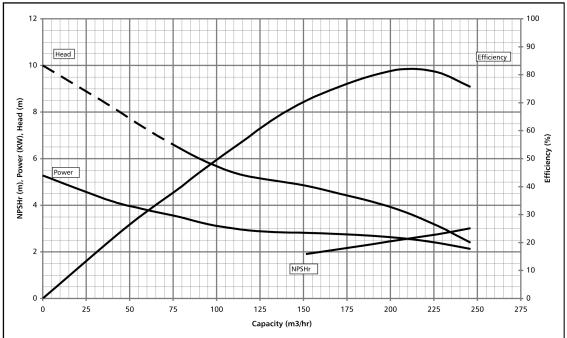


# 6MO-10MO-12MLO-12MMO MIXED FLOW PUMPS

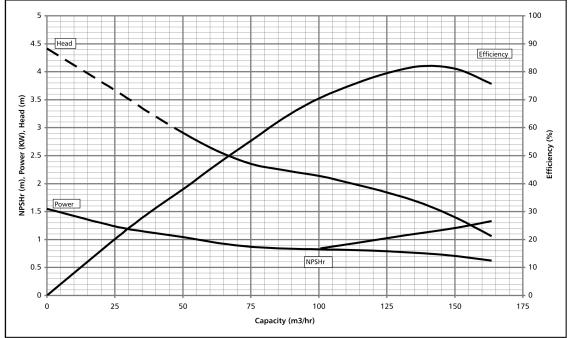
Performance curves and dimensional drawings  $50\ Hz$ 



## **6MO Performance Curves**



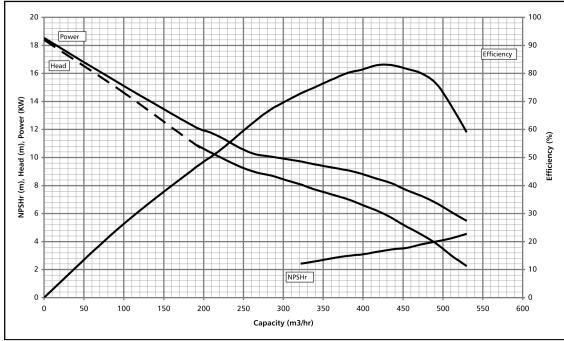
Model RPM	6N 14	
Hz	5	-
	CORRECTIO	
1-STAGE	N/A	N/A
Impeller	Op	en
Ns =	6841	
K =	19.5 kg/	m
	1313 119/	•••
Min. Subm.	635mm	
Vane Angle	37°	
Max. Solid	25.4mm	Dia.
TURBIN	OULD TER TECHNO IE OPERATI	
	RMANCE CUR	



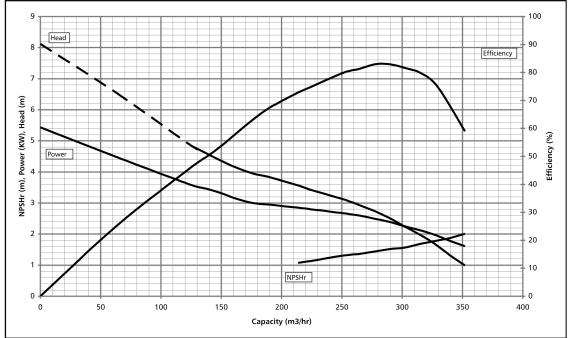
	Model	6N	10
	RPM	980	
	Hz	50	
	EFFICIENCY CORRECTION		
	1-STAGE	N/A	N/A
	Impeller	Op	en
	Ns =		
Efficiency (%)	K =	19.5 kg/	m
j.			
įċ	Min. Subm.	635mm	
₩.	Vane Angle	37°	
	Max. Solid	25.4mm	Dia.
	TURBINE OPERATIONS Lubbock, Texas 2010		
	11——		
	BOWL PERFOR	RMANCE CUR	IVE
	11——	RMANCE CUR	IVE
	BOWL PERFOR	RMANCE CUR IMPING CLEA D WATER.	IVE
	BOWL PERFOI BASED ON PU NON-AERATEI RATED POINT GUARANTEED	RMANCE CUR IMPING CLEA D WATER. ONLY IS O. CURVES	KVE AR,
	BOWL PERFORM BASED ON PU NON-AERATEI RATED POINT GUARANTEED REPRESENT SI	RMANCE CUR IMPING CLEAD D WATER. ONLY IS O. CURVES NGLE STAGE	KVE AR,
	BOWL PERFOI BASED ON PU NON-AERATEI RATED POINT GUARANTEED	RMANCE CUR IMPING CLEAD D WATER. ONLY IS O. CURVES NGLE STAGE	KVE AR,

