

**((MULTI- STAGE DOUBLE- SUCTION
AXIAL SPLIT CASE PUMPS))
(BB3)**

- **Power:** 200 kw to 5 MGW
- **Capacity:** 30 to 600 l/s
- **Head:** 200 to 800 m





Centerage

Manufacturer of all kinds of
Industrial, Agricultural
Oil, Gas & Petrochemical Pumps



Profile

» Product

Centerage High-Pressure multistage double suction pumps in a horizontal or vertical, applicable for handling clean liquids as well as slightly contaminated media such as; cold & hot water, condensate, oil, brine and acid suspension, booster system, pressurization in high-rises, fire fighting, cooling circuits, boiler, feeds and so on.

» Denomination

	MM 60/6
Product code	MM 60/8
	MM 60/10
	MM 60/12
Suction	3 inch
Discharge	2 ½ inch

» Process data

Liquid temperature	Max 140°C
Casing pressure	Max 120 bar
The PH of the liquid	PH 5-8
Liquid density	Max 1100kg/m ³

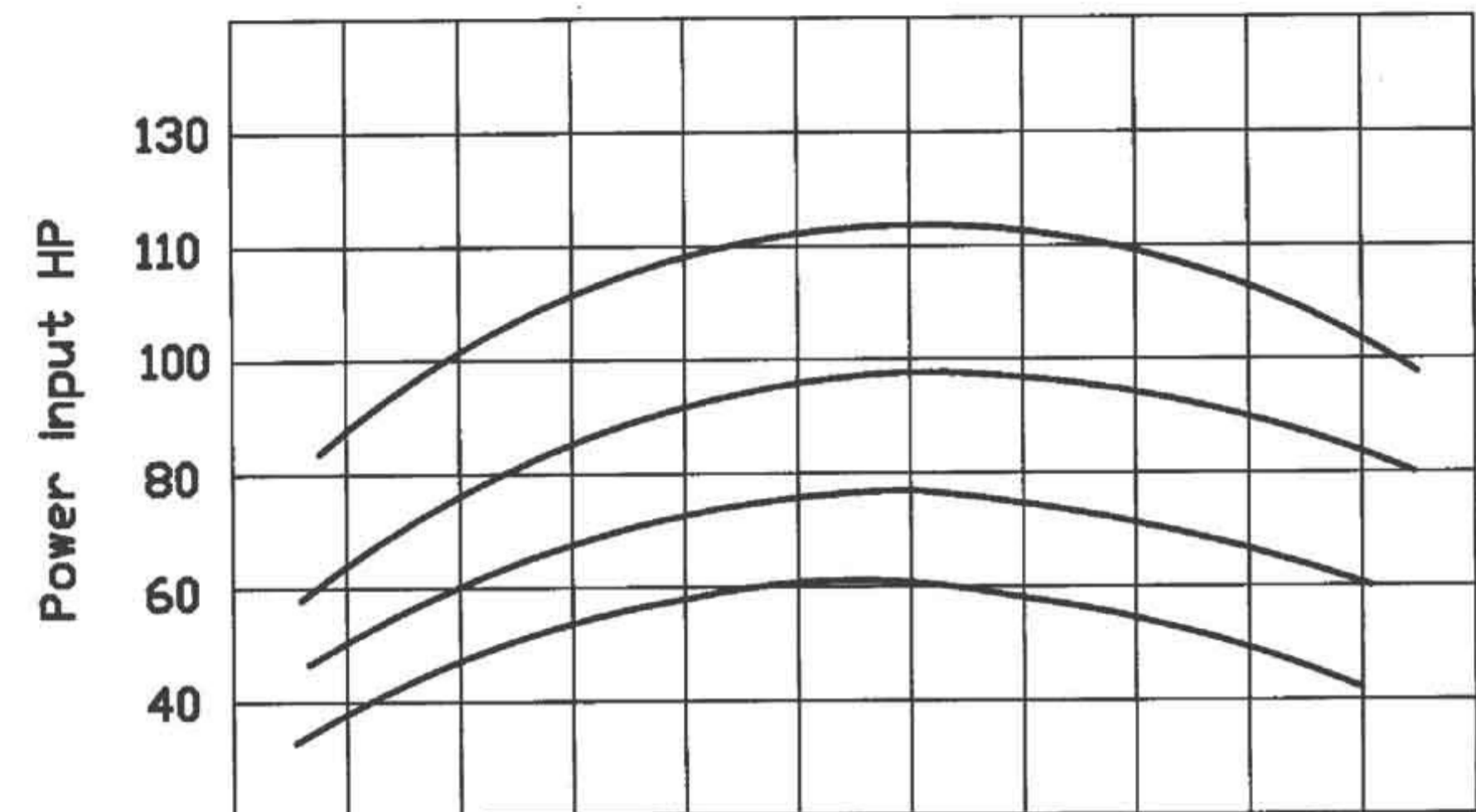
» Accessories

Base frame, coupling, coupling guard, motors, speed control and also special accessories to meet customer requirements on motors.

