

Submittal Data

PROJECT:	UNIT TAG:	QUANTITY:
REPRESENTATIVE: _____	TYPE OF SERVICE:	DATE: _____
ENGINEER:	SUBMITTED BY:	DATE:
CONTRACTOR:	APPROVED BY:	DATE:
	ORDER NO.:	DATE:

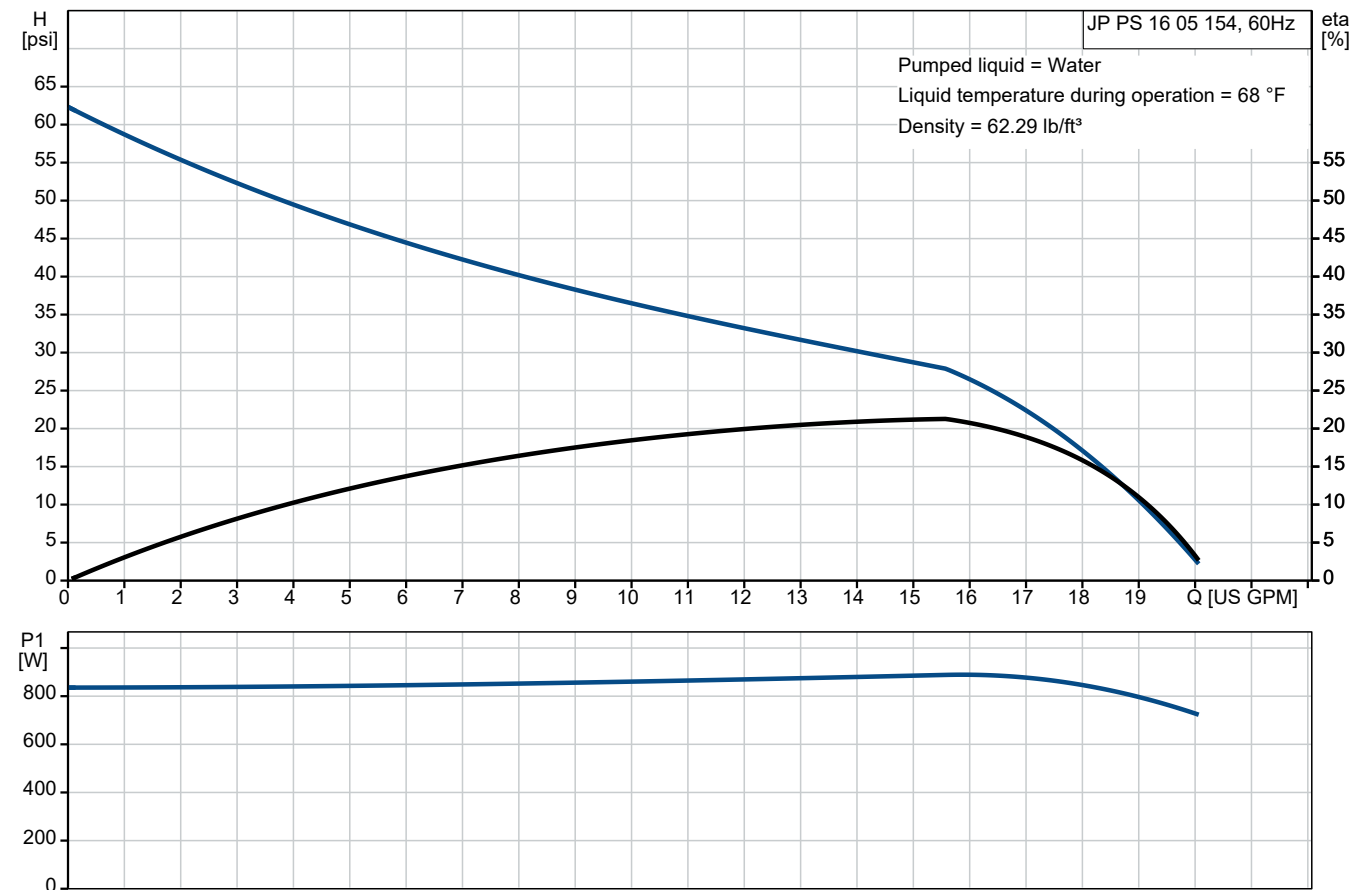
JP PS 16 05 154



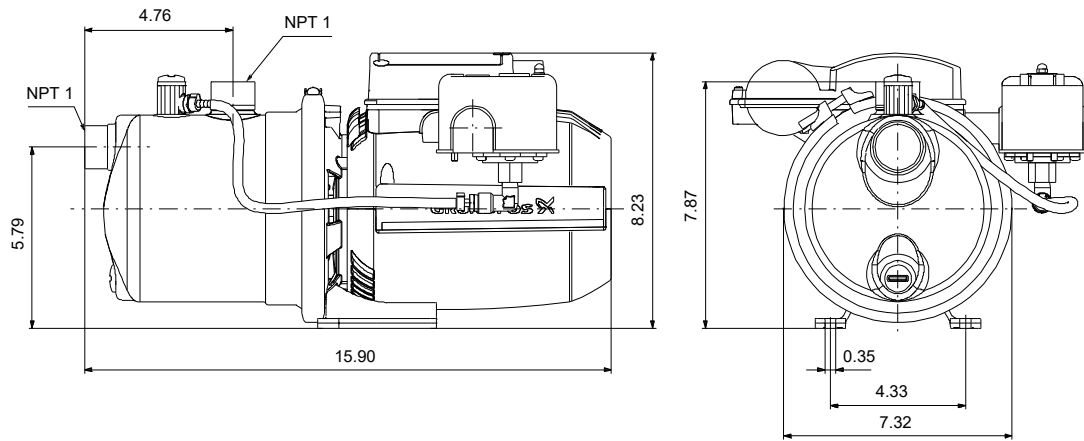
Jet Pumps are self-priming single-stage centrifugal pumps. The pumps are designed for various garden and domestic applications, including water supply and transfer duties.

Note! Product picture may differ from actual product

Conditions of Service	Pump Data	Motor Data
Efficiency: %	Liquid temperature range: 32 .. 104 °F	Mains frequency: 60 Hz
Liquid: Water	Maximum ambient temperature: 104 °F	Enclosure class: IP44
Temperature: 68 °F	Shaft seal: BBVP	
NPSH required: psi	Product number: 99463939	
Specific Gravity: 1.000		



Submittal Data

**Materials:**

Pump housing: Stainless steel
AISI 304

Impeller: Composite

Material code: A

Qty.	Description
1	JP PS 16 05 154  Note! Product picture may differ from actual product Product No.: 99463939 Grundfos JP PS is a self-priming single-stage centrifugal jet pump with axial inlet and radial outlet for easy adaption to local pipe system. With its excellent suction capacity, the JP pump is ideal for transferring water from wells or ground tanks in a large variety of installations. It features an integrated pressure switch that automatically starts the pump according to demand. We recommend adding a diaphragm tank, which increases system comfort by compensating for pressure drops when a tap is opened. A diaphragm tank moreover reduces problems with water hammer in the pipes. The JP pump is designed for smooth, long-term operation. The overall design is robust with excellent corrosion resistance thanks to the stainless-steel pump housing, composite impeller and paint application by electrophoresis. The compact design features a built-in ejector with guide vanes. This ensures optimum self-priming properties, featuring a suction lift of up to 8 metres. The self-priming pump also ensures stable operation as it is able to lift liquid from below the inlet level and can handle a mix of air and liquid until the pump reaches fully-primed pumping condition. The JP pump has built-in thermal protection, which immediately stops the pump if it overheats. The motor is air cooled and equipped with oversized, sealed, greased-for-life ball bearings to ensure silent operation and minimum service. Controls: Type of connector: No plug Liquid: Pumped liquid: Water Liquid temperature range: 32 .. 104 °F Selected liquid temperature: 68 °F Density: 62.29 lb/ft³ Technical: Rated flow: 17.6 US GPM Rated head: 55.37 psi Primary shaft seal: BBVP Code for shaft seal: BBVP Approvals: CSA,cULus Curve tolerance: ISO9906:2012 3B



Company name:

Created by:

