

**Model: CW****Size: 5X4-17****Group: F6E2****60Hz****RPM: 1563****Stages: 1**

Job/Inq.No. :

Purchaser : UNDEFINED

End User :

Item/Equip.No. : ITEM 001

Service :

Order No. :

Issued by :

Quotation No. :

Date : 09/14/2011

Rev. : 0

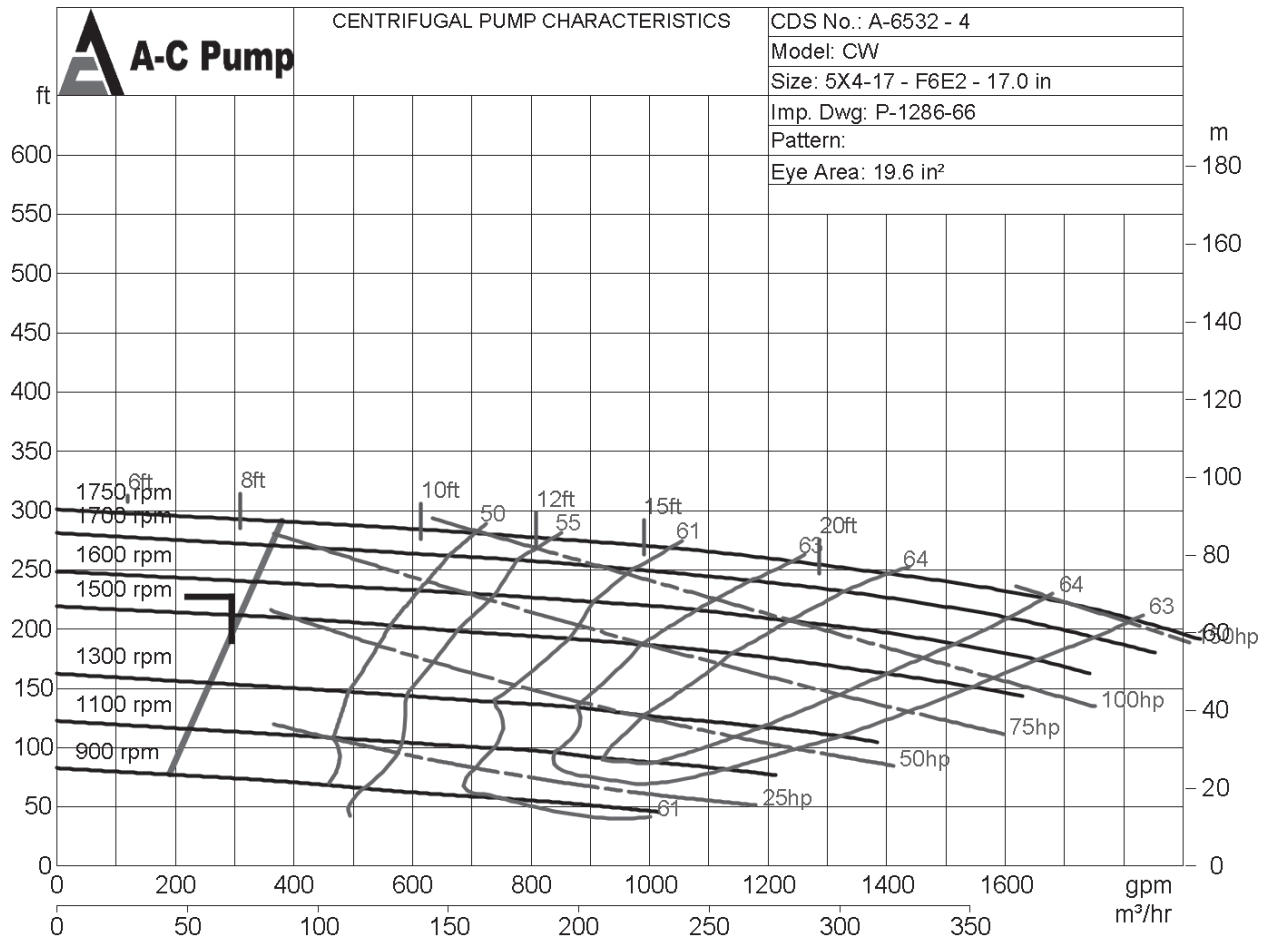
**Operating Conditions**

Liquid: Water  
Temp.: 70.0 deg F  
S.G./Visc.: 1.000/1.000 cp  
Flow: 300.0 gpm  
TDH: 230.0 ft  
NPSHa: 0.0 ft  
Solid size:  
% Susp. Solids  
(by wtg):  
Max. Solids Size: 1.0000 in