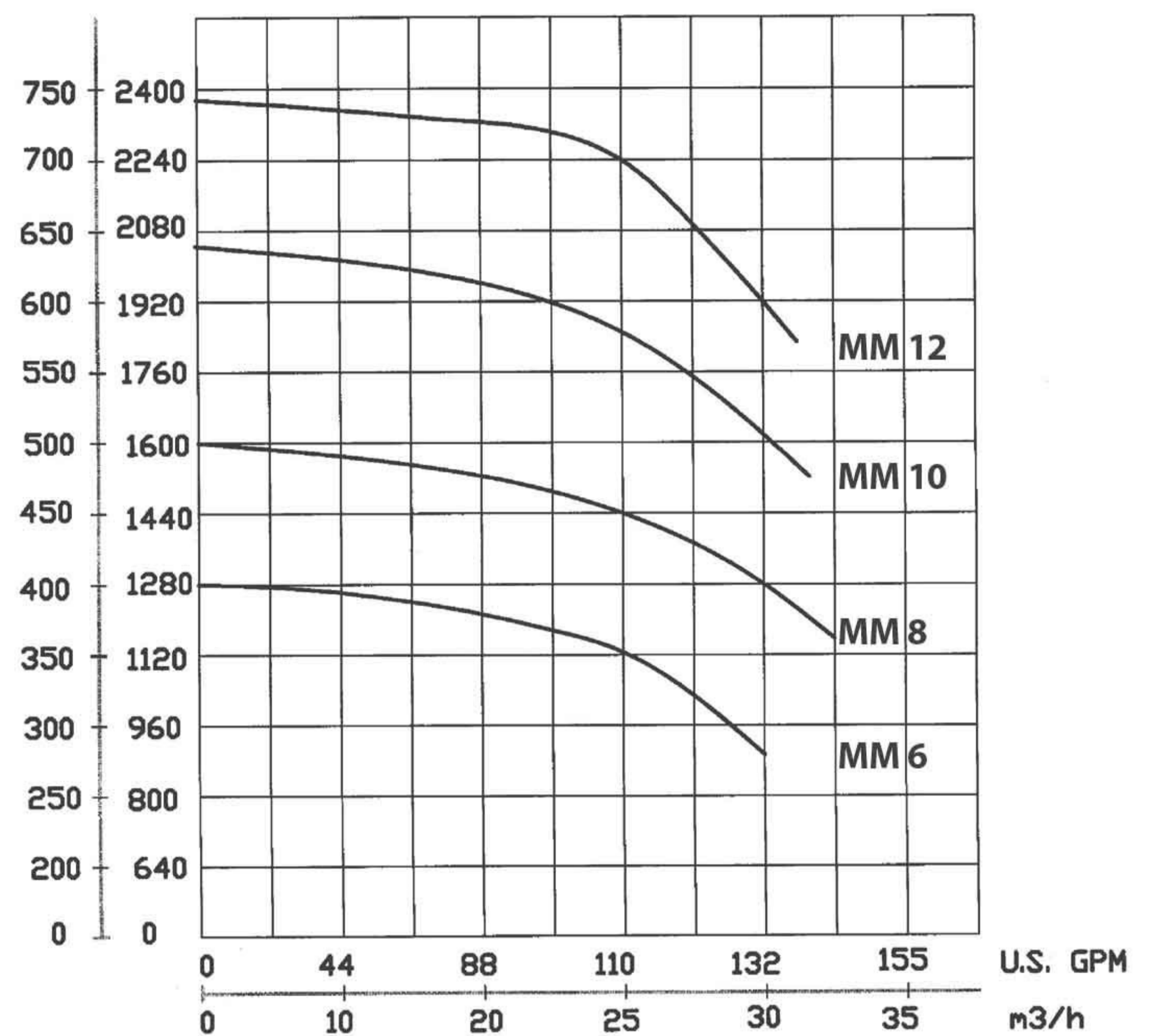
» High-Pressure Multistage Double Suction Split Casing Pump 60

MM 60/6
MM 60/8
MM 60/10
MM 60/12

50 Hz-2950 rpm



(m) (ft)



» Material

Stage casing	C. Steel
Suction casing	C. steel
Discharge casing	C. steel
Impeller	Stainless steel (304)
Casing wear rings	Stainless steel (304)
Shaft	Stainless steel (304)
O-ring	EPDM (up to 140°C) or Viton

» Mechanical face seals

Carbon/sic mechanical seal or in special cases gland packing, and also cartridge mechanical seal (acc. to API 610/10th)

» Rating

Speed of rotation	2950 rpm
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Profile

» Product

Centerage High-Pressure multistage double suction pumps in a horizontal or vertical, applicable for handling clean liquids as well as slightly contaminated media such as; cold & hot water, condensate, oil, brine and acid suspension, booster system, pressurization in high-rises, fire fighting, cooling circuits, boiler, feeds and so on.

» Denomination

	MM 80/4
Product code	MM 80/6
	MM 80/8
Suction	4 inch
Discharge	3 inch

» Process data

Liquid temperature	Max 140°C
Casing pressure	Max 120 bar
The PH of the liquid	PH 5-8
Liquid density	Max 1100kg/m ³