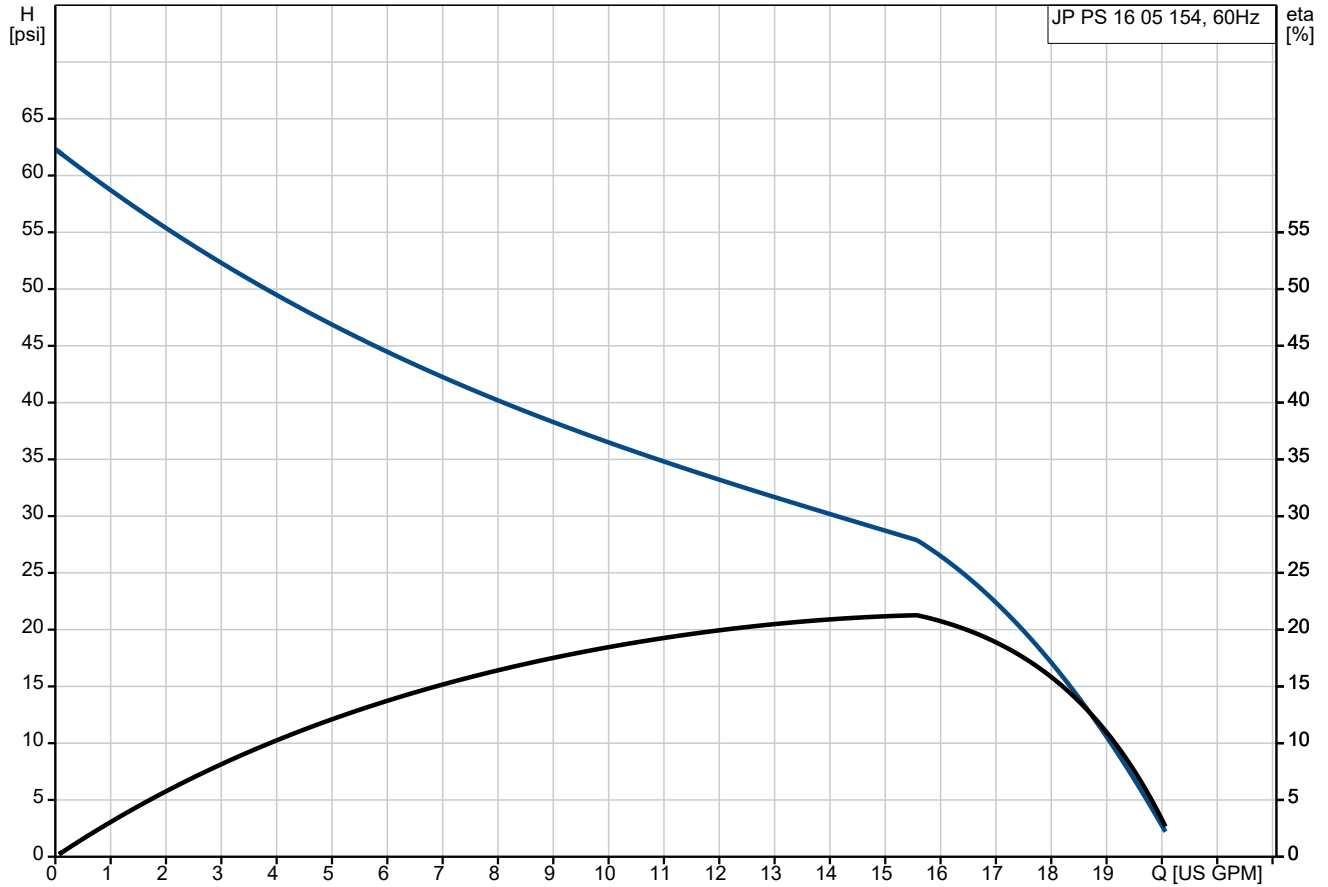
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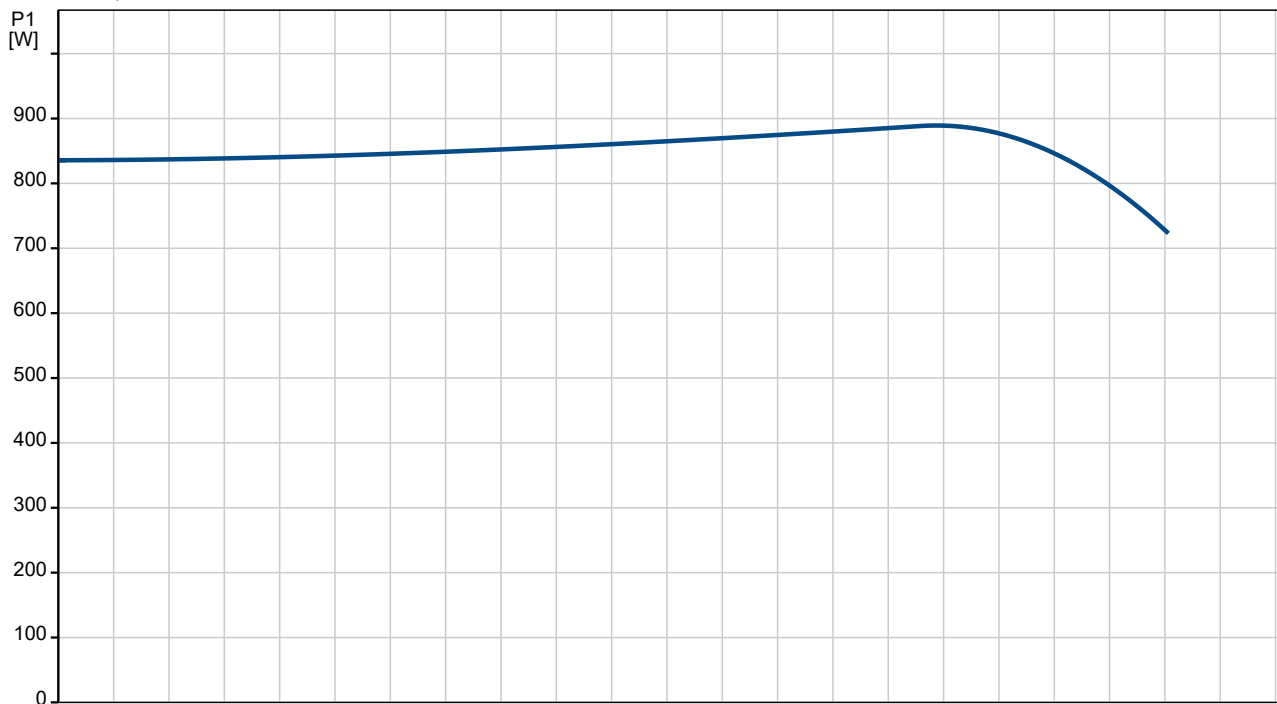
22/10/2025