**NOTE:** Solid line is recommended operating range.

## 10MO Performance Curves



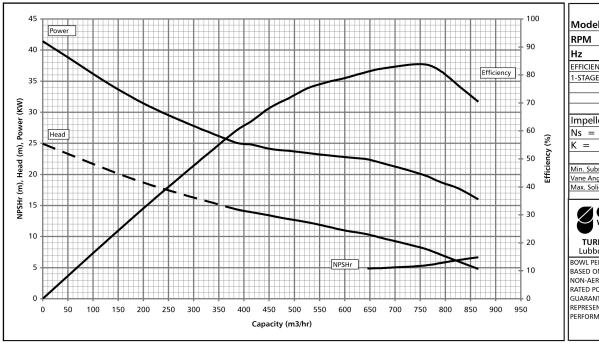
Model RPM	10l 14		
Hz	50		
EFFICIENCY	ENCY CORRECTION		
1-STAGE	N/A	N/A	
Impeller	Ор		
Ns =	6723		
K =	35.7 kg	/m	
Min. Subm.	737mm		
Vane Angle Max. Solid	37° 38.1mm	Dia.	
Max. Solid	37°		
Max. Solid  GGWAT  TURBIN	37° 38.1mm	) <b>S</b> DLOGY IONS	
Max. Solid  TURBIN Lubbock BOWL PERFO	37° 38.1mm  OULD TER TECHNO E OPERATI , Texas RMANCE CUI	ONS 2010	
TURBIN Lubbock BOWL PERFOI BASED ON PL	37° 38.1mm  OULD TER TECHNO E OPERATI , Texas RMANCE CUI JMPING CLE.	ONS 2010	
Max. Solid  GGWAT  TURBIN Lubbock BOWL PERFO	37° 38.1mm  OULD  TER TECHNO  E OPERATI  , Texas  RMANCE CUI  JMPING CLE.  D WATER.	ONS 2010	
TURBIN Lubbock BOWL PERFOI BASED ON PL NON-AERATE RATED POINT GUARANTEEE	37° 38.1mm  OULD  E OPERATI , Texas  RMANCE CUI  JMPING CLE. DO WATER. ONLY IS D. CURVES	OLOGY ONS 2010 RVE AR,	
TURBIN Lubbock BOWL PERFOI BASED ON PL NON-AERATE RATED POINT	37° 38.1mm  OULD FER TECHNO E OPERATI , Texas RMANCE CUI JMPING CLE. D WATER. ONLY IS O, CURVES	OLOGY ONS 2010 RVE AR,	