**Pump Performance**

Published Efficiency: 33.5 %  
Rated Pump Efficiency: 33.5 %  
Rated Total Power: 51.6 hp  
Non-Overloading Power: 108.4 hp  
Imp. Dia. First 1 Stg(s): 17.0000 in  
NPSHr: 6.7 ft  
Shut off Head: 237.7 ft  
Vapor Press:  
Suction Specific Speed: 5,316 gpm(US) ft  
Min. Hydraulic Flow: 323.5 gpm  
Min. Thermal Flow: N/A

**Notes:** 1.The Mechanical seal increased drag effect on power and efficiency is not included, unless the correction is shown in the appropriate field above. 2. Magnetic drive eddy current and viscous effect on power and efficiency is not included. 3. Elevated temperature effects on performance are not included. 4. Non Overloading power does not reflect v-belt/gear losses.



**Model: CW****Size: 5X4-17****Group: F6E2****60Hz****RPM: 1563****Stages: 1**

Job/Inq.No. :

Purchaser : UNDEFINED

End User :

Item/Equip.No. : ITEM 001

Service :

Order No. :

Issued by :

Quotation No. :

Rev. : 0

Date : 09/14/2011

**Operating Conditions**

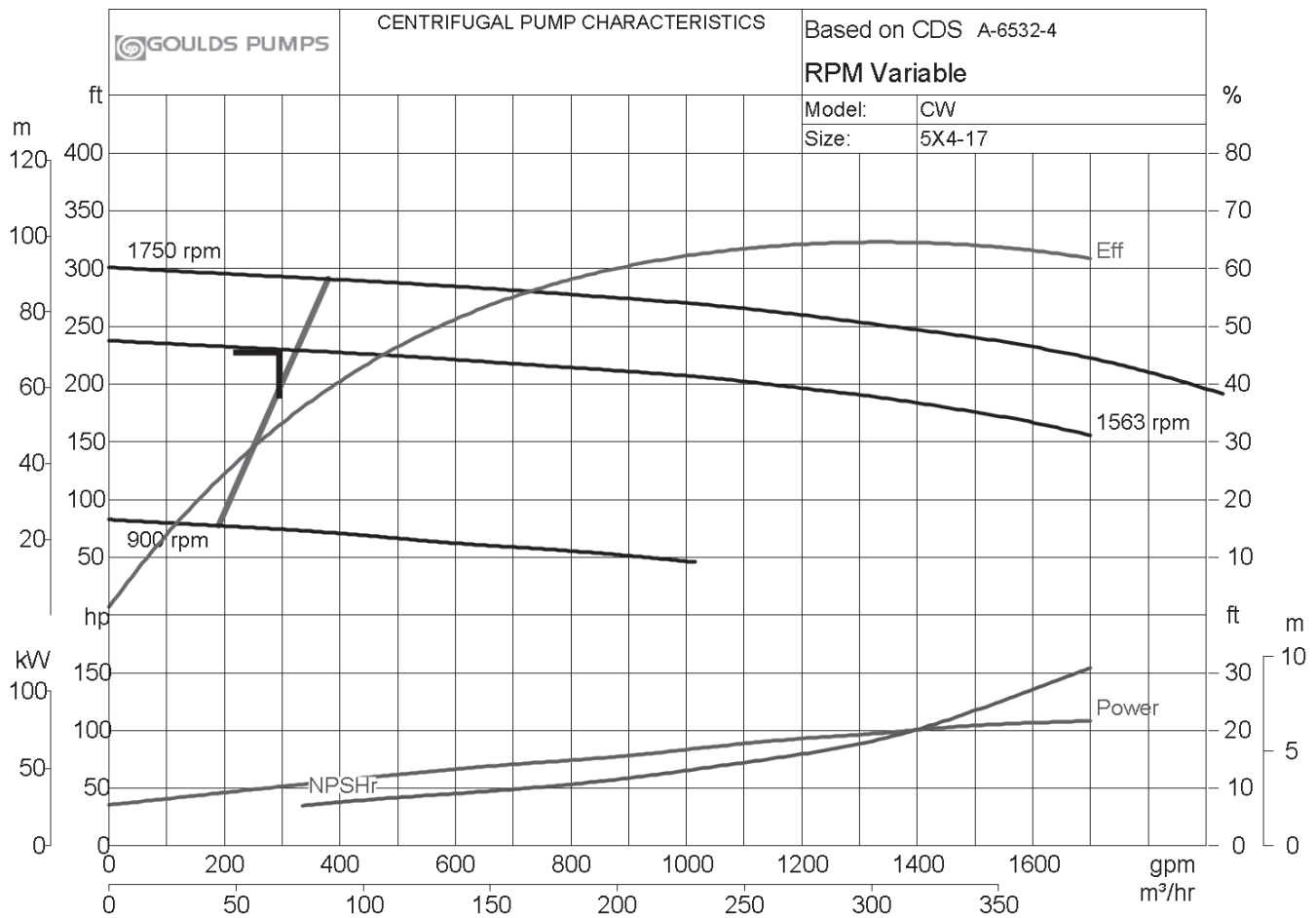
Liquid: Water  
Temp.: 70.0 deg F  
S.G./Visc.: 1.000/1.000 cp  
Flow: 300.0 gpm  
TDH: 230.0 ft  
NPSHa: 0.0 ft  
Solid size:  
% Susp. Solids  
(by wtg):  
Max. Solids Size: 1.0000 in