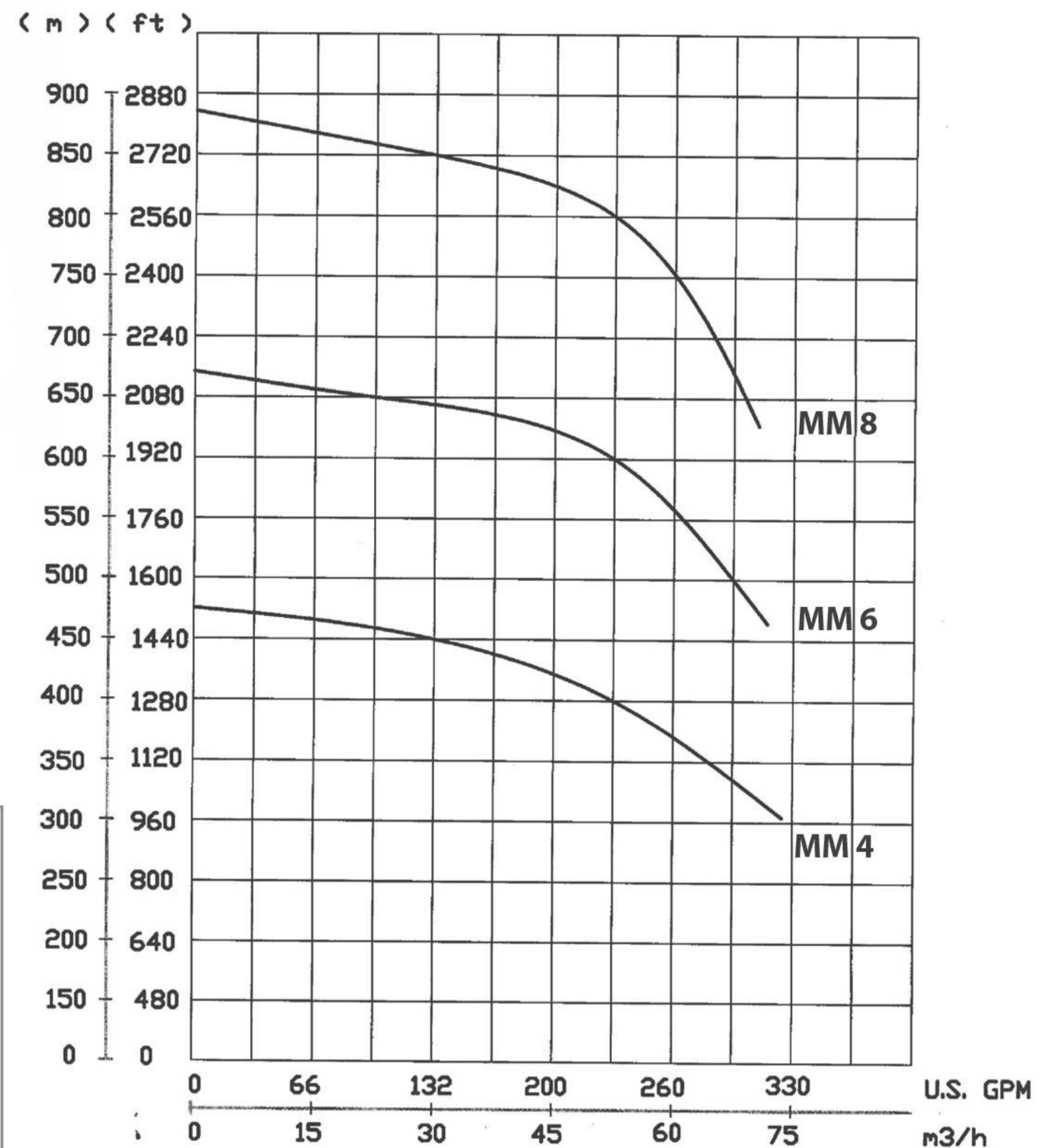
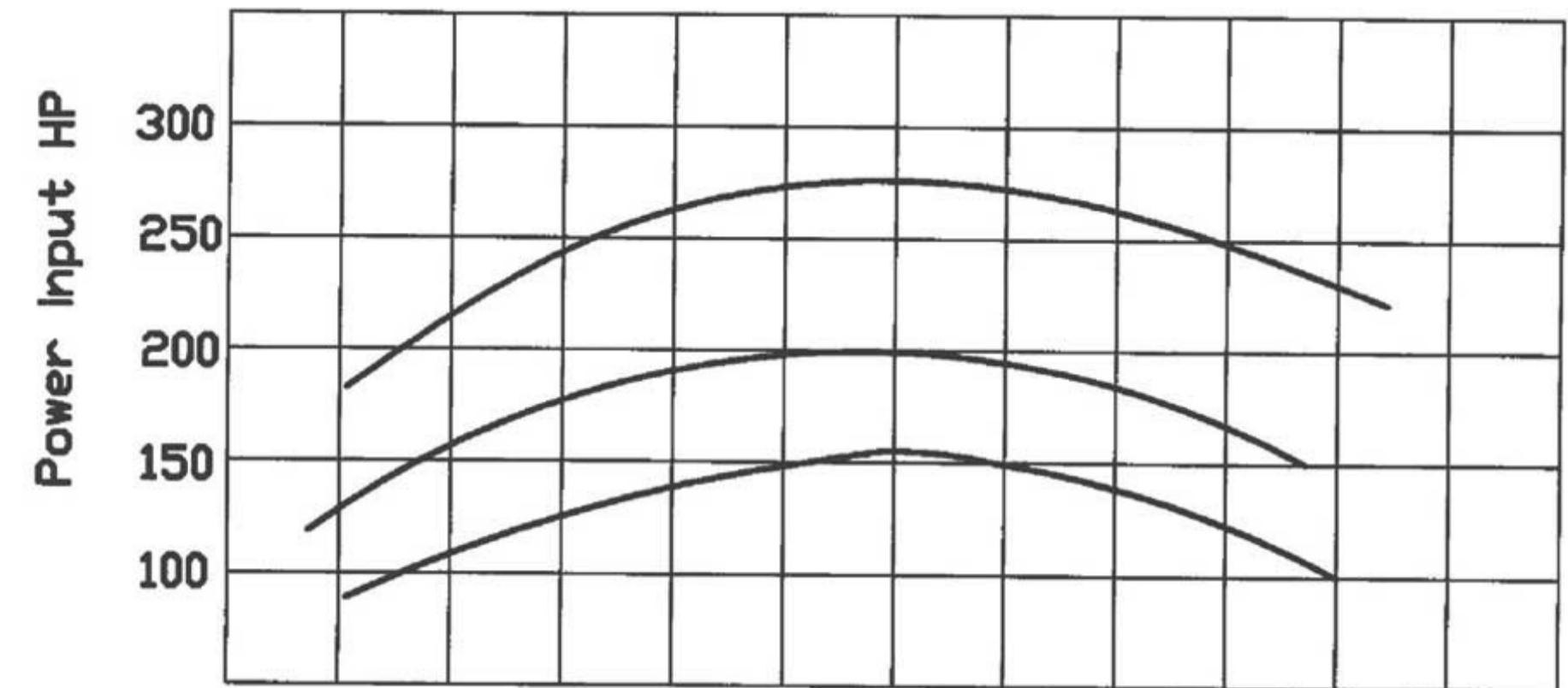
» Accessories

Base frame, coupling, coupling guard, motors, speed control and also special accessories to meet customer requirements on motors.

