

**SERIES DESCRIPTION: MAGGIO MCS2 SERIES - DUAL STAGE PUMP**



**Pump Design**

Non Self-Priming Dual Stage Centrifugal Pump

**Application**

- ✘ Cooling Water System
- ✘ Sprinkler System
- ✘ Living Water Supply
- ✘ Industrial Water Supply
- ✘ Garden Irrigation

**Type Key**

Example:	<b>MCS2-45</b>
MCS2	Dual Stage Pump
45	Pump code number

**Technical Data**

- ✘ Max. Flow (Q): 150L/min
- ✘ Max. Head (H): 60m
- ✘ Max. Suction Pressure: 9m
- ✘ Max. Liquid Temperature: + 60°C
- ✘ Max. Ambient Temperature: +40°C

**Electric Motor Data (Standard Supply)**

- ✘ IEC Standard
- ✘ Insulation Class: F
- ✘ Enclosure Class: IP54
- ✘ Standard Voltage:  
1ph/220V-240V/50Hz
- ✘ Speed: 2900rpm

**Construction Design**

Maggio MCS2 series are non self-priming horizontal dual stage centrifugal pumps built with axial suction and vertical discharge in which both connections are threaded type connections. Pump shaft and motor shaft of the IEC-standard motor are directly closed coupled. The shaft seal type is mechanical seal for all range of the pumps. MCS2 pumps have 5 different pump sizes to provide the flow and the pressure required.

