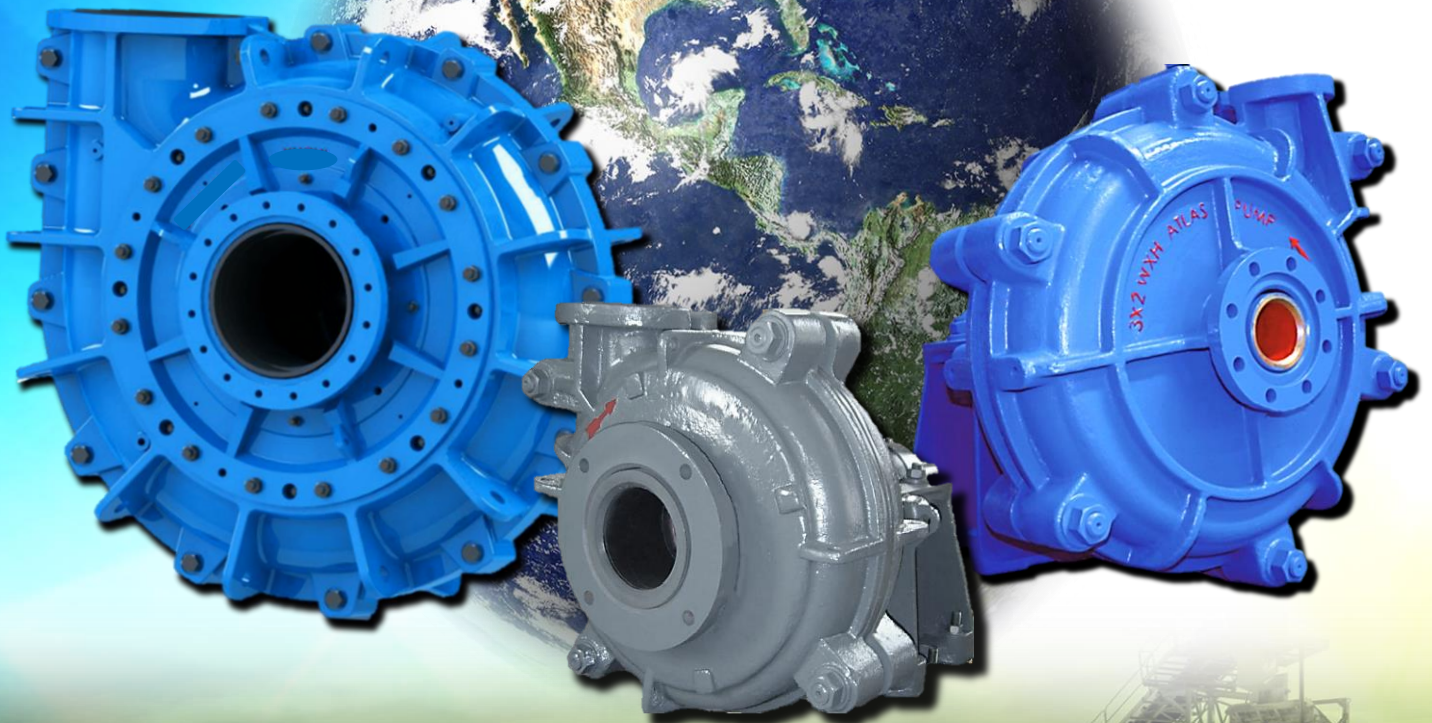


**ATLAS**  
EQUIPMENT CO.



**BATTLE** *M T N*  
*P U M P S*



**WX(R) & WXH Heavy-Duty Slurry Pumps**



# Long-Life, Efficient Operation & Easy Maintenance

## DOUBLE CASING:

Radial Split Outer Casing = Easy Disassembly  
Ductile Iron Casing for Higher Working Pressure  
Removable Liners Attachable with Fasteners

## INTERCHANGEABLE

### LINERS:

Positively Attached  
Alloy or Elastomer (Special pH)

## IMPELLER:

- Available Open, Semi-Open or Enclosed (Max Efficiency) Impellers
- Pump Out Vanes on Both Shrouds for minimal Circulation/Lower Box Pressure
- Alloy & Elastomer Liquid Ends
- Interchangeable Impellers (Metal / Elastomer)