» High-Pressure Multistage Double Suction Split Casing Pump 80 series

MM 80/4
MM 80/6
MM 80/8

50 Hz-2950 rpm



» Material

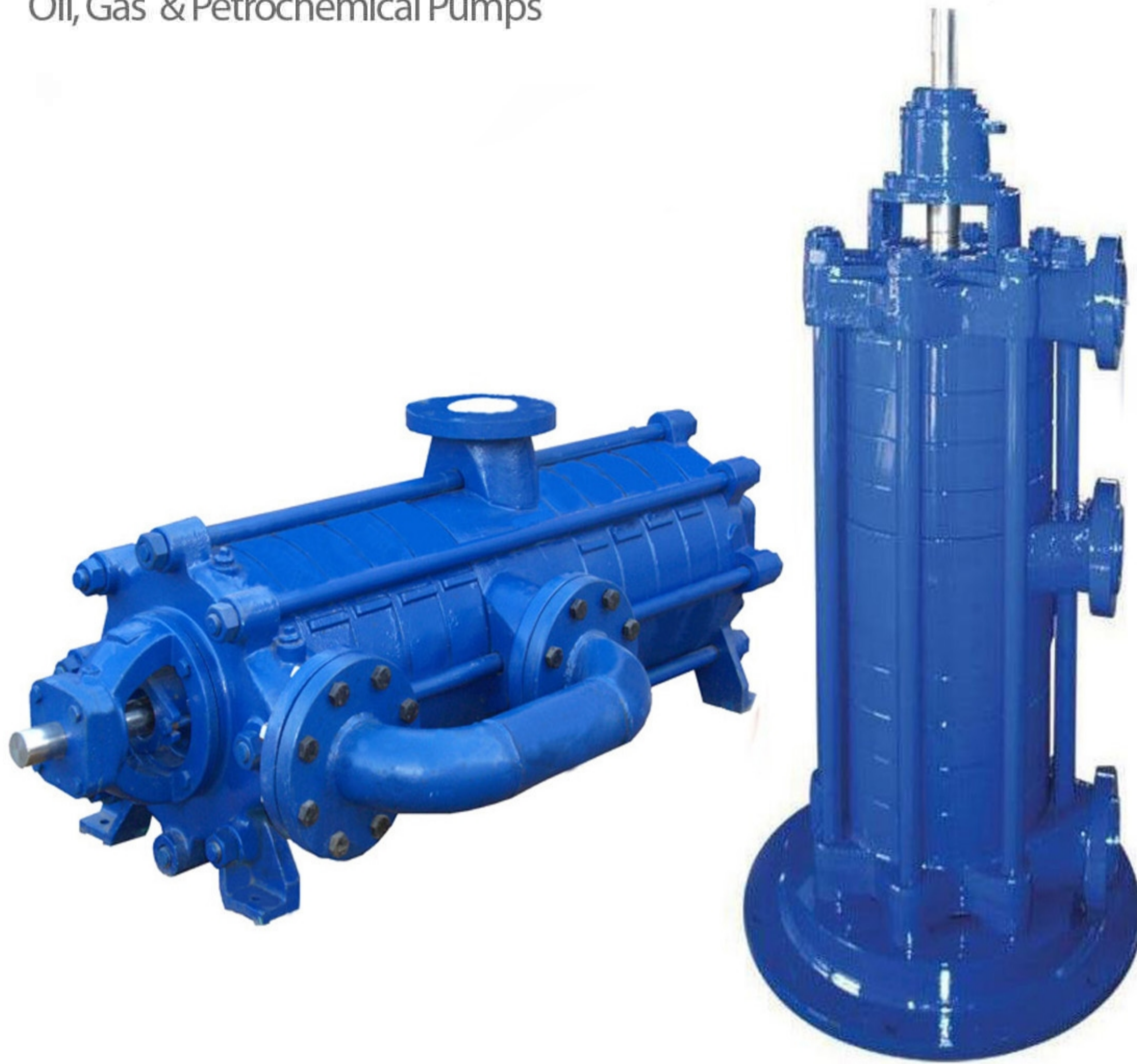
Stage casing	C. Steel
Suction casing	C. steel
Discharge casing	C. steel
Impeller	Stainless steel (304)
Casing wear rings	Stainless steel (304)
Shaft	Stainless steel (304)
O-ring	EPDM (up to 140°C) or Viton

» Mechanical face seals

Carbon/sic mechanical seal or in special cases gland packing, and also cartridge mechanical seal (acc. to API 610/10th)

» Rating

Speed of rotation	2950 rpm
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Profile

» Product

Centerage High-Pressure multistage double suction pumps in a horizontal or vertical, applicable for handling clean liquids as well as slightly contaminated media such as; cold & hot water, condensate, oil, brine and acid suspension, booster system, pressurization in high-rises, fire fighting, cooling circuits, boiler, feeds and so on.

