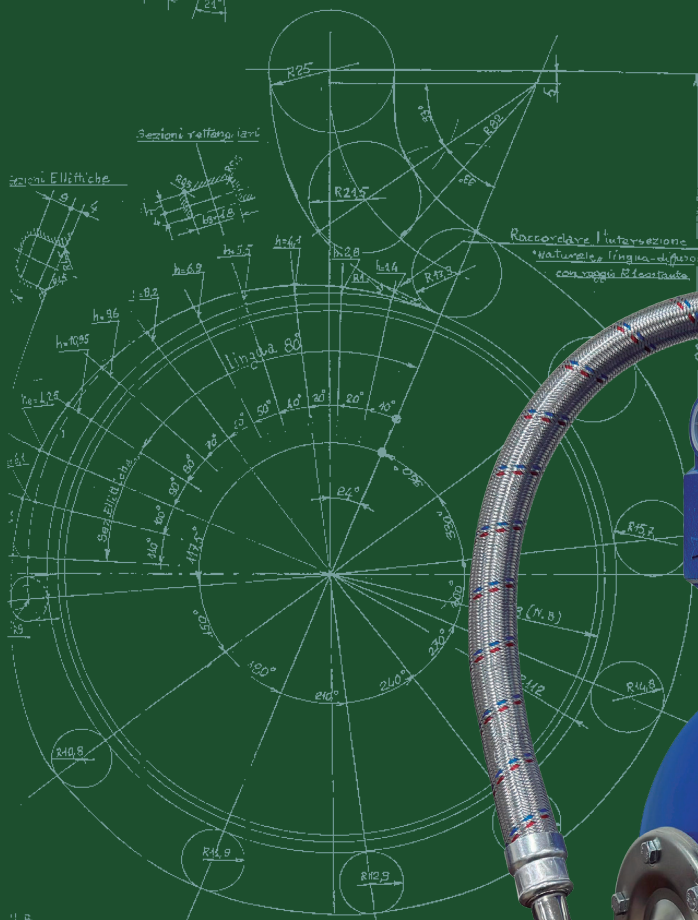
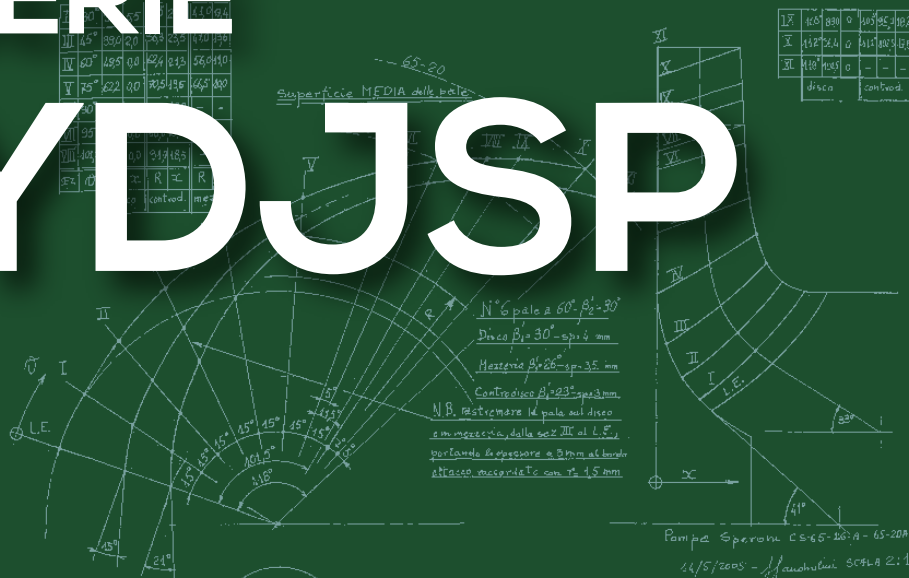


YDJSP



Pom. Spex
Chic
3/10/20



WATER PUMPS



60 Hz

GENERAL DATA

Model Code	1
Operating conditions	1
Motor	1
Pump	1
Advantages & features	1
Material	2

TECHNICAL DATA

YDJSP Performance curve	3
YDJSP Overall & installation dimensions	3



YDJSP SERIES

GENERAL DATA

60 HZ

MODEL CODE

YDJSP T - 100A

Code

Three phase motor
(Omitted for single-phase motor)

Product style



OPERATING CONDITIONS

- Liquid temperature up to 60°C.
- Ambient temperature up to 40°C.
- Total suction lift up to 9m.
- Continuous duty.
- pH: 6.5 to 8.5.