Qty.	Description
1	Materials: Pump housing: Stainless steel EN 1.4301 AISI 304 Impeller: Composite PPO-20GF Installation: Range of ambient temperature: 32 .. 104 °F Maximum operating pressure: PN 6 bar Pipe connection standard: ANSI B1.20.1 Type of inlet connection: NPT(F) Type of outlet connection: NPT(F) Size of inlet connection: 1 inch Size of outlet connection: 1 inch Pressure rating for connection: PN 6 Electrical data: Power input P1: 930 W Rated power - P2: 0.5 HP Mains frequency: 60 Hz Rated voltage: 1 x 115/230 V Rated current: 8.2 / 4.2 A Capacitor size - run: 50 µF/250 V Enclosure class (IEC 34-5): IP44 Insulation class (IEC 85): F Length of cable: 4.92 ft Power plug: NONE Others: Net weight: 51.6 lb Gross weight: 59.3 lb Country of origin: CN Custom tariff no.: 8413.70.2022

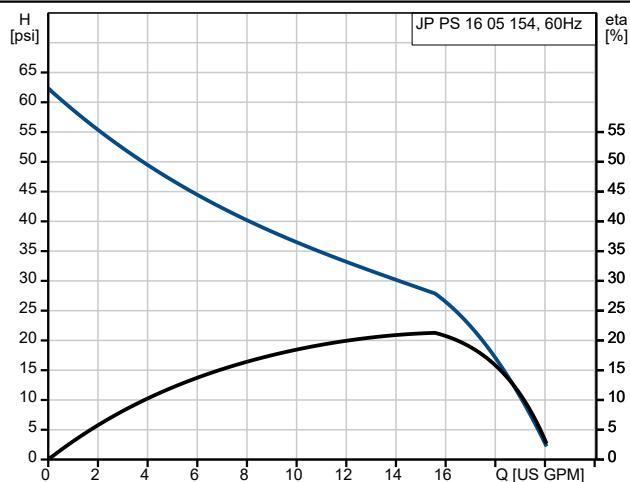
99463939 JP PS 16 05 154 60 Hz



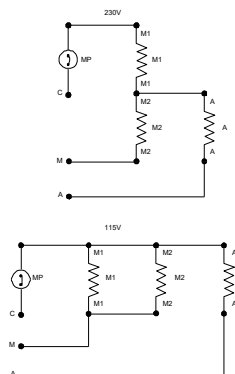
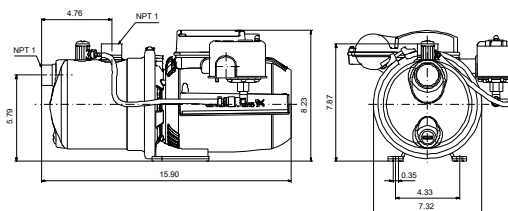
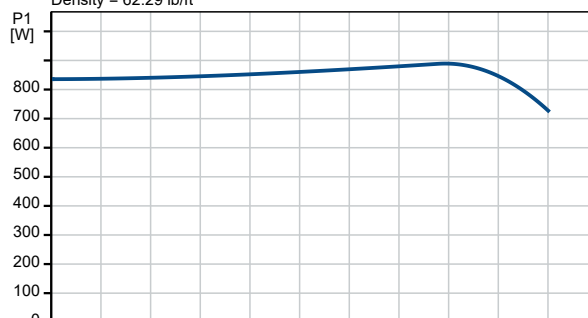
Pumped liquid = Water
 Liquid temperature during operation = 68 °F
 Density = 62.29 lb/ft³



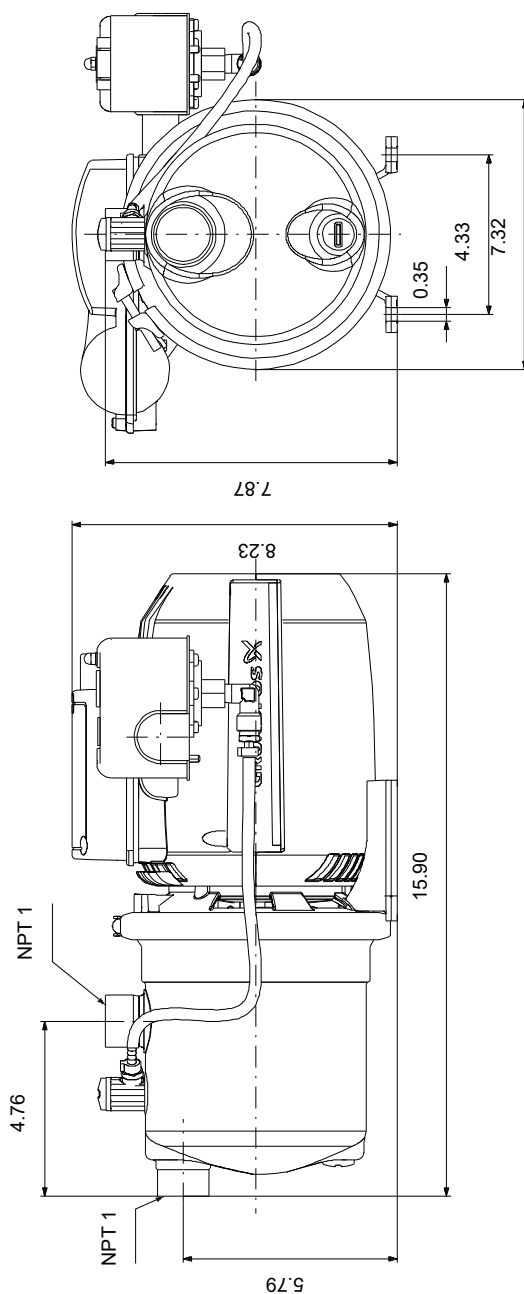
Description	Value
General information:	
Product name:	JP PS 16 05 154
Product No:	99463939
