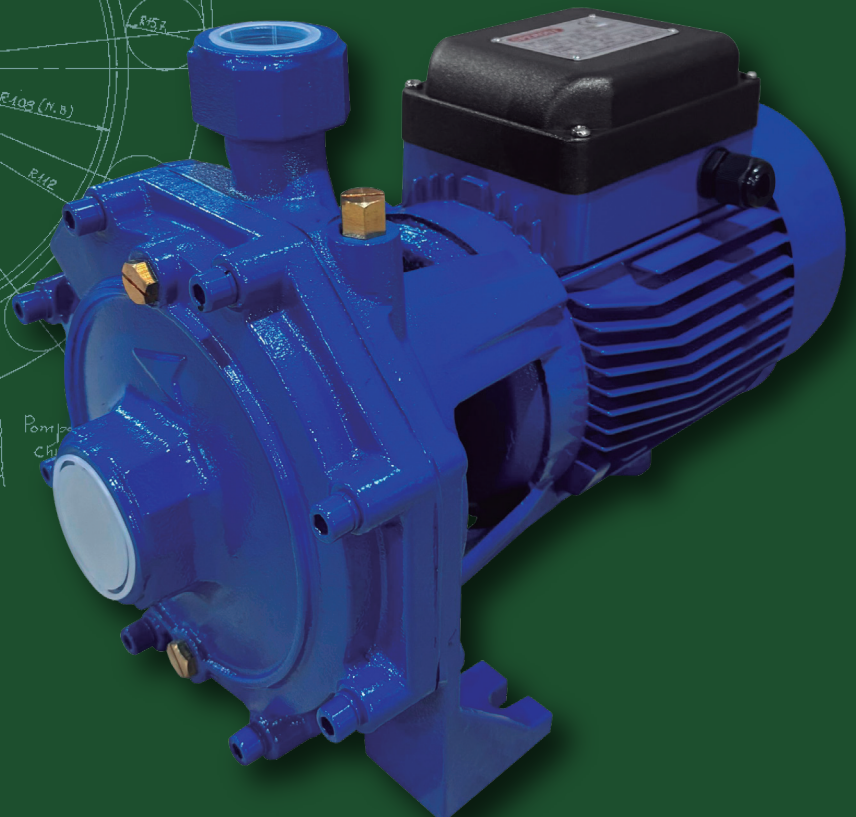


Pompe
chi

60 Hz

GENERAL DATA

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

TECHNICAL DATA

YDSM2 Performance curve	3
YDSM2 Overall & installation dimensions	3



YDSM2 SERIES

60 HZ

GENERAL DATA



MODEL CODE

YDSM 2 45

Model code

Two impellers

Product style

OPERATING CONDITIONS

- Liquid temperature up to 60°C.
- Ambient temperature up to 40°C.
- Continuous duty.
- pH: 6.5 to 8.5.

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.

PUMP

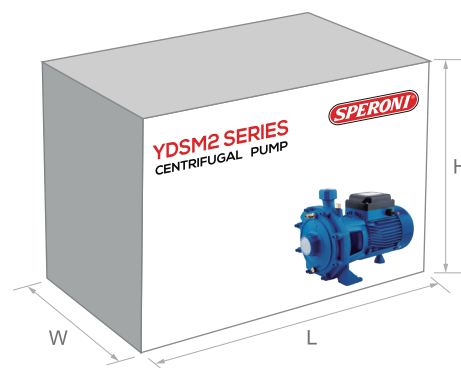
- Pump body: Cast iron.
- Impeller: Brass.
- Mechanical seal: Carbon/ Ceramic/ Stainless steel.
- Front bracket: Cast iron.

ADVANTAGES & FEATURES

- Double impeller centrifugal pump, satisfies the requirements of high head.
- Compact structure.

PACKAGE INFORMATION

MODEL	Package dimensions & G.W. (mm)				MOQ Kraft carton
	L	W	H	kg	pcs
YDSM2-45	370	200	257	18.8	200
YDSM2-52	435	250	320	23.5	100
YDSM2-60A	435	250	320	25.0	100
YDSM2-60J	435	250	320	25.0	100
YDSM2-68	475	250	340	31.0	50
YDSM2-68J	481	266	355	34.95	50
YDSM2-70	58	33	37	45.5	50
YDSM2-80	58	33	37	47.5	50