PUMP

- Pump body: Cast iron.
- Impeller: Brass / Techno-polymer (P.P.O).
- Diffuser: Techno-polymer (P.P.O).
- Mechanical seal: Carbon / Ceramic / Sainless steel.

TANK

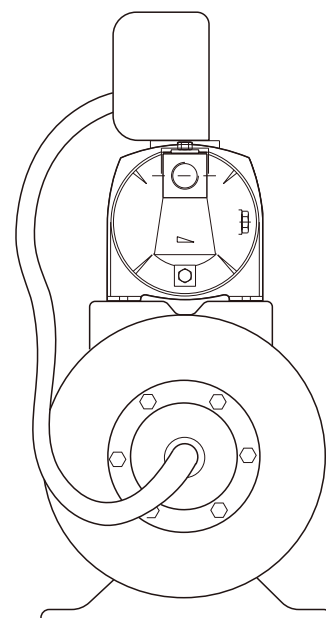
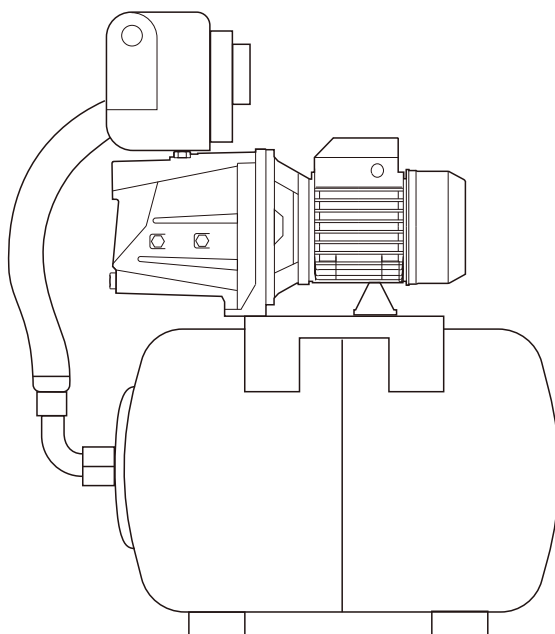
Tank capacity:
24 l.
50 l.

MOTOR

- Single phase: IE1, IE2/IE3.
- Motor housing: Aluminum.
- Insulation: Class B / Class F.
- Cooling: External ventilation.
- Heavy duty continuous work.
- Shaft: AISI304/AISI420/AISI1045.
- Protection: IPX4.

ADVANTAGES & FEATURES

- Pump body with installation foot set.
- High pressure.
- Larger flow, good self priming time.
- Compacted desing, easy installation and maintenance.