EAN number:	5713829543096
Technical:	
Rated flow:	17.6 US GPM
Rated head:	55.37 psi
Maximum head:	62.47 psi
Primary shaft seal:	BBVP
Code for shaft seal:	BBVP
Approvals:	CSA,cULus
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	A
Materials:	
Pump housing:	Stainless steel
	EN 1.4301
	AISI 304
Impeller:	Composite
	PPO-20GF
Material code:	A
Installation:	
Range of ambient temperature:	32 .. 104 °F
Maximum operating pressure:	PN 6 bar
Pipe connection standard:	ANSI B1.20.1
Type of inlet connection:	NPT(F)
Type of outlet connection:	NPT(F)
Size of inlet connection:	1 inch
Size of outlet connection:	1 inch
Pressure rating for connection:	PN 6
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	32 .. 104 °F
Selected liquid temperature:	68 °F
Density:	62.29 lb/ft³
Electrical data:	
Power input P1:	930 W
Rated power - P2:	0.5 HP
Mains frequency:	60 Hz
Rated voltage:	1 x 115/230 V
Rated current:	8.2 / 4.2 A
Capacitor size - run:	50 µF/250 V
Enclosure class (IEC 34-5):	IP44
Insulation class (IEC 85):	F
Length of cable:	4.92 ft
Power plug:	NONE
Controls:	
Type of connector:	No plug
Others:	
Net weight:	51.6 lb
Gross weight:	59.3 lb
Country of origin:	CN
Custom tariff no.:	8413.70.2022



