

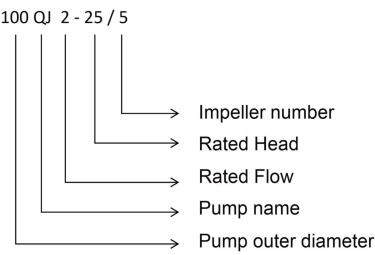
1、Performance Characteristics

•Performance characteristics

- 1.1 High-grade Stainless steel for casing of motor and pump, shaft coupling, fastener, etc, elegant appearance, strong decay resistance, outstanding durability;
- 1.2 Floating impellers adopts single-stage floating structure, pom for impeller, high-strength composite PC for diffuser and cover plate and strong bearing gasket, which greatly reduce backwater and highly improve efficiency;
- 1.3 Brass outlet and inlet, attractive and practical;
- 1.4 High-efficient and energy-saving motor is suitable for drinking water, filled with food-grade white oil, non-toxit and pollution-free;
- 1.5 The installation of the motor rotor conforms to "NEMA" standard;
- 1.6 The outlet is equipped with a high-strength ABS check valve, to effectively prevent the impact of water hammer.

2、Parameter Center

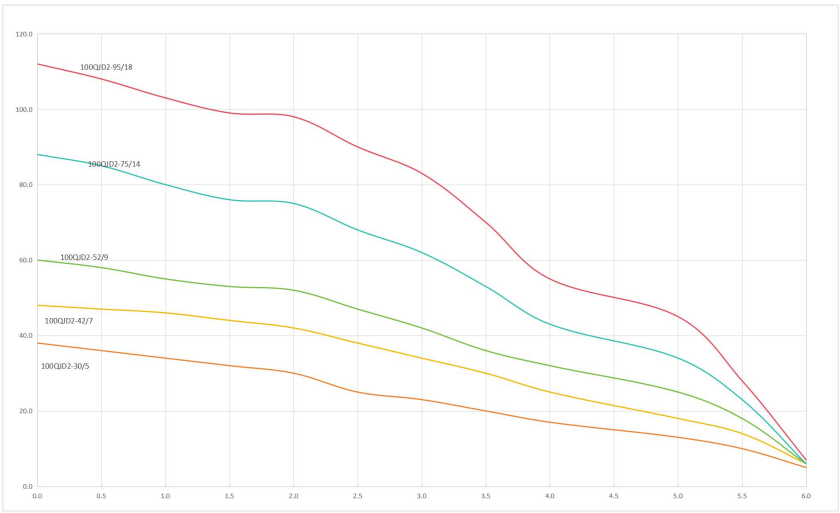
MODEL ANALYSIS:



4" QJ Series material of spare parts

Part Name	Material	Part Name	Material
Pump Casing	304/201	Top bearing chock	HT200
Discharge Head/Outlet	ZCuZn38	Bottom bearing chock	HT200
Connector/Inlet	ZCuZn38	Mechanical Seal	Ceramic-graphite
Bowl	ABS	Rotator	304—45#Weld
Impeller	PC	Bearing	C&U
Coupling	304	Oil	Food-grade machine oil
Motor Casing	304/201		

Performance Curve



TECHNICALDATA

Item Number	Outlet diameter	Power	Flow	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	5.0	5.5	6
	(inch)	HP	(m³/h)												
100QJD2-30/5	1.25"	0.75	Head (m)	38	36	34	32	30	25	23	20	17	13	10	5
100QJD2-42/7		1		48	47	46	44	42	38	34	30	25	18	14	6
100QJD2-52/9		1.5		60	58	55	53	52	47	42	36	32	25	18	6
100QJD2-75/14		2		88	85	80	76	75	68	62	53	43	34	23	6
100QJD2-95/18		3		112	108	103	99	98	90	83	70	55	45	28	7

Application area



Animal Husbandry



High pressure water delivery



Building Industry



Mining



Agriculture



Dryland essential machine



Increase pressure



Industrial salt essential

Parts List