» Denomination

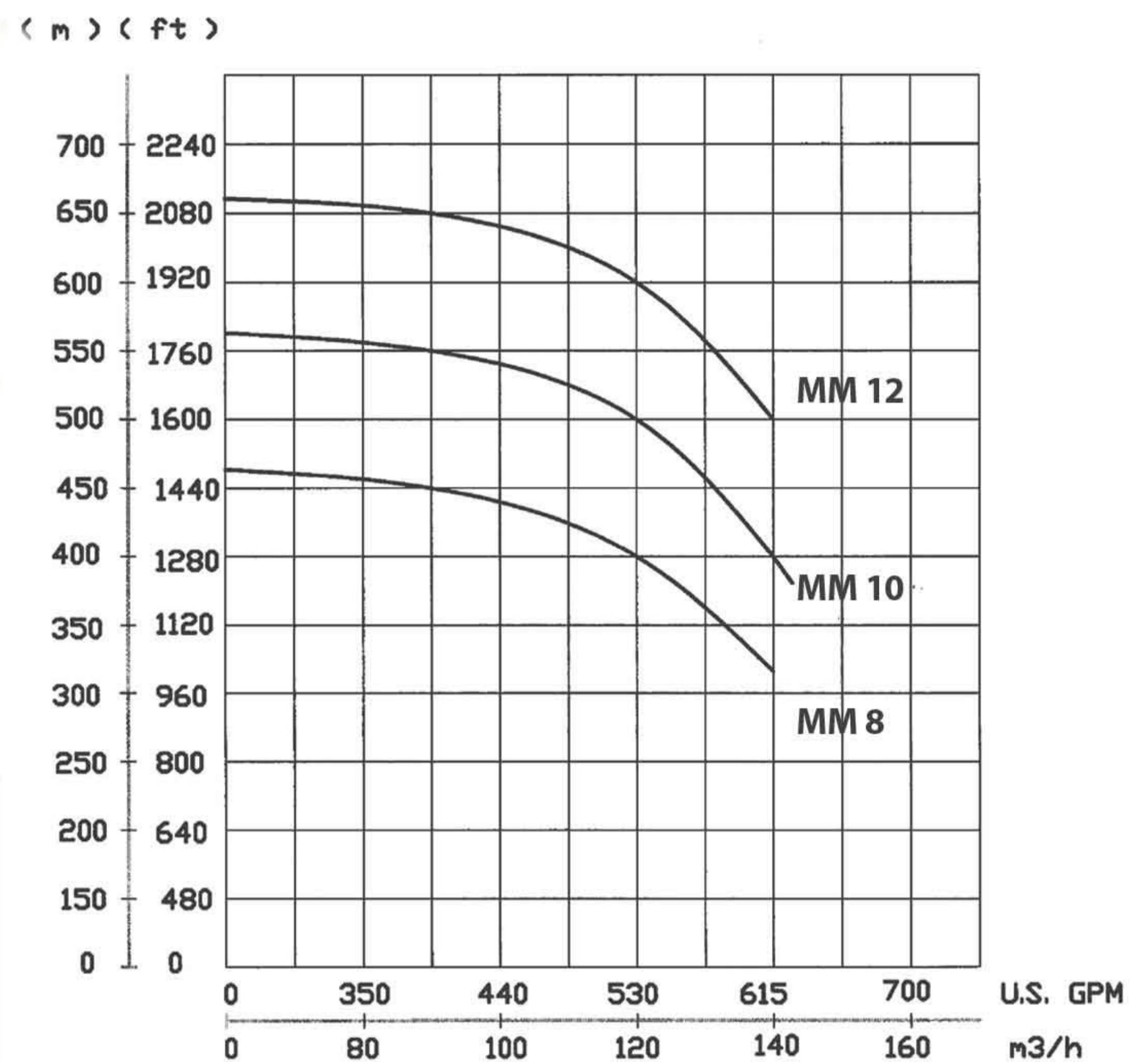
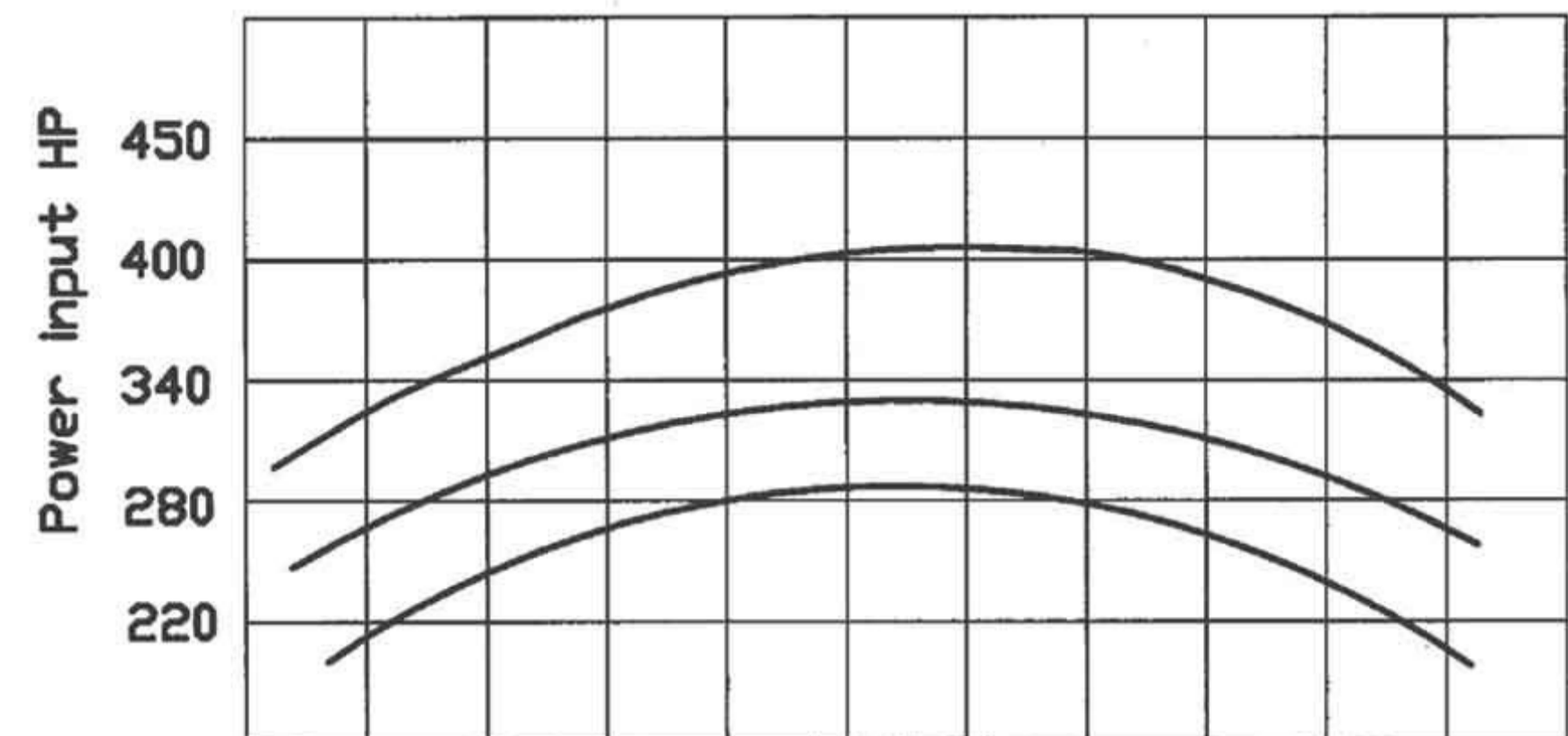
Product code	MM 125/8 MM 125/10 MM 125/12
Suction	8 inch
Discharge	6 inch

