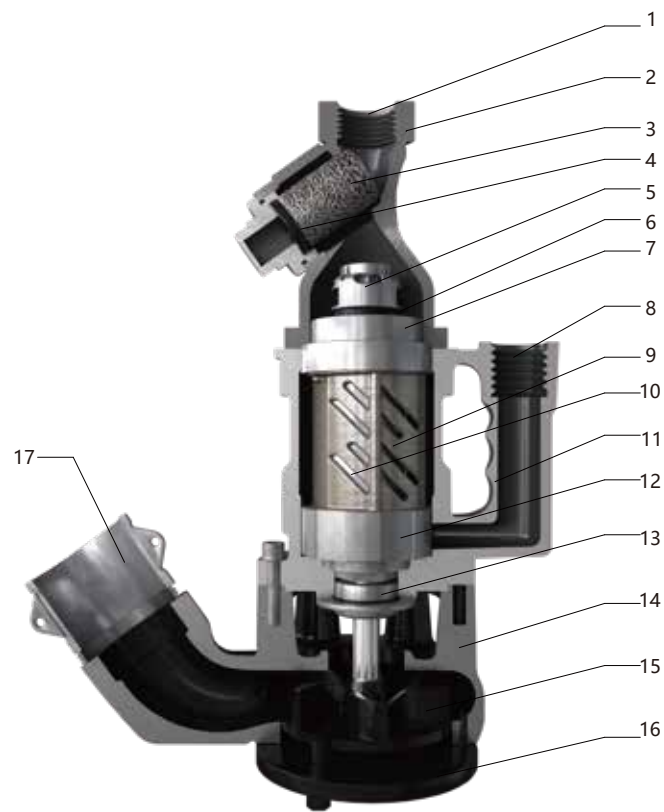


FQW series
矿用风动潜水泵
Mining pneumatic submersible pump



1	进气口	Air inlet
2	进气座	Ari inlet base
3	过滤装置	Filter
4	进气座垫圈	Ari inlet base gasket
5	限速器	Speed limiter
6	限速器垫圈	Speed limiter gasket
7	上轴承座	Upper bearing housing
8	出气口	Air outlet
9	气缸	Cylinder
10	转子	Rotor
11	壳体	Pump casing
12	下轴承座	Lower bearing housing
13	密封座	Seal seat
14	蜗壳	Volute
15	叶轮	Impeller
16	底座	Base
17	出水口	Outlet

结构优势/Structural advantage

- 体积小、流量大，效率高
 - 气源要求低、无需安装
 - 整体铸钢材质，坚固耐用
 - 国际标准快速标准接头，即插即用
- Compact size, high flow, and high efficiency.
 - Low air supply and no installation required.
 - The pump is made of cast steel, which is more durable.
 - International standard quick-connect fittings for plug-and-play operation.

性能参数/Performance parameter

序号 No.	型号 Model	额定流量 (m³/h) Rated flow	额定扬程 (m) Rated head	耗气量 (m³/h) Air consumption	工作气压 (Mpa) Working pressure	质量 (kg) Weight	安装外形尺寸 (mm) Dimension	出水口径 (mm) Outlet Diameter	进/出水口径 (mm) Air inlet/outlet Diameter
1	FQW30-18/W	30	18	3.5~4.5	0.5	17.5	412×297	50	25
2	FQW20-25/W	20	25	3.5~4.5	0.5	17.5	412×297	50	25
3	FQW20-40/W	20	40	3.5~4.5	0.5	17.5	412×297	50	25
4	FQW25-10	25	10	3.5~4.5	0.5	17.5	412×297	50	25

FQW series mining pneumatic submersible pump



技术参数/Parameter

- 流量Flow: 20-50m³/h
- 扬程Head: 12-50m
- 耗气量Air consumption: 4.5-5m³/min
- 口径Outlet diameter : 40mm
- 质量Weight: 30-35kg

应用领域/Application

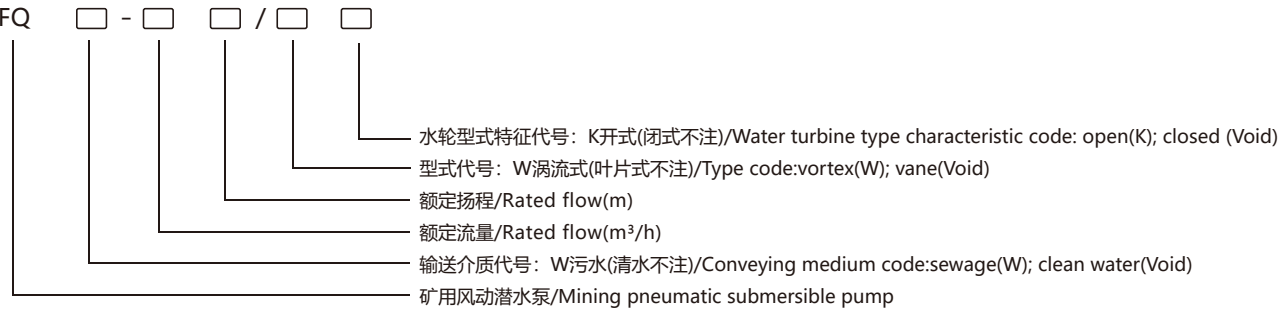
- 矿山的井巷开拓
- 竖井井筒施工
- 地下峒室工程的排水施工
- Mine shaft and roadway development
- Shaft construction for vertical wells
- Drainage construction of underground chamber works

产品介绍/Product introduction

FQW型矿用风动潜水泵我公司自行研制开发的一种新产品，本产品采用转子与泵体同轴联结，采用立式结构、下泵式。矿用风动潜水泵，采用风动涡轮传动，压缩空气为动力的新型潜水泵，克服了老式风泵噪音大、耗风量大、效率低的缺点。

FQW series mining pneumatic submersible pump is a new product developed independently by our company. This product uses coaxial connection between the rotor and the body, vertical structure and downward position. This mining pneumatic pump adopts pneumatic turbine to use compressed air as the driving force, and overcomes the drawbacks like loud noise, high air consumption and low efficiency.

型号组成及其代表意义/Model and meaning



型号示例：FQW20-40/W FQW为代表输送介质为污水的矿用风动潜水泵；额定流量20m³/h,额定扬程为40m，泵型式为涡轮为闭式(水轮)。本产品属于风动工具,定名为矿用风动潜水泵。

Model example: FQW20-40/W FQW represents the conveying medium for sewage mining pneumatic submersible pump; Rated flow 20m³/h, rated head 40m, The type of pump is turbine closed (water wheel). This product belongs to the pneumatic tool, named mine pneumatic submersible pump.

性能参数/Performance parameter

序号 No.	型号 Model	额定流量 (m³/h) Rated flow	额定扬程 (m) Rated head	耗气量 (m³/h) Air consumption	工作气压 (Mpa) Working pressure	质量 (kg) Weight	安装外形尺寸 (mm) Dimension	出水口径 (mm) Outlet Diameter
1	FQW20-25/W	20	25	4.5~5	0.5	30	347×274×462	40
2	FQW20-40/W	20	40	4.5~5	0.5	34	329×274×495	40
3	FQW40-20/W	40	20	4.5~5	0.5	31	347×274×462	40
4	FQW25-50/W	25	50	4.5~5	0.5	35	329×274×495	40
5	FQW30-18/W	30	18	4.5~5	0.5	35	329×274×495	40
6	FQW50-25/W	50	25	4.5~5	0.5	32	347×274×462	40
7	FQW48-12/W	48	12	4.5~5	0.5	31	347×274×462	40