## DYNAMIC SEALS:

Reduces/Eliminates Seal Water  
Reduces Sleeve Wear &  
Possible Bearing Failure

EXPELLER,  
GLAND &  
MECHANICAL  
SEAL OPTIONS

## CARTRIDGE BEARING ASSEMBLY & SHAFT:

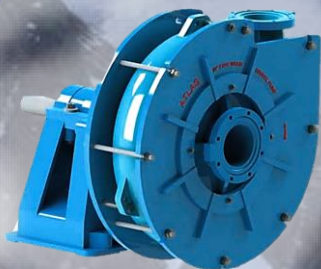
- Shaft designed with short overhang to reduce deflection and minimize vibration
- Hardened Sleeve for Protection
- Interchangeable Bearing Cartridge Assy. (1 piece frame)
- IN-PRO LABYRINTH seals are standard for BEST-IN-CLASS protection

# Workhorse

WX HEAVY SERIES



SPH SERIES



WG SAND & GRAVEL SERIES

Model WX(R) and WXH pumps are designed for long life, efficient operation, and ease of maintenance resulting in a lower Total Cost of Ownership (TCO).

## Configuration & Materials Options

	STANDARD	OPTIONAL
LINERS	Chrome Allow (A05) Natural Rubber	Special pH Allow Neoprene
IMPELLERS	Chrome Allow (A05) Natural Rubber	Special pH Allow Neoprene
CASING	Ductile Iron	Cast Iron
SHAFT SEAL	Packed Box Full / Low Flow	Expeller Mechanical Seal

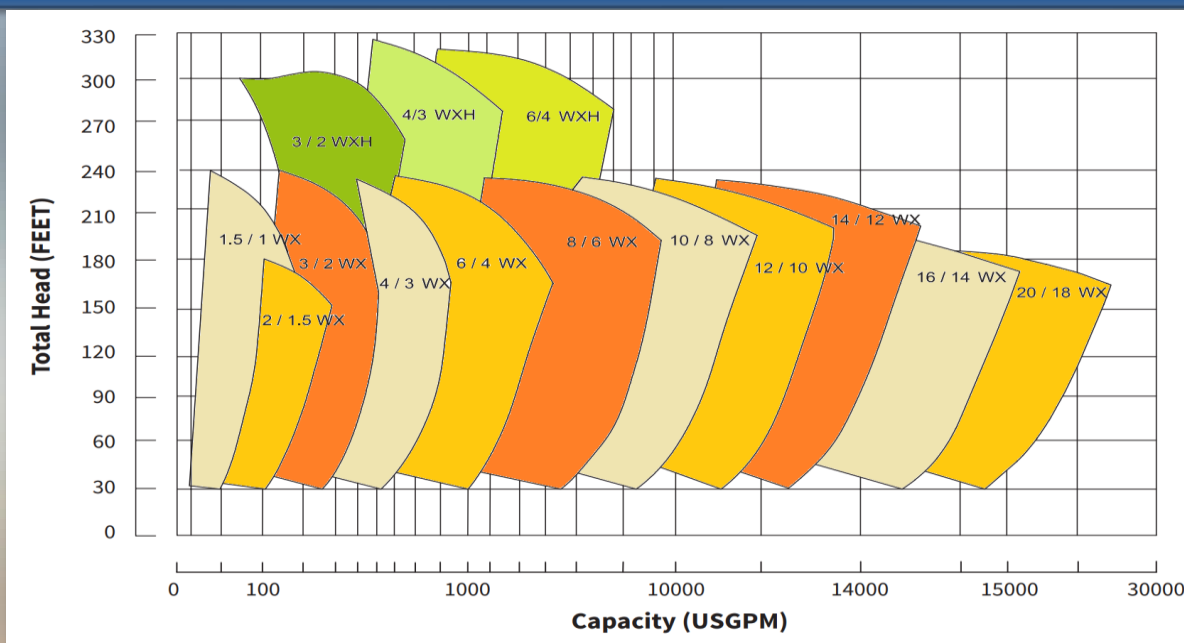
## Heavy-Duty Bearing Assembly Options

STANDARD CARTRIDGE		HEAVY-DUTY CARTRIDGE	
SIZE	Max BHP (kW)	SIZE	Max BHP (kW)
B1	20/15	BB1	NA
C1	40/30	CC1	75/55
D1	80/60	DD1	150/110
E1	160/120	EE1	300/225
F1	350/260	FF1	570/425