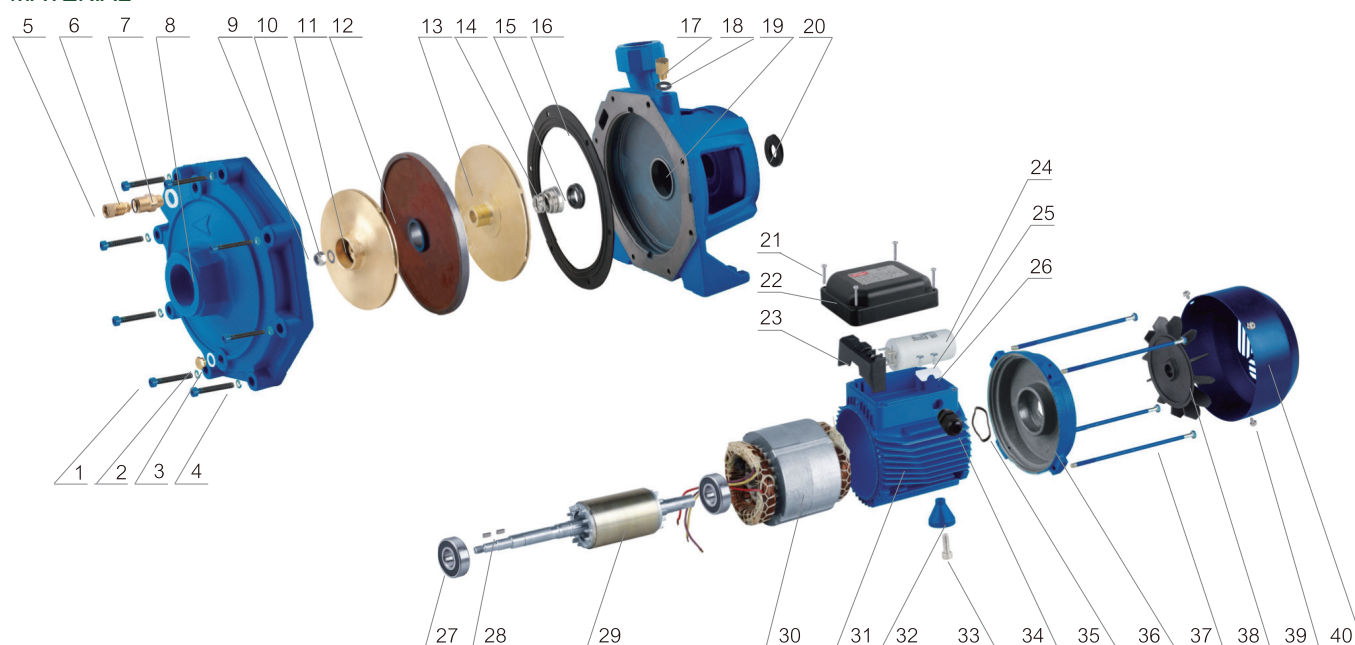


YDSM2 SERIES

60 HZ

GENERAL DATA

MATERIAL



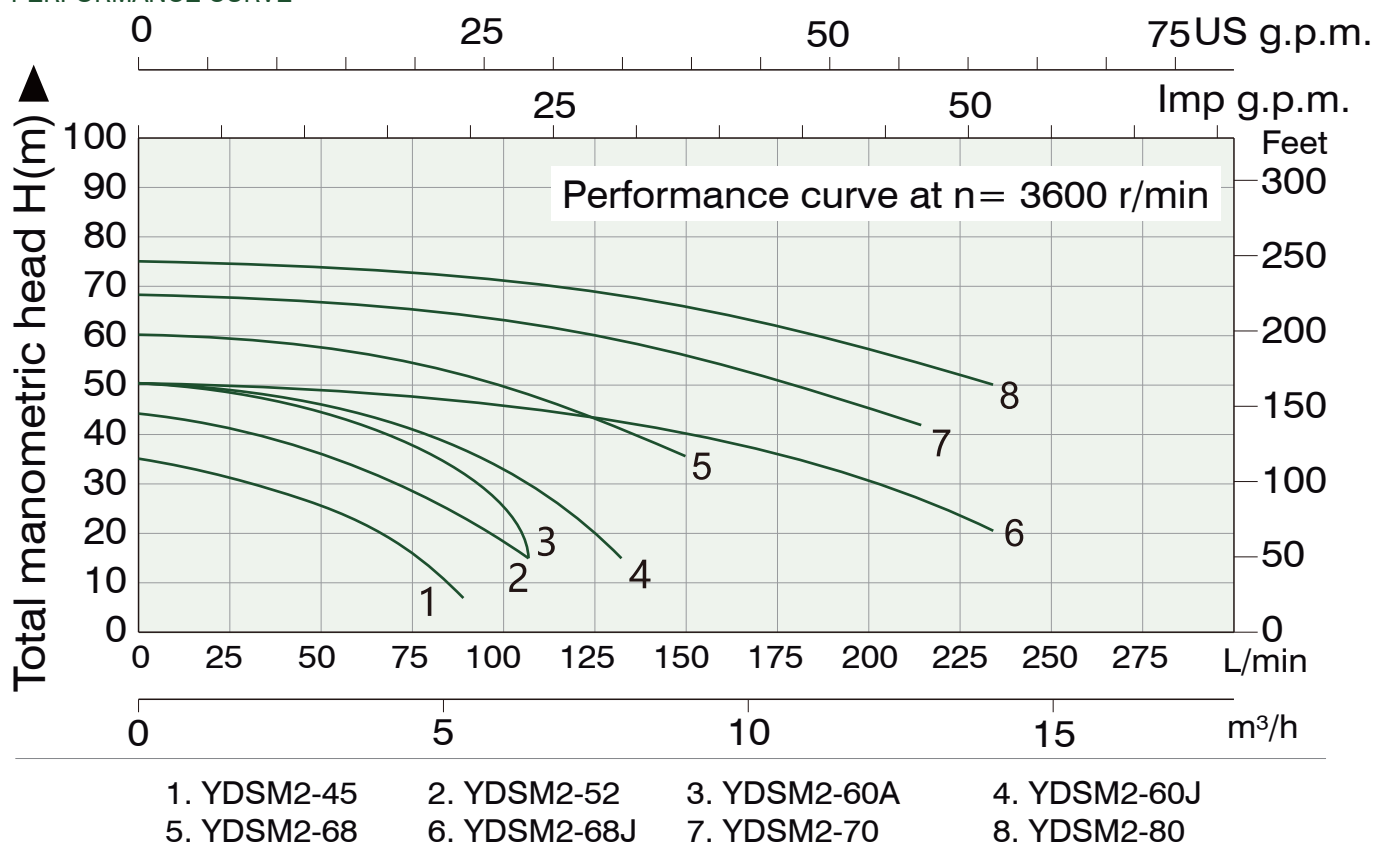
NO.	DESCRIPTION	NO.	DESCRIPTION
1	Screw for pump body.	21	Screw for terminal cover.
2	Drain plug.	22	Terminal cover.
3	“O” Ring for drain plug.	23	Terminal board.
4	“O” Ring for pump body screw.	24	Capacitor.
5	Filing plug 1 top.	25	Screw for cable presser.
6	Filing plug 1 base.	26	Cable presser.
7	“O” Ring for fulling plug.	27	Ball bearing.
8	Pump body.	28	Key.
9	Nut for impeller/Impeller stop nut	29	Shaft and rotor.
10	Plain washer.	30	Stator with winding.
11	Impeller.	31	Motor housing.
12	Holding disc.	32	Foot.
13	Impeller.	33	Screw for foot.
14	Mechanical seal moving part.	34	Cable gland.
15	Mechanical seal static part.	35	Adjustiong ring.
16	Pump cover gasket.	36	Motor end cover.
17	Filling plug 2.	37	Motor tie-rod.
18	“O” Ring for fulling plug.	38	Fan.
19	Front cover.	39	Screw for fan cover.
20	Splash guard.	40	Fan cover.

