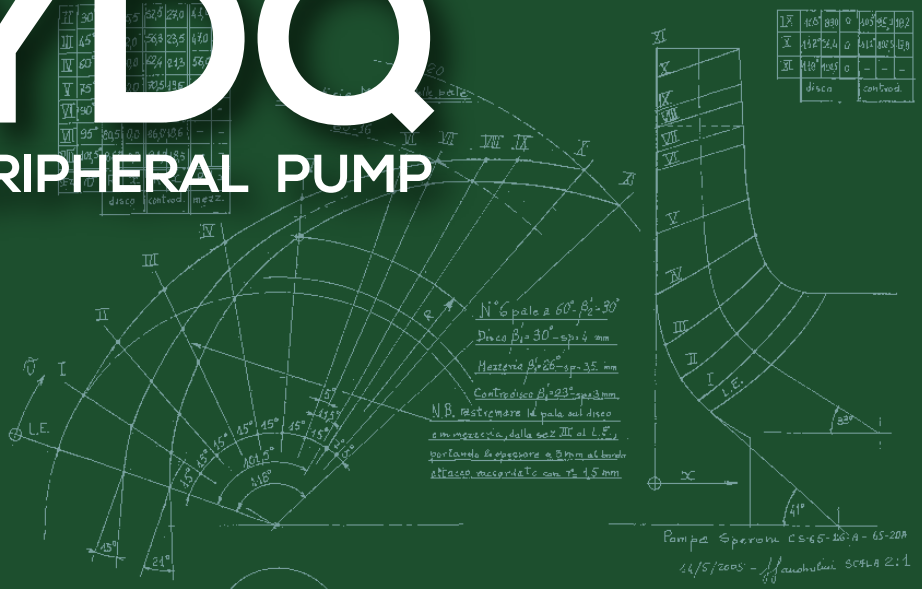
SPERONI®
WATER PUMPS

YDQ

PERIPHERAL PUMP







SPERONI®
WATER PUMPS

60 Hz

ÍNDICE

GENERAL DATA

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

TECHNICAL DATA

YDQ Performance curve	3
YDQ Overall & installation dimensions	3



YDQ SERIES

60 HZ

GENERAL DATA



MODEL CODE

YDQ T - 60

- Power(÷100HP)
- 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/ Brass / Stainless steel.
- Impeller: Brass.
- Mechanical Seal: Carbon/Ceramic/Stainless Steel.
- Front cover: Cast iron with brass or stainless steel insert.

MOTOR

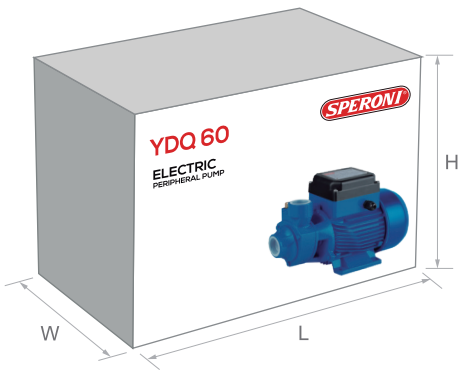
- Single phase: IE1, IE2/IE3.
- Motor housing: Aluminum.
- Insulation: Class B / Class F.
- Cooling: External ventilation.
- Heavy duty continuos work.
- Shaft: AISI304/AISI420/AISI1045.
- Protection: IPX4.

ADVANTAGES & FEATURES

- Small size, high pressure.
- Easy installation & maintenance.