**Pump Performance**

Published Efficiency: 33.5 %  
Rated Pump Efficiency: 33.5 %  
Rated Total Power: 51.6 hp  
Non-Overloading Power: 108.4 hp  
Imp. Dia. First 1 Stg(s): 17.0000 in  
NPSHr: 6.7 ft  
Shut off Head: 237.7 ft  
Vapor Press:

Suction Specific Speed: 5,316 gpm(US) ft  
Min. Hydraulic Flow: 323.5 gpm  
Min. Thermal Flow: N/A

**Notes:** 1. The Mechanical seal increased drag effect on power and efficiency is not included, unless the correction is shown in the appropriate field above. 2. Magnetic drive eddy current on power and efficiency is not included. 3. Elevated temperature effects on performance are not included. 4. Non Overloading power does not reflect v-belt/gear losses.



**Model: CW****Size: 5X4-17****Group: F6E2****60Hz****RPM Variable****Stages: 1**

Job/Inq.No. :

Purchaser : UNDEFINED

End User :

Item/Equip.No. : ITEM 001

Issued by :

Quotation No. :

Date : 09/14/2011

Service :

Order No. :

Rev. : 0

**Operating Conditions**

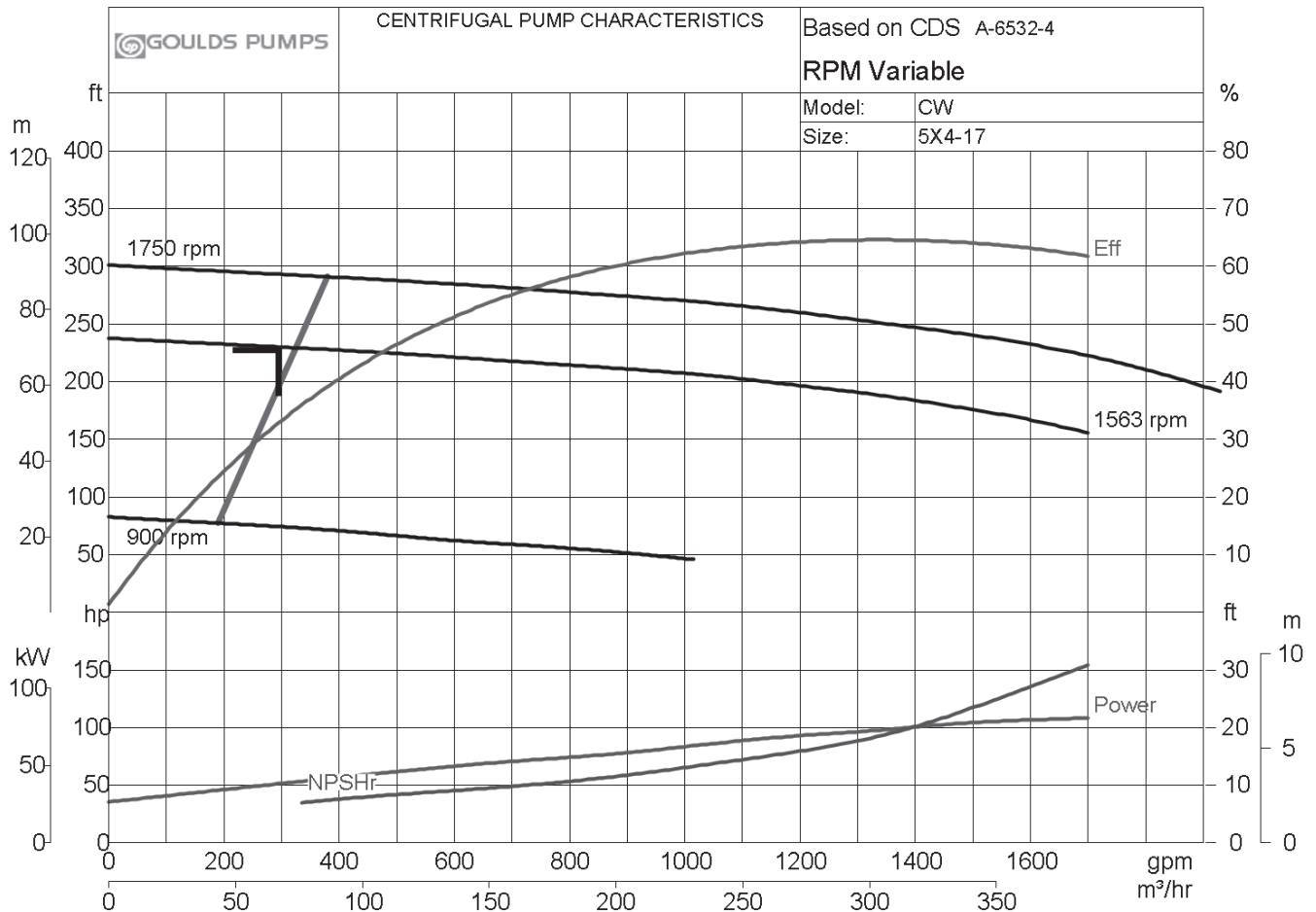
Liquid: Water  
Temp.: 70.0 deg F  
S.G./Visc.: 1.000/1.000 cp  
Flow: 300.0 gpm  
TDH: 230.0 ft  
NPSHa: 0.0 ft  
Solid size:  
% Susp. Solids  
(by wtg):  
Max. Solids Size: 1.0000 in