YDSM2 SERIES

60 HZ

TECNICAL DATA

PERFORMANCE CURVE

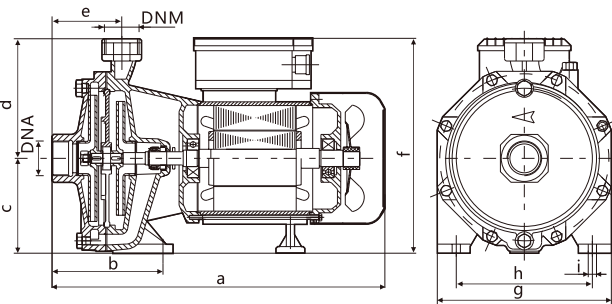


TECHNICAL DATA (220~240V/60Hz)

MODEL		SINGLE-PHASE MOTOR				n=3600 r/min			DIMENSIONS (mm)			
		INPUT MAX	OUTPUT POWER		CURRENT	Q.max	H.max	Suct.max	DNA		DNM	
			kW	HP					Inch	mm	Inch	mm
YDSM2-45	CB100	1.1	0.75	1.0	5.2	90	35	9	1"	25	1"	25
YDSM2-52	CB160	1.5	1.1	1.5	7.0	105	45		1.25"	32	1"	25
YDSM2-60A	-	2.0	1.5	2.0	9.6	105	50		1.25"	32	1"	25
YDSM2-60J	CB210	2.0	1.5	2.0	9.6	130	50		1.25"	32	1"	25
YDSM2-68	CB310	2.9	2.2	3.0	13.9	150	60		1.5"	40	1.25"	32
YDSM2-68J	-	2.9	2.2	3.0	13.9	235	50		2"	50	2"	50
YDSM2-70T	CB400	4.5	3	4.0	7.65	215	68		2"	40	1.25"	32
YDSM2-80T	CB600	5.5	4	4.5	9.45	235	75		2"	50	1.25"	32

Other voltages and frequencies available on request.

OVERALL & INSTALLATION DIMENSIONS



MODEL	DIMENSIONS (mm)									
	A	B	C	D	E	F	G	H	I	J
YDSM2-45	379	135	110	153	84	263	225	185	11	-
YDSM2-52	400	140	115	148	86	256	210	165	10	-
YDSM2-60A	400	140	115	148	86	256	210	165	10	-
YDSM2-60J	400	140	115	148	86	256	210	165	10	-
YDSM2-68	450	160	140	175	90	320	240	200	14	-
YDSM2-68J	450	160	140	175	90	320	240	200	14	-
YDSM2-70	502	145	136	184	96	270	266	212	14	-
YDSM2-80	502	145	136	184	96	270	266	212	14	-



WATER PUMPS

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