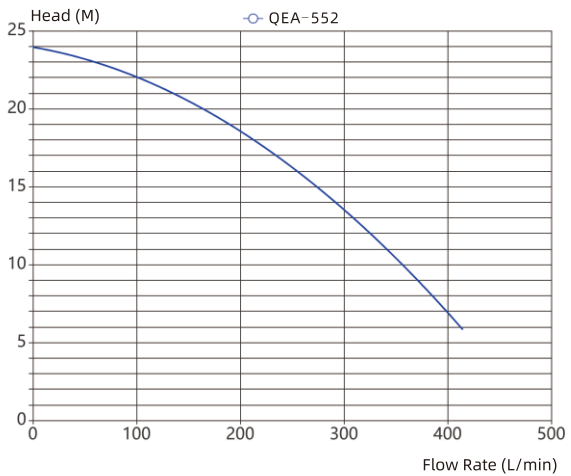
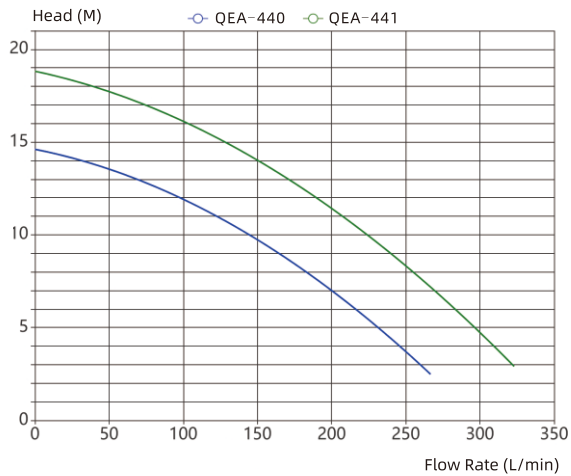
Specifications

model	Inlet×Outlet	Rated.Head (m)	Rated.Capacity (l/min)	Max.Head (m)	Max.Capacity (l/min)	Power(Kw)
QEA-440	40×40	11	100	12	250	0.55
QEA-441	40×40	15	150	18	300	0.75
QEA-552	50×50	20	200	24	420	1.5
QEA-553	50×50	25	250	30	500	2.2
QEA-662	65×65	15	450	18	585	1.5
QEA-663	65×65	15	585	20	800	2.2
QEA-555	50×50	25	340	40	550	4
QEA-655	65×50	20	500	28	700	4
QEA-665	65×65	20	670	23	1050	4
QEA-867.5	80×65	20	840	27	1150	5.5
QEA-8610	80×65	27	840	35	1350	7.5

Liquid temperature range: GFRPP: 0–80 °C, CFRPP: 0–80 °C, PVDF: 0–90 °C.

	QEA-441	QEA-542/552	QEA-543/553	QEA-545	QEA-662	QEA-663	QEA-655	QEA-665	QEA-867.5	QEA-8610
Capacity Range	0-300l/min	50-420	50-500	50-550	50-585	50-800	50-700	50-1050	50-1150	50-1400
Range	3-19m	6-24m	6-29m	9-30m	4-12m	4-15m	9-28m	9-23m	10-27m	10-35m
Power	0.75kW	1.5kW	2.2kW	4kW	1.5kW	2.2kW	4kW	4kW	5.5kW	7.5kW
Rated Current	2.2A	2.7A	3.9A	7.1A	2.7A	3.9A	7.1A	7.1A	10.7A	14.5A
Rotation Speed Range	1500-3000RPM									
Protection Grade	IP66									

Performance Curves



Dimensional Drawing, Part Drawing