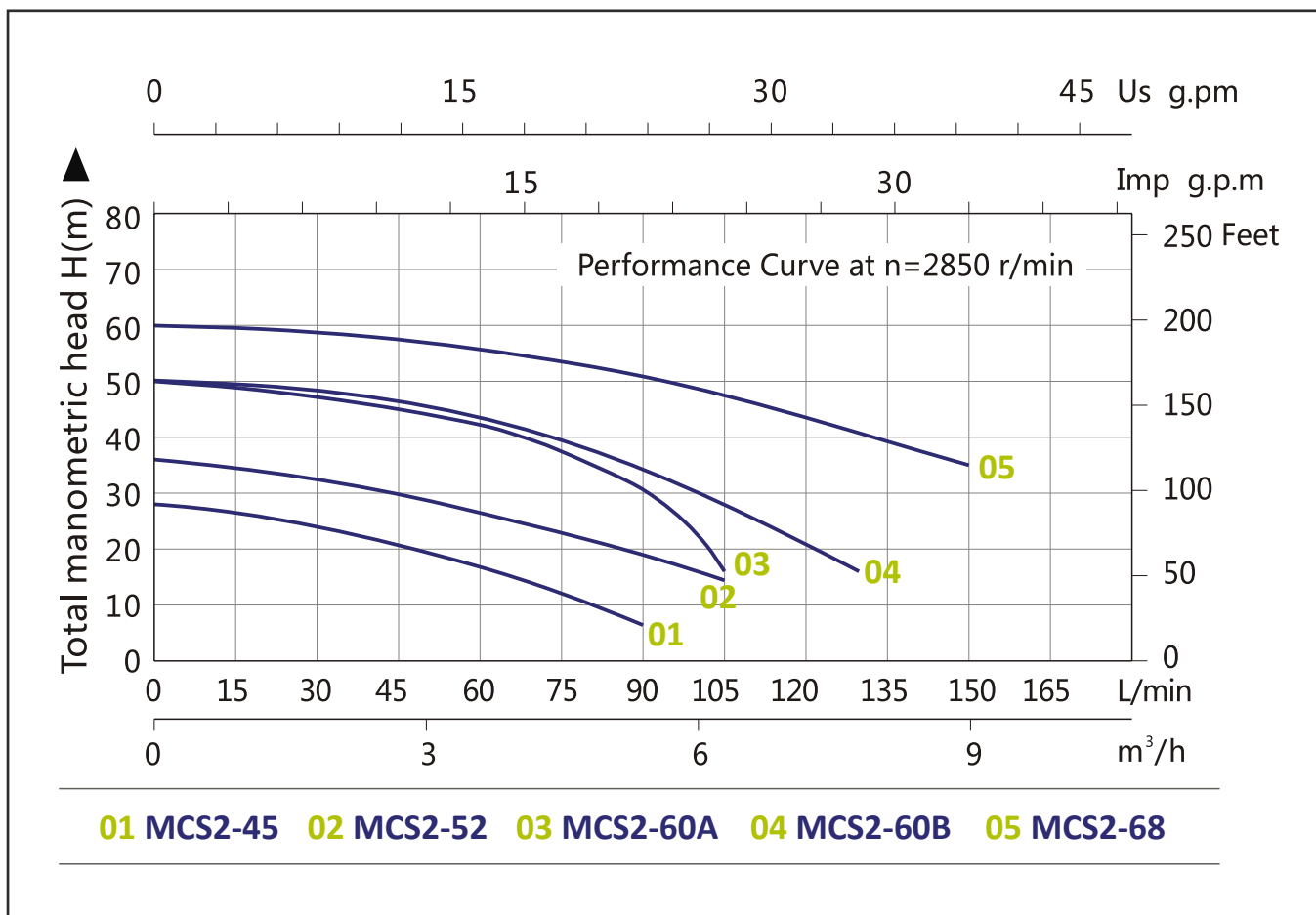
**Hydraulic Parts Material (Standard)**

- ✘ Pump body is made up of cast iron
- ✘ Impeller is made up of brass
- ✘ Shaft is made up of carbon steel or stainless steel
- ✘ Standard material of mechanical seal is Carbon/Ceramic/Stainless Steel



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**Performance Curve**



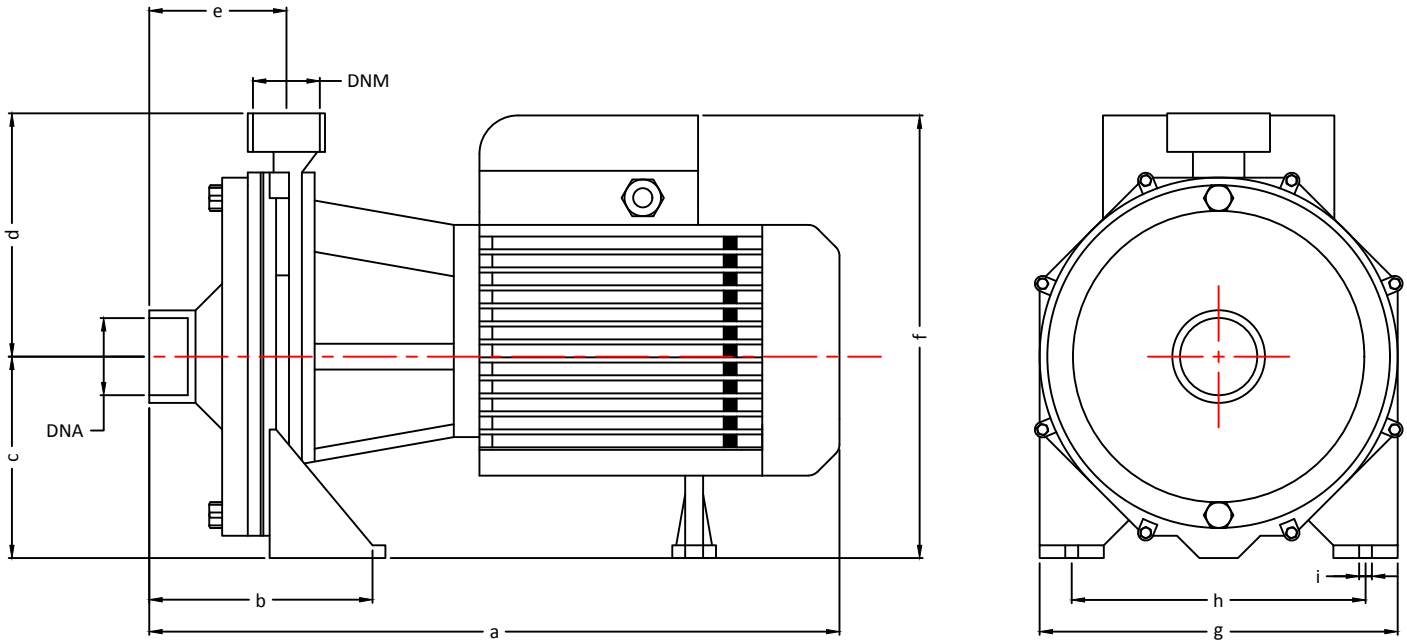
Model	Single-phase Motor			n = 2900r/min		
	Motor Power		Current	Q. Max.	H. Max.	Suction Max.
	kW	HP	A	L/min	m	m
MCS2-45	0.75	1.0	5.2	90	35	9
MCS2-52	1.1	1.5	7.0	105	45	
MCS2-60A	1.5	2.0	9.6	105	50	
MCS2-60B	1.5	2.0	9.6	130	50	
MCS2-68	2.2	3.0	13.9	150	60	



**MAGGIO**

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**Dimensions**



Model	Dimensions (mm)												Gross Weight (kg)
	DNA	DNM	a	b	c	d	e	f	g	h	i	j	
MCS2-45	30	25	379	135	110	153	84	263	225	185	11	-	18.8
MCS2-52	30	25	400	140	115	148	86	256	210	165	10	-	23.5
MCS2-60A	30	25	400	140	115	148	86	256	210	165	10	-	25.0
MCS2-60B	40	40	400	140	115	148	86	256	210	165	10	-	25.0
MCS2-68	40	30	450	160	140	175	90	320	240	200	14	-	31.0