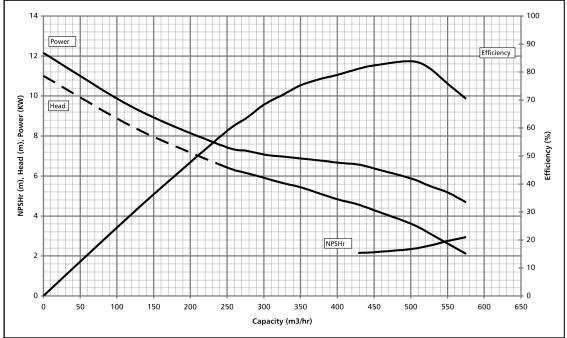
RPM	98	30	
Hz	5	0	
EFFICIENC\	CIENCY CORRECTION		
1-STAGE	N/A	N/A	
Impeller	Ор	en	
Ns =	6723		
K =	35.7 kg		
Min. Subm.	737mm		
Vane Angle	37°		
Vane Angle Max. Solid	37° 38.1mm		
TURBII	37°	S	
Vane Angle Max. Solid  G G TURBII Lubboc BOWL PERFO	37° 38.1mm  SOULD ATER TECHNO NE OPERATI k, Texas ORMANCE CUF	ONS 2010	
Vane Angle Max. Solid  TURBII Lubboc BOWL PERFORMATION OF THE PROPERTY OF T	37° 38.1mm  SOULD ATER TECHNO NE OPERATI k, Texas DRMANCE CUF PUMPING CLEA	ONS 2010	
Vane Angle Max. Solid  TURBII Lubboc BOWL PERFORM BASED ON FINON-AERAT	37° 38.1mm  SOULD  TER TECHNO  NE OPERATI  k, Texas  ORMANCE CUF  PUMPING CLE/  ED WATER.	ONS 2010	
Vane Angle Max. Solid  TURBII Lubboc BOWL PERFO BASED ON F NON-AERAT RATED POIN	37° 38.1mm  SOULD  TER TECHNO  NE OPERATI  k, Texas  ORMANCE CUF  PUMPING CLE/  ED WATER.	ONS 2010	
TURBII Lubboc BOWL PERFO BASED ON F NON-AERAT RATED POING GUARANTEE	37° 38.1mm 38.1mm 38.1mm 39.00 LD ATER TECHNO NE OPERATI k, Texas ORMANCE CUP OPUMPING CLEA DED WATER. IT ONLY IS	ONS 2010 RVE AR,	

**NOTE:** Solid line is recommended operating range.

## **12MLO Performance Curves**



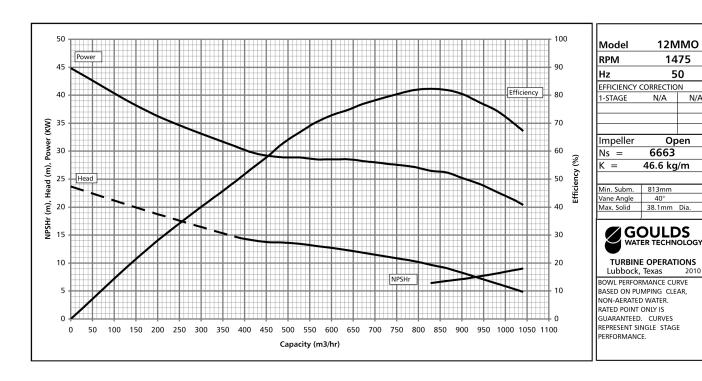
Model	12N	1LO
RPM	14	75
Hz	5	0
EFFICIENCY (	CORRECTIO	N
1-STAGE	N/A	N/A
Impeller	Ор	en
Ns =	7186	
K =	46.9 kg/	m /m
Min. Subm.	813mm	
Vane Angle	40°	
Max. Solid	38.1mm	Dia.
	OULD ER TECHNO	
	TURBINE OPERATIONS Lubbock, Texas 2010 WU PERFORMANCE CURVE SED ON PUMPING CLEAR, N-AERATED WATER. TED POINT ONLY IS ARANTEED. CURVES PRESENT SINGLE STAGE	

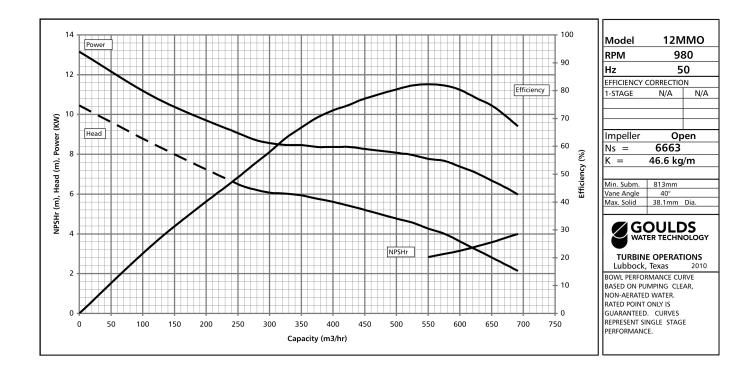


	   Model	121	ИLO	
	RPM	980		
	Hz	50		
	EFFICIENCY CORRECTION			
	1-STAGE	N/A	N/A	
	l⊢——			
<u>-</u>	Impeller	Open		
	Ns = <b>7186</b>			
<u>~</u>	K =	46.9 kg/m		
ű				
Efficiency (%	Min. Subm.	813mm		
毌	Vane Angle	40°	D'	
	Max. Solid	38.1mm	Dia.	
	TURBINE OPERATIONS Lubbock, Texas 2010			
	BOWL PERFORMANCE CURVE BASED ON PUMPING CLEAR, NON-AERATED WATER.			
	RATED POINT ONLY IS GUARANTEED. CURVES			
	REPRESENT SINGLE STAGE			
	PERFORMANO	Œ.		