Pumped liquid = Water
Liquid temperature during operation = 68 °F
Density = 62.29 lb/ft³

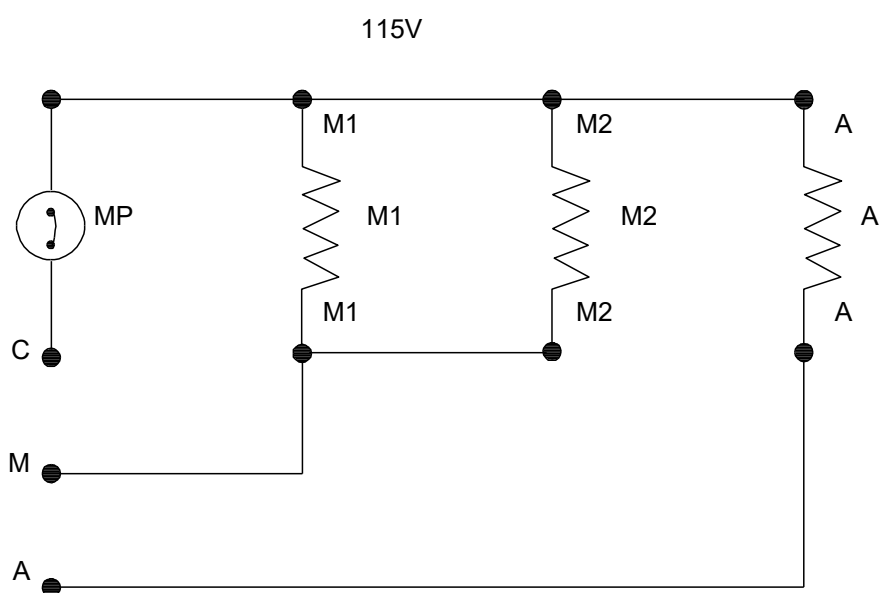
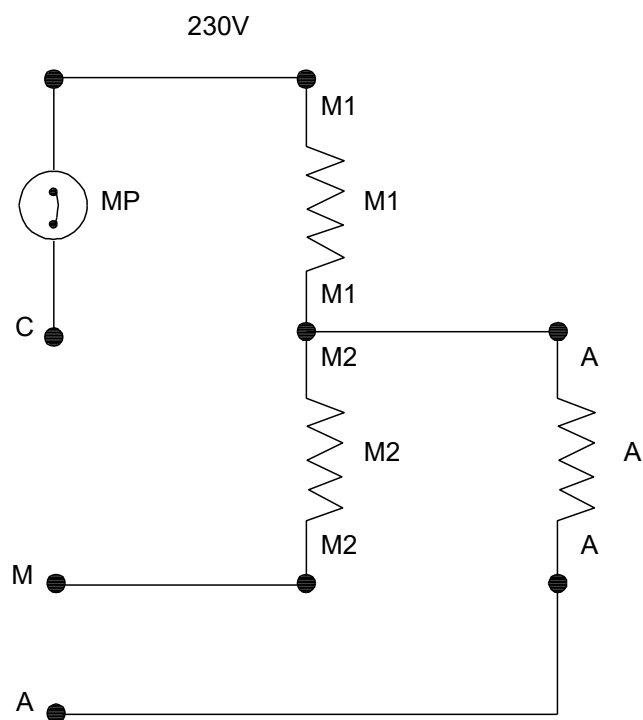


99463939 JP PS 16 05 154 60 Hz



Note! All units are in [in] unless others are stated.
Disclaimer: This simplified dimensional drawing does not show all details.

99463939 JP PS 16 05 154 60 Hz



Note! All units are in [in] unless others are stated.