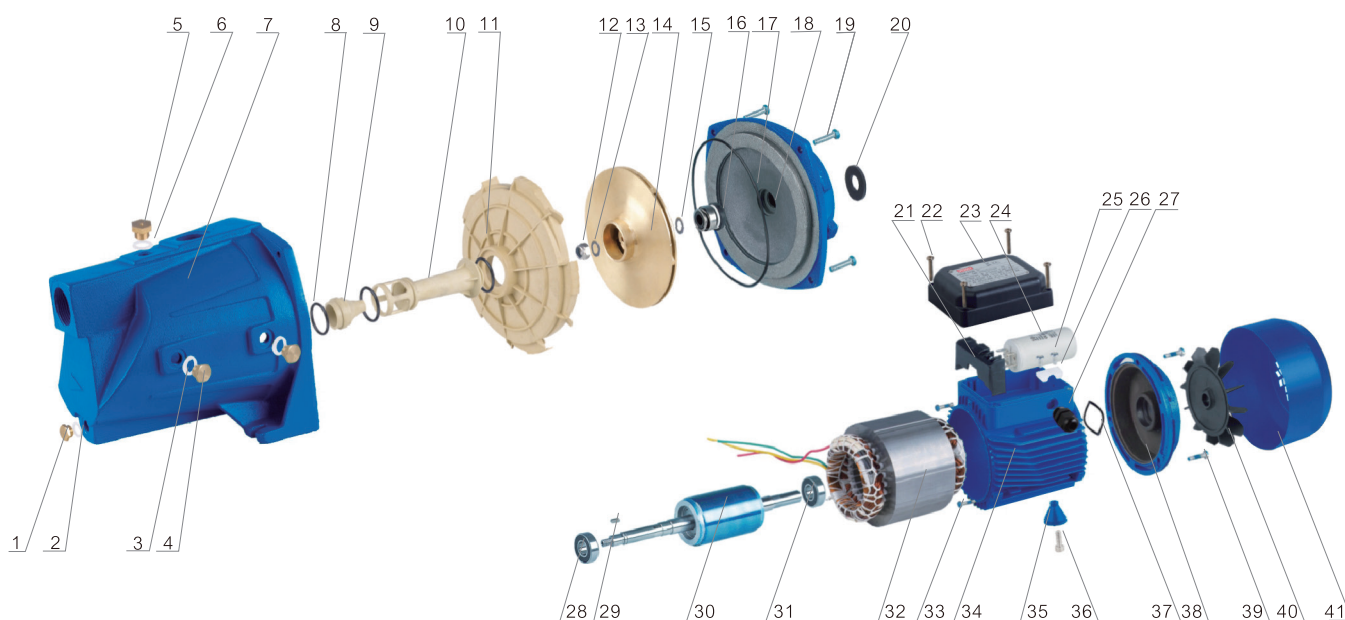


YDJSP SERIES

60 HZ

GENERAL DATA

MATERIAL



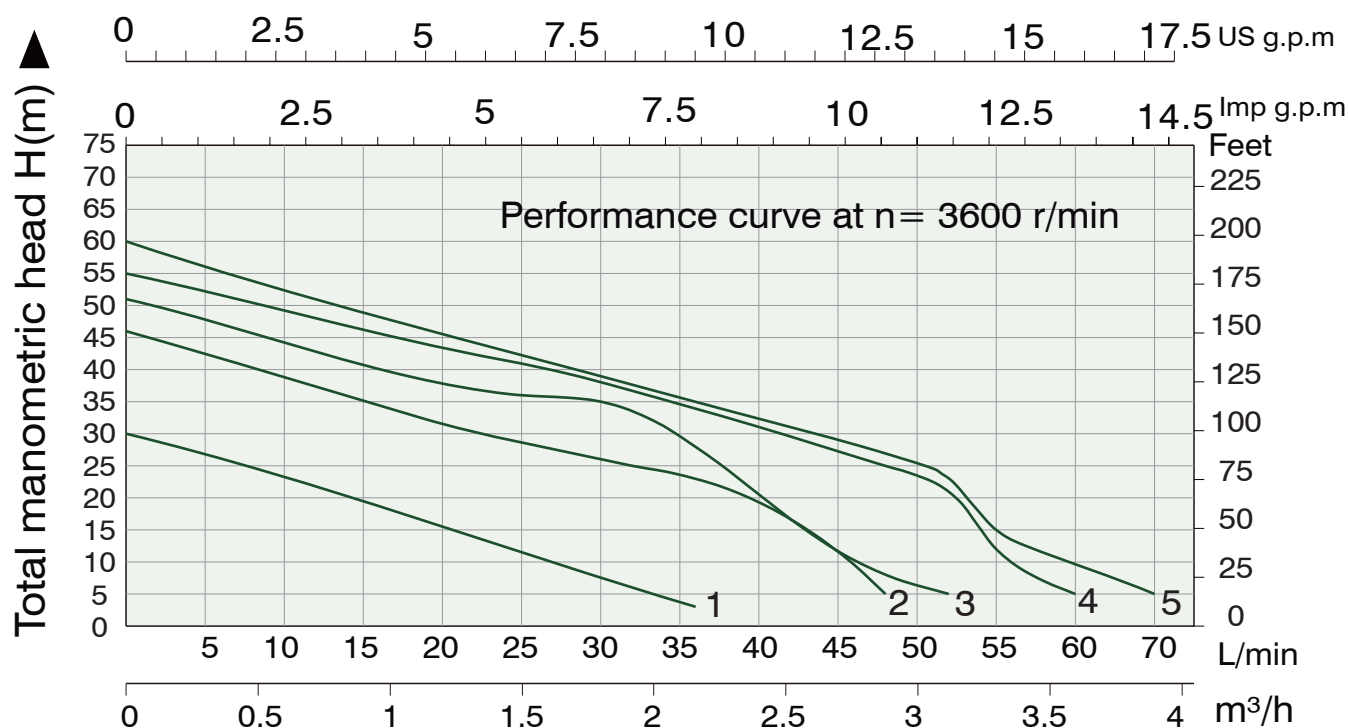
NO.	DESCRIPTION	NO.	DESCRIPTION
1	Drain plug.	22	Screw for T-box
2	Plain washer.	23	Terminal box.
3	Plain washer.	24	Capacitor.
4	Air screw.	25	Screw for cable presser.
5	Water injection plug.	26	Cable presser.
6	Plain washer.	27	Cable gland.
7	Pump body.	28	Bearing.
8	O-ring for nozzle.	29	Key.
9	Nozzle.	30	Rotor with shaft.
10	Venturi tube.	31	Bearing.
11	Diffuser.	32	Stator with winding.
12	Impeller nut.	33	Screw
13	Plain washer.	34	Motor housing.
14	Impeller.	35	Motor foot.
15	Plain washer.	36	Screw foot screw.
16	Mechanical seal.	37	Adjusting ring.
17	O ring for pump body.	38	Rear cover.
18	Motor bracket.	39	Screw for rear cover
19	Screw for bracket.	40	Fan
20	Splash guard.	41	Fan cover
21	Terminal board.		