**NOTE:** Solid line is recommended operating range.

#### 12MMO Performance Curves





**NOTE:** Solid line is recommended operating range.

**12MMO** 

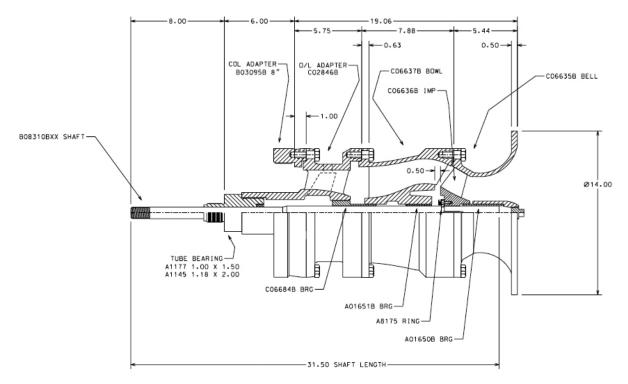
1475

50

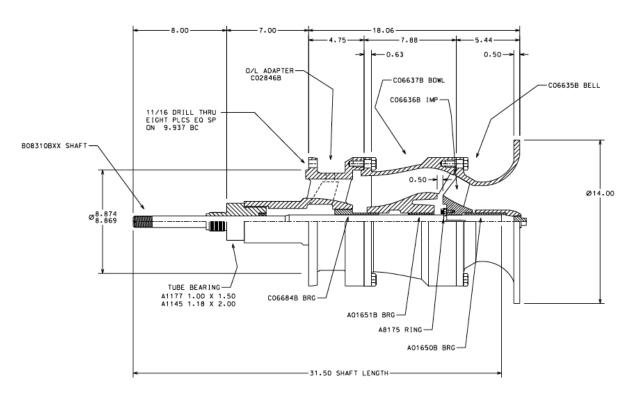
Open

N/A

## 6MO Dimensional Drawings - O/L Bowl Assembly

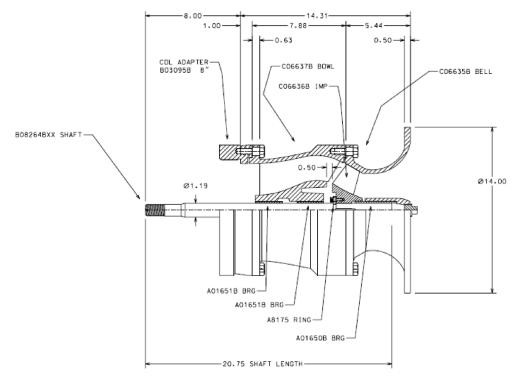


6MO Oil Lube - Threaded Bowl Assembly Layout

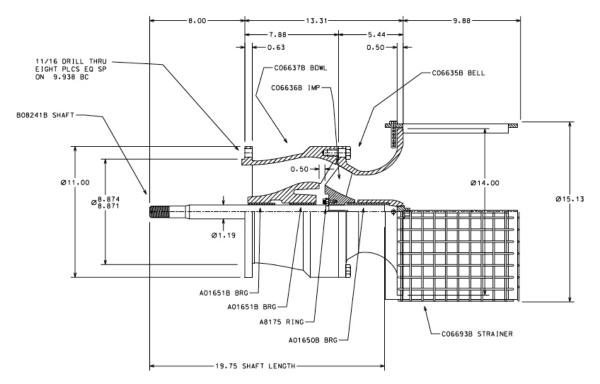


6MO Oil Lube - Flanged Bowl Assembly Layout

## 6MO Dimensional Drawings - W/L Bowl Assembly

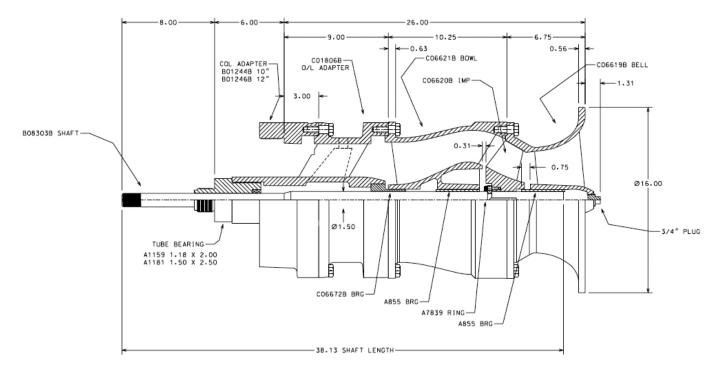


6MO Water Lube - Threaded Bowl Assembly Layout

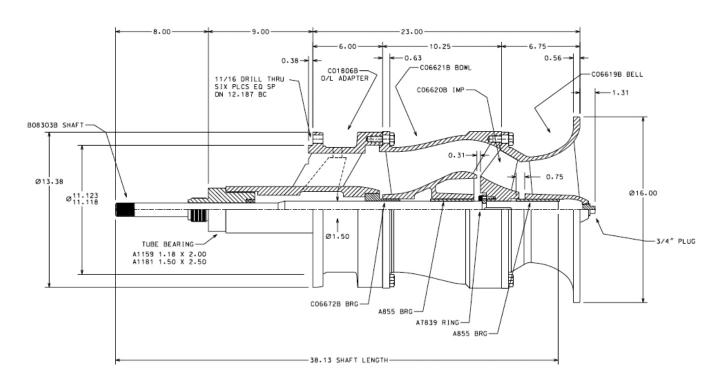


6MO Water Lube - Flanged Bowl Assembly Layout

## 10MO Dimensional Drawings - O/L Bowl Assembly

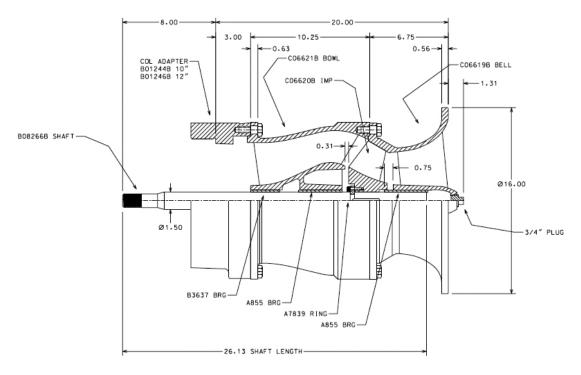