# WX(R) & WXH Heavy-Duty Slurry Pumps

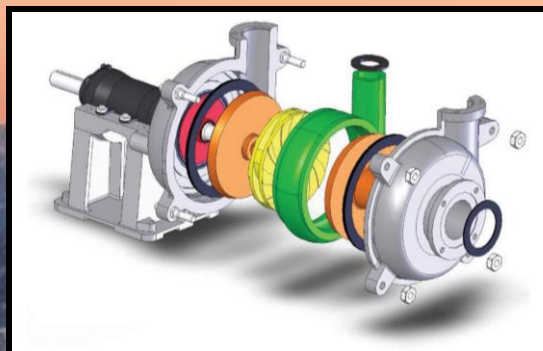


# HYDRAULIC COVERAGE – 60 Hz

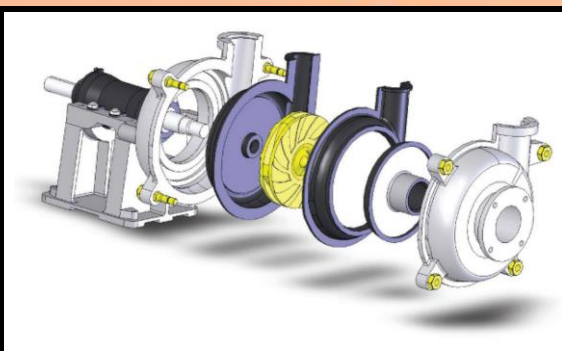


## Configuration

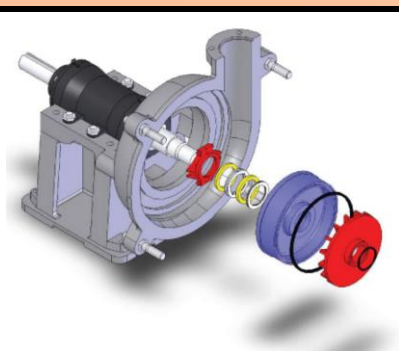
BattleMountain liner & impeller materials have interchangeable wear part combos!



Liners & impellers for hard metal (WX) and elastomer-lined (WXR) pumps have common dimensions and are interchangeable within the same pump size.



Frame supports the bearing cartridge – includes grease-lube single-row taper roller or HD two row taper roller and parallel roller cylindrical bearings.



Std. gland seal requires flush water. If suction conditions allow, our expeller seal can eliminate need for supply water! Hi-Chrome Materials!