PACKAGE INFORMATION

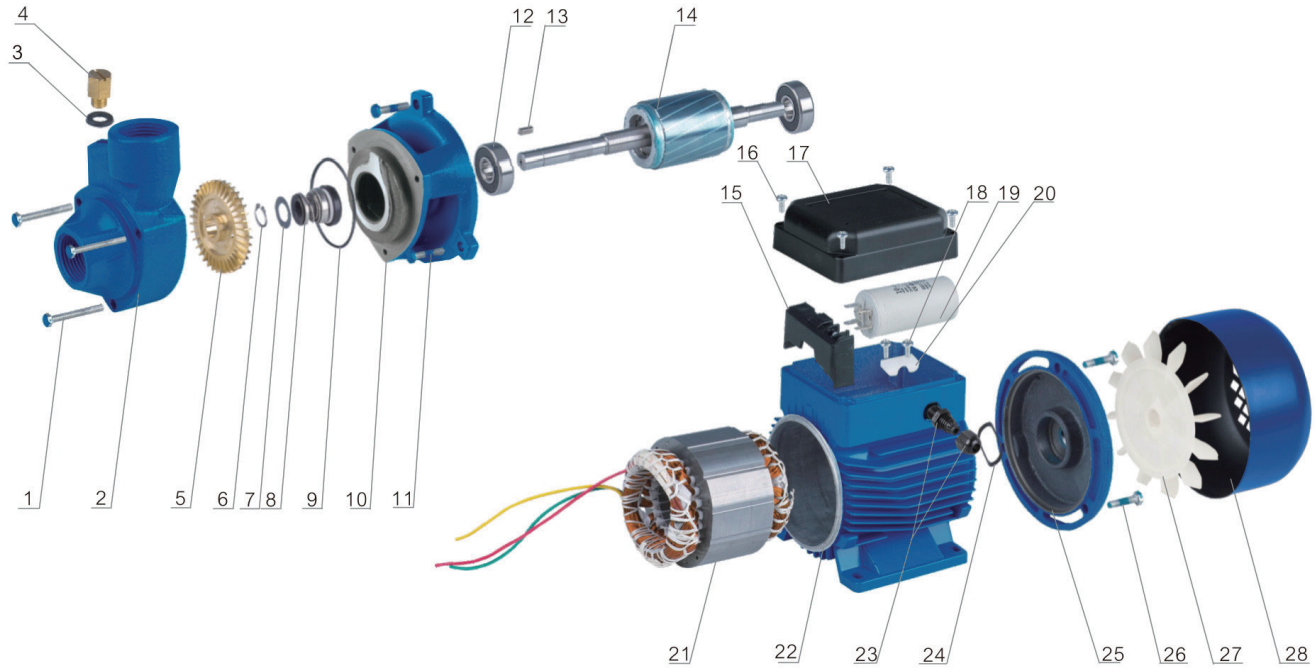
MODEL	Package dimensions & G.W. (mm)				MOQ Kraft carton
	L	W	H	kg	pcs
YDQ-60/ST/B	285	150	180	5.3	300
YDQ-70/ST/B	320	180	200	9.5	200
YDQ-80/ST/B	320	180	200	10.0	200
YDQ-90 YDQ-100	415	190	230	22.0	100