10MO Oil Lube - Threaded Bowl Assembly Layout

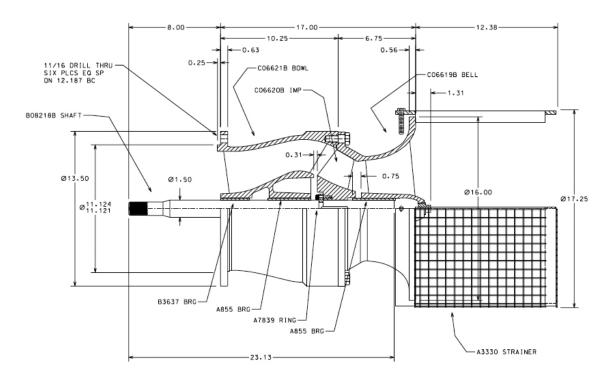


10MO Oil Lube - Flanged Bowl Assembly Layout

## 10MO Dimensional Drawings - W/L Bowl Assembly

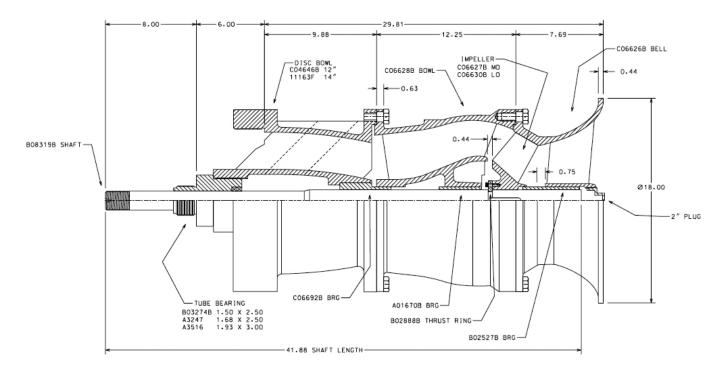


10MO Water Lube - Threaded Bowl Assembly Layout

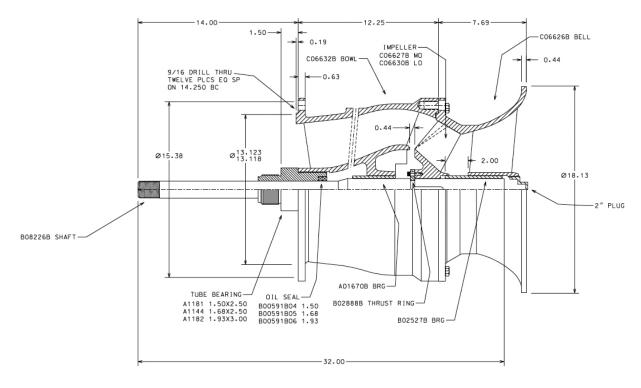


10MO Water Lube - Flanged Bowl Assembly Layout

## 12MO Dimensional Drawings - O/L Bowl Assembly

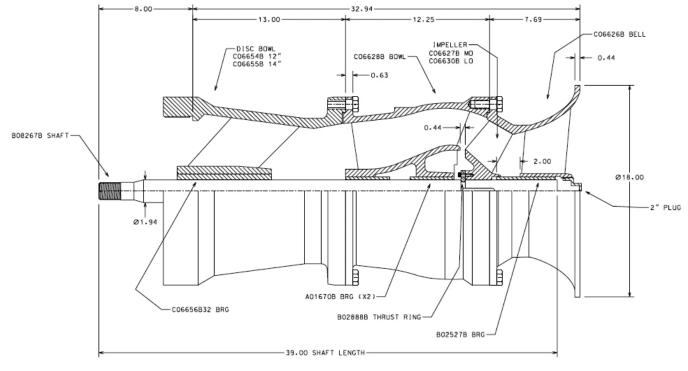


12MO Oil Lube - Threaded Bowl Assembly Layout

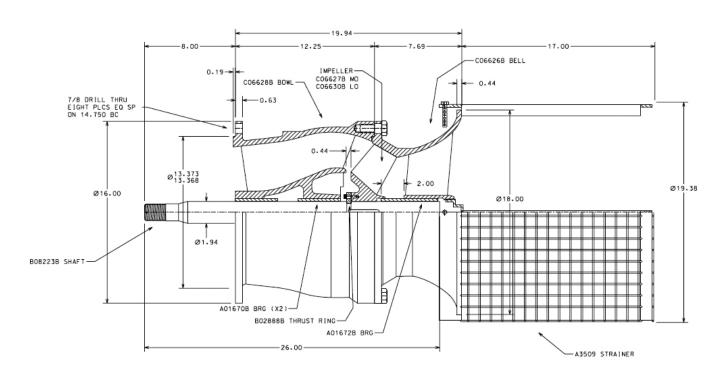


12MO Oil Lube - Flanged Bowl Assembly Layout

## 12MO Dimensional Drawings - W/L Bowl Assembly



12MO Water Lube - Threaded Bowl Assembly Layout



12MO Water Lube - Flanged Bowl Assembly Layout

## Xylem |'zīləm|

- 1) The tissue in plants that brings water upward from the roots;
- 2) a leading global water technology company.

We're 12,500 people unified in a common purpose: creating innovative solutions to meet our world's water needs. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. We move, treat, analyze, and return water to the environment, and we help people use water efficiently, in their homes, buildings, factories and farms. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise, backed by a legacy of innovation.

For more information on how Xylem can help you, go to www.xyleminc.com



Xylem, Inc. P.O. Box 5487 Lubbock, TX 79408 Phone: (806) 763-7867

Fax: (800) 453-4749

www.xyleminc.com/brands/gouldswatertechnology

Goulds is a registered trademark of Goulds Pumps, Inc. and is used under license. © 2012 Xylem Inc. B6-12MXFL50 September 2010