» Process data

Liquid temperature	Max 140°C
Casing pressure	Max 120 bar
The PH of the liquid	PH 5-8
Liquid density	Max 1100kg/m ³

» Accessories

Base frame, coupling, coupling guard, motors, speed control and also special accessories to meet customer requirements on motors.



» Material

Stage casing	C. Steel
Suction casing	C. steel
Discharge casing	C. steel
Impeller	Stainless steel (304)
Casing wear rings	Stainless steel (304)
Shaft	Stainless steel (304)
O-ring	EPDM (up to 140°C) or Viton

» Mechanical face seals

Carbon/sic mechanical seal or in special cases gland packing, and also cartridge mechanical seal (acc. to API 610/10th)

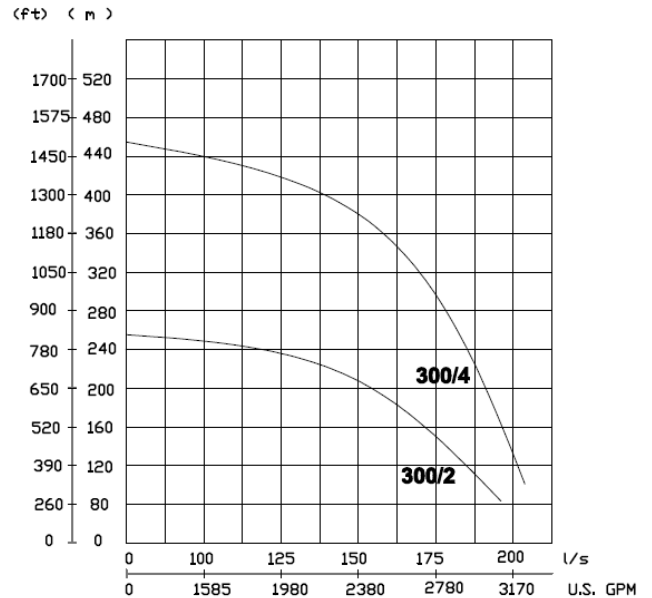
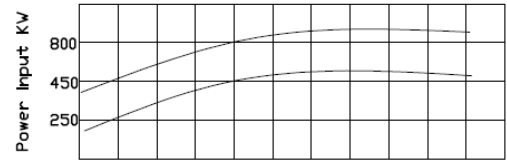
» Rating

Speed of rotation	1450 rpm
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CENTERAGE CO.

**High-Pressure Multistage Double Suction
Split Casing Pump 300 series
MM 300/2/500
MM 300/4/1000 50 Hz-1450 rpm**

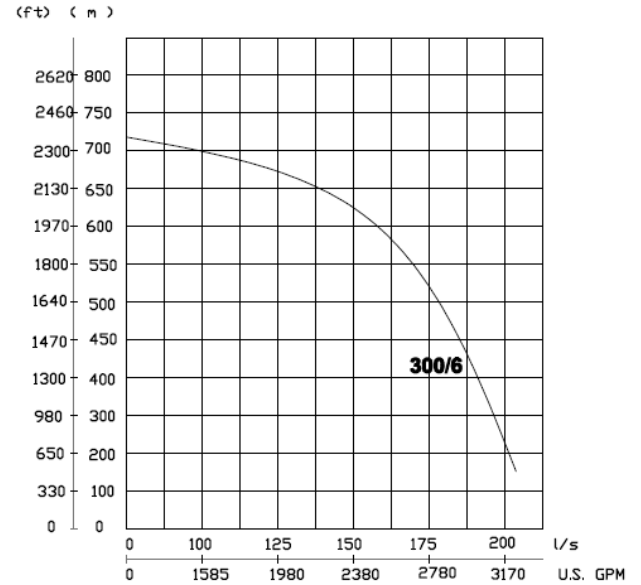
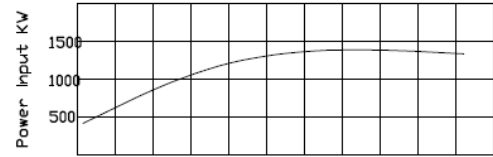


Product		Material	
Centerage High-Pressure multistage double suction pumps in a horizontal or vertical, applicable for handling clean liquids as well as slightly contaminated media such as; cold & hot water, condensate, oil, brine and acid suspension, booster system, pressurization in high-rises, fire fighting, cooling circuits, boiler, feeds and so on.		Stage casing	C. Steel
		Suction casing	C. steel
		Discharge casing	C. steel
		Impeller	Stainless steel (316-L)
		Casing wear rings	Stainless steel (316-L)
		Shaft	Stainless steel (316-L)
		O-ring	EPDM (up to 140°C) or Viton
Denomination		Mechanical face seals	
Product code	MM 300/2/500 MM 300/4/1000	Carbon/sic mechanical seal or in special cases Gland packing, and also cartridge mechanical seal (acc. to API 610/10 th)	
Suction	14 inch(350 mm)	Rating	
Discharge	12 inch(300 mm)	Speed of rotation	1450 rpm
Process data			
Liquid temperature	Max 140°C		
Casing pressure	Max 120 bar		
The PH of the liquid	PH5-8		
Liquid density	Max 1100kg/m ³		
Accessories			
Base frame, coupling, coupling guard, motors, speed control and also special accessories to meet customer requirements on motors.			