**Pump Performance @ 1563 RPM**

Published Efficiency: 33.5 %  
Rated Pump Efficiency: 33.5 %  
Rated Total Power: 51.6 hp  
Non-Overloading Power: 108.4 hp  
Imp. Dia. First 1 Stg(s): 17.0000 in  
NPSHr: 6.7 ft  
Shut off Head: 237.7 ft  
Vapor Press:

Suction Specific Speed: 5,316 gpm(US) ft  
Min. Hydraulic Flow: 323.5 gpm  
Min. Thermal Flow: N/A

**Notes:** 1. The Mechanical seal increased drag effect on power and efficiency is not included, unless the correction is shown in the appropriate field above. 2. Magnetic drive eddy current and viscous effect on power and efficiency is not included. 3. Elevated temperature effects on performance are not included. 4. Non Overloading power does not reflect v-belt/gear losses.



**Model: CW****Size: 5X4-17****Group: F6E2****60Hz****RPM Variable****Stages: 1**

Job/Inq.No. :

Purchaser : UNDEFINED

End User :

Item/Equip.No. : ITEM 001

Service :

Order No. :

Issued by :

Quotation No. :

Date : 09/14/2011

Rev. : 0

**Operating Conditions**

Liquid: Water  
Temp.: 70.0 deg F  
S.G./Visc.: 1.000/1.000 cp  
Flow: 300.0 gpm  
TDH: 230.0 ft  
NPSHa: 0.0 ft  
Solid size:  
% Susp. Solids  
(by wtg):  
Max. Solids Size: 1.0000 in

**Pump Performance @ 1563 RPM**

Published Efficiency: 33.5 %  
Rated Pump Efficiency: 33.5 %  
Rated Total Power: 51.6 hp  
Non-Overloading Power: 108.4 hp  
Imp. Dia. First 1 Stg(s): 17.0000 in  
NPSHr: 6.7 ft  
Shut off Head: 237.7 ft  
Vapor Press:

Suction Specific Speed: 5,316 gpm(US) ft  
Min. Hydraulic Flow: 323.5 gpm  
Min. Thermal Flow: N/A

**Notes:** 1. The Mechanical seal increased drag effect on power and efficiency is not included, unless the correction is shown in the appropriate field above. 2. Magnetic drive eddy current on power and efficiency is not included. 3. Elevated temperature effects on performance are not included. 4. Non Overloading power does not reflect v-belt/gear losses.