YDQ SERIES

GENERAL DATA

MATERIAL



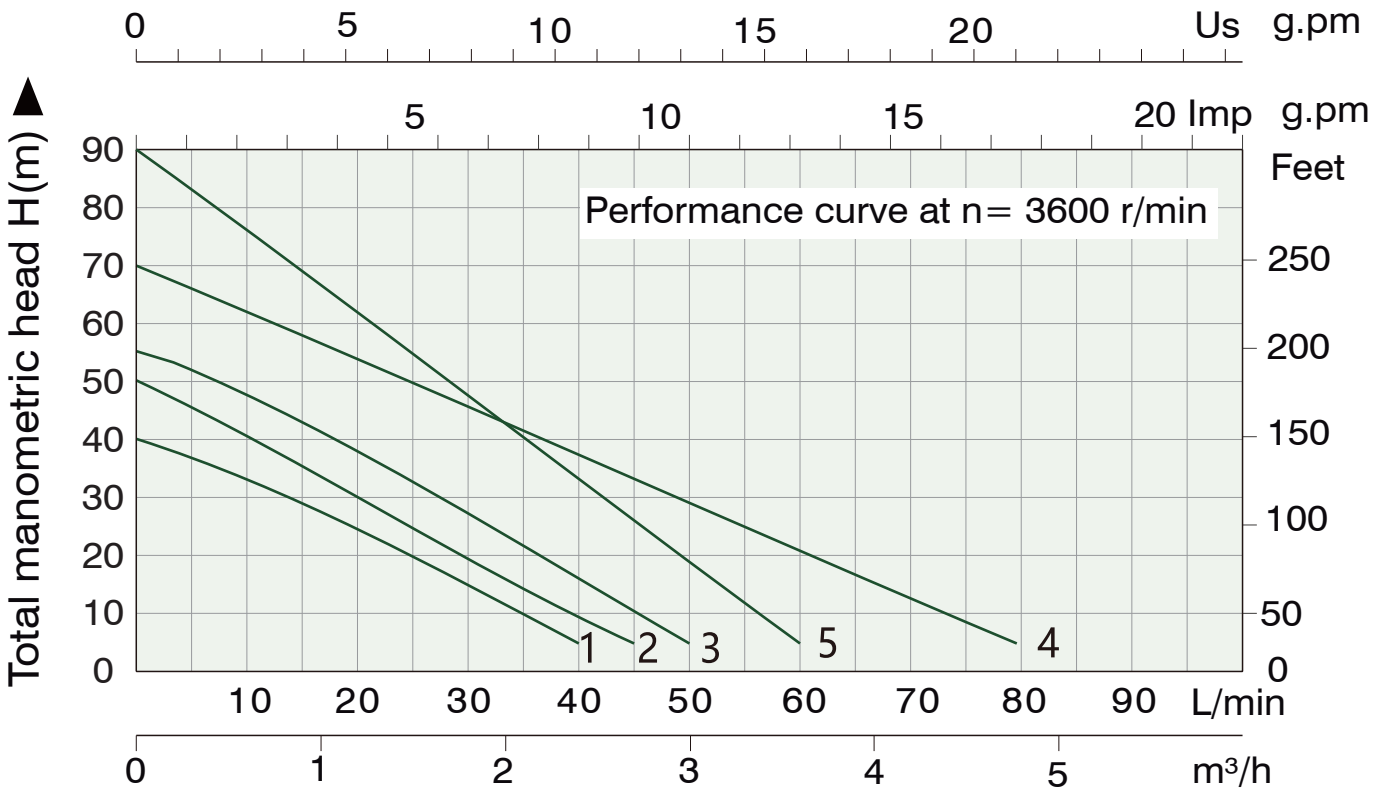
NO.	DESCRIPTION	NO.	DESCRIPTION
1	Pump body screw.	15	Terminal board.
2	Pump body.	16	Screw for terminal box.
3	“O” ring for filling plug.	17	Terminal box.
4	Filling plug.	18	Screw for cable presser.
5	Impeller.	19	Capacitor.
6	Circlip.	20	Cable presser.
7	Plain washer.	21	Stator with winding.
8	Mechanical seal.	22	Motor housing.
9	“O” ring for pump body.	23	Cable gland.
10	Motor front bracket.	24	Adjusting ring.
11	Screw for motor bracket.	25	Rear cover.
12	Bearing.	26	Rear cover screw.
13	Key.	27	Fan.
14	Shaft and rotor.	28	Fan cover.

YDQ SERIES

60 HZ

TECNICAL DATA

PERFORMANCE CURVE

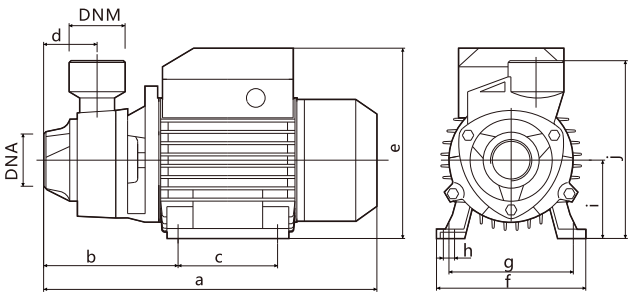


1. YDQ-60/B/ST 2.YDQ-70/B/ST 3.YDQ-80/B/ST 4.YDQ-90 5.YDQ-100

TECHNICAL DATA (220~240V/60Hz)

MODEL	SINGLE-PHASE MOTOR				n=3600 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
YDQ-60/ST/B	0.55	0.37	0.50	2.5	40	40	9	1”	25	1”	25
YDQ-70/ST/B	0.80	0.55	0.75	3.8	45	55		1”	25	1”	25
YDQ-80/ST/B	1.10	0.75	1.00	5.2	50	60		1”/1.5”	25/40	1”/1.5”	25/40
YDQ-90(1”)	1.50	1.10	1.50	7.0	60	70		1”	25	1”	25
YDQ-100(1”)	2.00	1.50	2.00	9.6	60	90		1”	25	1”	25
YDQ-90(1.5”)	1.50	1.10	1.50	7.0	80	70		1.5”	40	1.5”	40

Other voltages and frequencies available on request.



OVERALL & INSTALLATION DIMENSIONS

MODEL	DIMENSIONS (mm)									
	A	B	C	D	E	F	G	H	I	J
YDQ-60	265	110	80	45	151	118	100	10	63	138
YDQ-70	305	122	90	50	181	136	112	10	71	150
YDQ-80	305	122	90	50	181	136	112	10	71	150
YDQ-90/ YDQ-100	380	138	100	68	182	180	162	10	80	156

SPERONI®
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