CENTERAGE CO.

**High-Pressure Multistage Double Suction
Split Casing Pump 300 series
MM 300/6/1500
50 Hz-1450 rpm**



Product	Material														
Centerage High-Pressure multistage double suction pumps in a horizontal or vertical, applicable for handling clean liquids as well as slightly contaminated media such as; cold & hot water, condensate, oil, brine and acid suspension, booster system, pressurization in high-rises, fire fighting, cooling circuits, boiler, feeds and so on.	<table border="0"> <tr><td>Stage casing</td><td>C. Steel</td></tr> <tr><td>Suction casing</td><td>C. steel</td></tr> <tr><td>Discharge casing</td><td>C. steel</td></tr> <tr><td>Impeller</td><td>Stainless steel (316-L)</td></tr> <tr><td>Casing wear rings</td><td>Stainless steel (316-L)</td></tr> <tr><td>Shaft</td><td>Stainless steel (316-L)</td></tr> <tr><td>O-ring</td><td>EPDM (up to 140°C) or Viton</td></tr> </table>	Stage casing	C. Steel	Suction casing	C. steel	Discharge casing	C. steel	Impeller	Stainless steel (316-L)	Casing wear rings	Stainless steel (316-L)	Shaft	Stainless steel (316-L)	O-ring	EPDM (up to 140°C) or Viton
Stage casing	C. Steel														
Suction casing	C. steel														
Discharge casing	C. steel														
Impeller	Stainless steel (316-L)														
Casing wear rings	Stainless steel (316-L)														
Shaft	Stainless steel (316-L)														
O-ring	EPDM (up to 140°C) or Viton														
Denomination	Mechanical face seals														
<table border="0"> <tr><td>Product code</td><td>MM 300/6/1500</td></tr> <tr><td>Suction</td><td>14 inch(350 mm)</td></tr> <tr><td>Discharge</td><td>12 inch(300 mm)</td></tr> </table>	Product code	MM 300/6/1500	Suction	14 inch(350 mm)	Discharge	12 inch(300 mm)	Carbon/sic mechanical seal or in special cases Gland packing, and also cartridge mechanical seal (acc. to API 610/10 th)								
Product code	MM 300/6/1500														
Suction	14 inch(350 mm)														
Discharge	12 inch(300 mm)														
Process data	Rating														
<table border="0"> <tr><td>Liquid temperature</td><td>Max 140°C</td></tr> <tr><td>Casing pressure</td><td>Max 120 bar</td></tr> <tr><td>The PH of the liquid</td><td>PH5-8</td></tr> <tr><td>Liquid density</td><td>Max 1100kg/m³</td></tr> </table>	Liquid temperature	Max 140°C	Casing pressure	Max 120 bar	The PH of the liquid	PH5-8	Liquid density	Max 1100kg/m ³	Speed of rotation 1450 rpm						
Liquid temperature	Max 140°C														
Casing pressure	Max 120 bar														
The PH of the liquid	PH5-8														
Liquid density	Max 1100kg/m ³														
Accessories															
Base frame, coupling, coupling guard, motors, speed control and also special accessories to meet customer requirements on motors.															

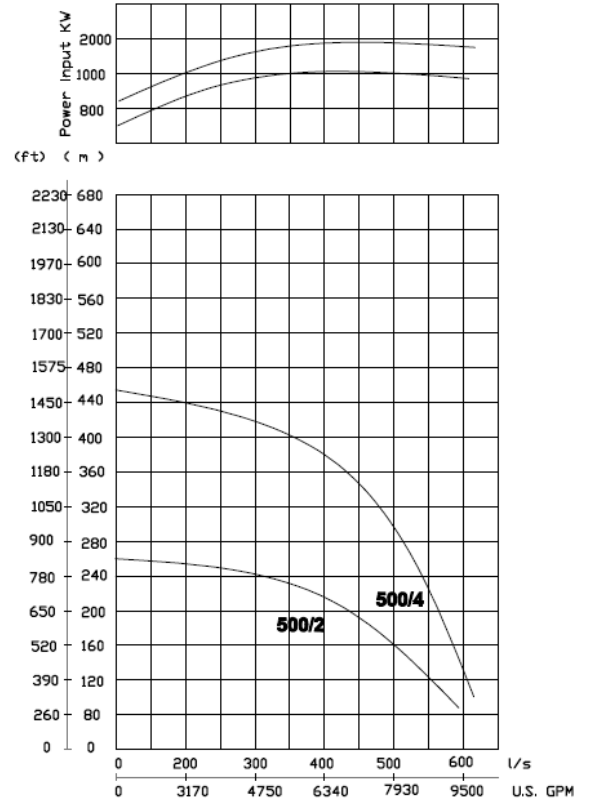


CENTERAGE CO.