YDJSP SERIES

60 HZ

TECHNICAL DATA

PERFORMANCE CURVE



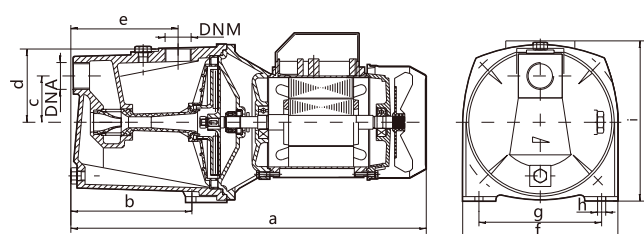
1. YDJSP-100A 2. YDJSP-255A 3. YDJSP-355A
 4. YDJSP-1200 5. YDJSP-1400A

TECHNICAL DATA (220~240V/60Hz)

MODEL	SINGLE-PHASE MOTOR				$n=3600 \text{ r/min}$			DIMENSIONS (mm)			
	INPUT MAX	OUTPUT POWER		CURRENT	Q.max	H.max	Suct.max	DNA		DNM	
	kW	kW	HP	A	L/min	m	m	Inch	mm	Inch	mm
YDJSP-100A	0.55	0.37	0.50	2.5	36	30	9	1"	25	1"	25
YDJSP-255A	0.88	0.60	0.80	4.2	48	46		1"	25	1"	25
YDJSP-355A	1.10	0.75	1.00	5.2	52	51		1"	25	1"	25
YDJSP-1200A	1.50	1.10	1.50	7.0	60	55		1.25"	32	1"	25
YDJSP-1400A	2.00	1.50	2.00	9.6	70	60		1.25"	32	1"	25

Other voltages and frequencies available on request.

OVERALL & INSTALLATION DIMENSIONS



MODEL	DIMENSIONS (mm)								
	A	B	C	D	E	F	G	H	I
YDJSP-100A	382	132	45	71	122	157	124	10	176
YDJSP-255A	435	148	57	88	130	191	144	10	200
YDJSP-355A	435	148	57	88	130	191	144	10	200
YDJSP-1200A	515	169	68	101	168	209	163	10	218
YDJSP-1400A	515	169	68	101	168	209	163	10	218



WATER PUMPS

42024 Castelnovo di Sotto (Reggio Emilia) - Italy - Via S. Biagio, 59

Tel. +39.0522.487011 - Fax (Italy) +39.0522.487019 - Fax (World) +39.0522.683070

www.speroni.it • speroni@speroni.it