High-Pressure Multistage Double Suction Split Casing Pump 500 series

MM 500/2/1000

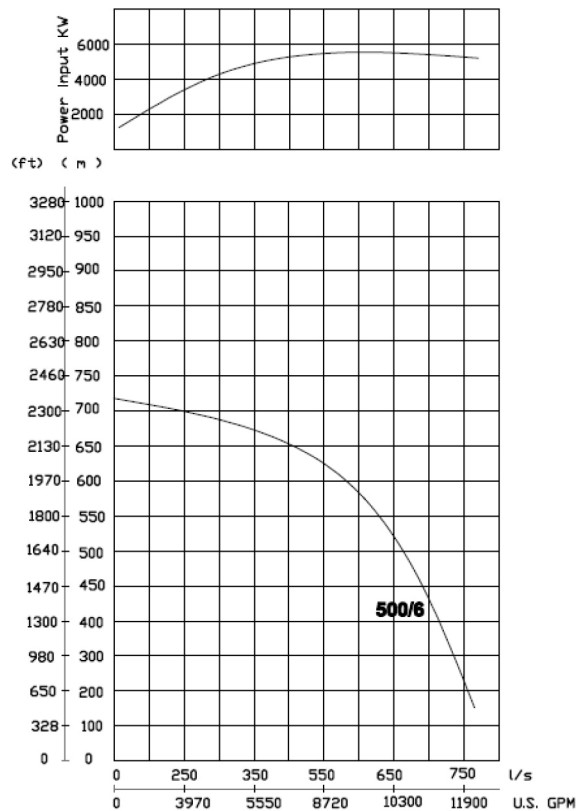
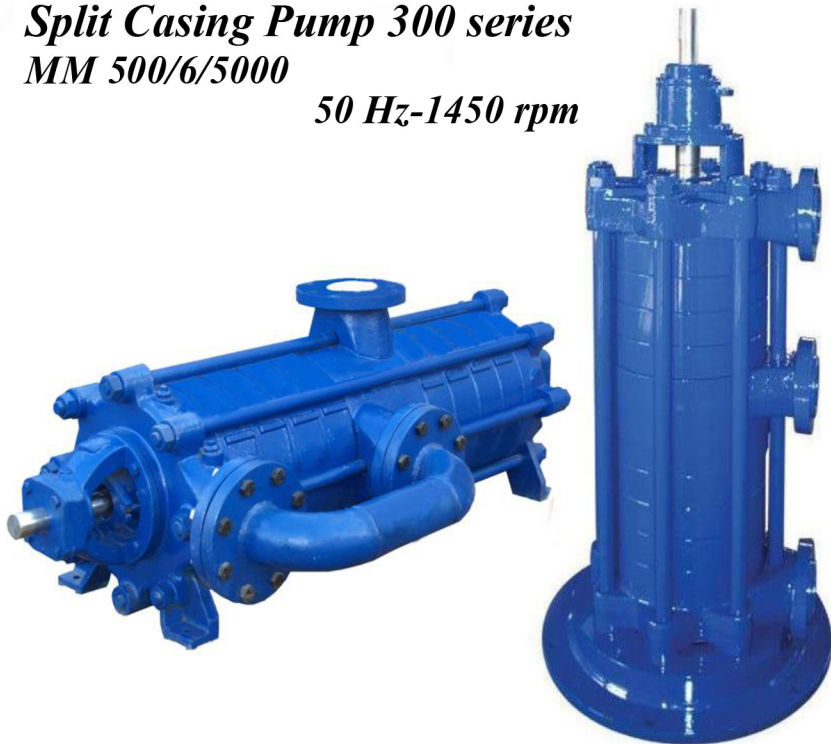
MM 500/4/2000 50 Hz-1450 rpm



Product		Material	
Centerage High-Pressure multistage double suction pumps in a horizontal or vertical, applicable for handling clean liquids as well as slightly contaminated media such as; cold & hot water, condensate, oil, brine and acid suspension, booster system, pressurization in high-rises, fire fighting, cooling circuits, boiler, feeds and so on.		Stage casing	C. Steel
		Suction casing	C. steel
		Discharge casing	C. steel
		Impeller	Stainless steel (316-L)
		Casing wear rings	Stainless steel (316-L)
		Shaft	Stainless steel (316-L)
		O-ring	EPDM (up to 140°C) or Viton
Denomination		Mechanical face seals	
Product code	MM 500/2/1000 MM 500/4/2000	Carbon/sic mechanical seal or in special cases Gland packing, and also cartridge mechanical seal (acc. to API 610/10 th)	
Suction	20 inch(500 mm)	Rating	
Discharge	16 inch(400 mm)	Speed of rotation	1450 rpm
Process data			
Liquid temperature	Max 140°C		
Casing pressure	Max 120 bar		
The PH of the liquid	PH5-8		
Liquid density	Max 1100kg/m ³		
Accessories			
Base frame, coupling, coupling guard, motors, speed control and also special accessories to meet customer requirements on motors.			

**High-Pressure Multistage Double Suction
Split Casing Pump 300 series
MM 500/6/5000**

50 Hz-1450 rpm



Product		Material	
Centerage High-Pressure multistage double suction pumps in a horizontal or vertical, applicable for handling clean liquids as well as slightly contaminated media such as; cold & hot water, condensate, oil, brine and acid suspension, booster system, pressurization in high-rises, fire fighting, cooling circuits, boiler, feeds and so on.		Stage casing	C. Steel
Denomination		Suction casing	C. steel
Product code	MM 500/5/5000	Discharge casing	C. steel
Suction	20 inch(500 mm)	Impeller	Stainless steel (316-L)
Discharge	16 inch(400 mm)	Casing wear rings	Stainless steel (316-L)
Process data		Shaft	Stainless steel (316-L)
Liquid temperature	Max 140°C	O-ring	EPDM (up to 140°C) or Viton
Casing pressure	Max 120 bar	Mechanical face seals	
The PH of the liquid	PH5-8	Carbon/sic mechanical seal or in special cases Gland packing, and also cartridge mechanical seal (acc. to API 610/10 th)	
Liquid density	Max 1100kg/m ³	Rating	
Accessories		Speed of rotation	1450 rpm
Base frame, coupling, coupling guard, motors, speed control and also special accessories to meet customer requirements on motors.			