*Parts you need...*

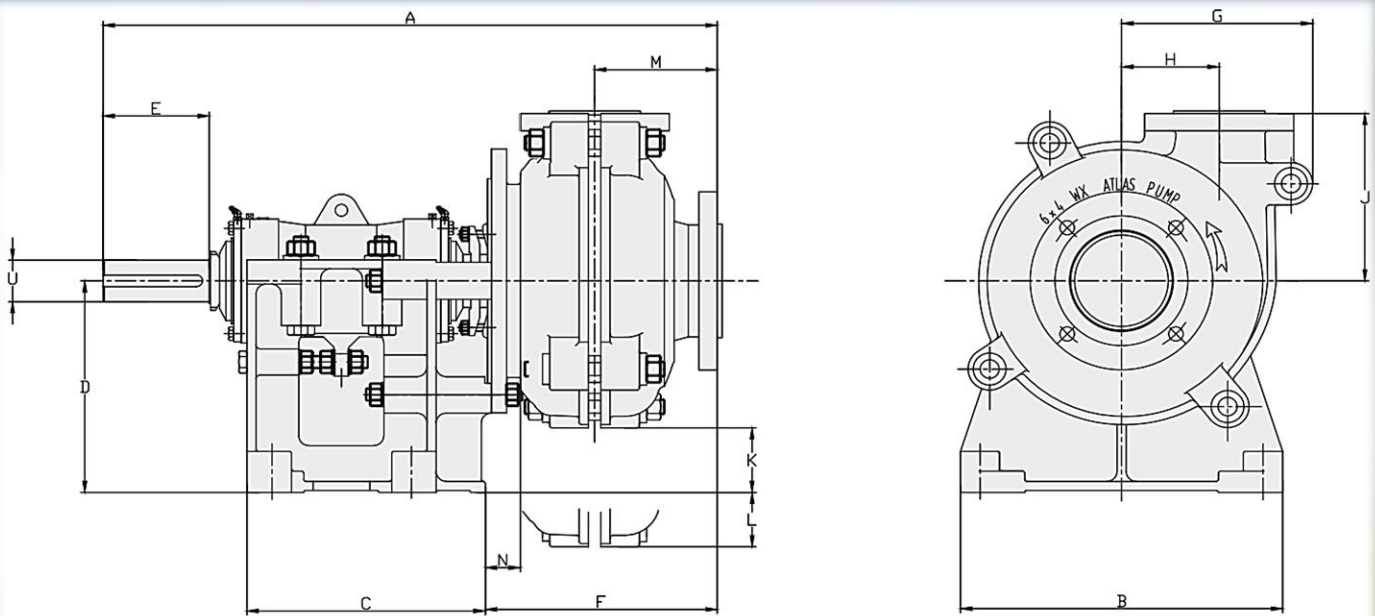


*...without the wait*

**WX(R) & WXH Heavy-Duty Slurry Pumps**



# BARE PUMP – Dimensional Drawing



Size	A	B	C	D	U	Key Size	E	F	G	H	J	K	L	M	N	Wt/LBs	
Model	(in)	(in)	(in)	(in)	(mm)	(mm)	(in)	(in)	(in)	(in)	(in)	(in)	(in)	(in)	(in)	Metal	Elastomer
1.5/1 BWX	22.95	11.61	9.76	7.76	28	8X7	3.11	8.11	7.13	3.86	6.73	1.81	*	4.17	0.74	195	170
2/1.5 BWX	23.45	11.61	9.76	7.76	28	8X7	3.09	8.54	7.99	4.49	7.24	1.31	*	4.65	0.86	345	260
3/2 CWX	30.47	15.98	12.24	10	42	12X8	4.41	11.02	9.37	5.43	8.27	2.81	*	6.14	1.56	435	340
3/2 DWXH	28.82	19.37	14.33	12.99	65	18X11	6.46	15.28	15.12	10	14.49	*	2	7.99	3.28	1550	*
4/3 CWX	33.62	15.98	12.24	10	42	12X8	4.76	14.13	11.5	5.87	10.31	0.79	*	7.56	2.83	550	520
4/3 DWX	37.6	19.37	14.33	12.99	65	18X11	6.46	13.62	11.5	5.87	10.31	3.93	*	7.56	2.83	700	640
4/3 EWXH	48.82	24.49	17.64	17.99	80	22X14	8.74	19.37	19.37	12.99	17	*	*	9.76	3.12	2750	*
6/4 DWX	40.2	19.37	14.33	12.99	65	18X11	6.46	16.69	15.98	9.02	13.31	0.43	*	8.62	2.57	1475	1000
6/4 EWX	46.73	24.49	17.64	17.99	80	22X14	8.74	17.05	15.98	9.02	13.31	5.43	*	8.98	2.96	1950	1400
6/4 FWXH	61.26	33.74	24.96	24.02	100	28X16	10.98	23.03	24.25	16.26	21.5	1.00	*	12.01	2.96	5575	*
8/6 EWX	51.3	24.49	17.64	17.99	80	22X14	8.74	21.93	21.69	12.52	18.11	*	2.44	11.5	3.23	3300	2166
8/6 FWX	59.7	33.74	25	24.02	100	28X16	10.98	21.22	21.69	12.52	18.11	3.54	*	11.97	2.56	4000	3066
10/8 FWX	64.8	39.02	27.76	24.02	100	28X16	10.98	26.89	26.5	16.5	25	*	0.47	13.11	5.28	7040	5690
10/8 STWX	68.98	45.28	30.71	25.59	120	32X18	11.02	27.24	26.5	16.5	25	1.06	*	13.15	5.63	8250	6900
12/10 FWX	67.76	39.02	27.76	24.02	100	28X16	10.98	29.65	29.76	18.27	26.5	*	4.09	15	4.25	8290	6190
12/10 STWX	71.5	45.28	30.71	25.59	120	32X18	11.02	30	29.72	18.27	26.5	*	2.56	15	4.6	9500	7400
14/12 FWX	69.84	39.02	27.76	24.02	100	28X16	10.98	31.61	36.89	24.76	32.76	*	10.35	15.98	4.13	12890	9090
14/12 STWX	73.74	45.28	30.71	25.59	120	32X18	11.02	31.97	36.89	24.76	32.76	*	8.82	15.98	4.48	14100	10300
16/14 TUWX	91.34	57.48	41.34	35.43	150	36X20	13.78	37.52	41.26	25.98	35	*	3.31	17.76	6.56	22000	*
20/18 TUWX	97.44	57.48	41.34	35.43	150	36X20	13.78	44.29	55.67	37.01	48.43	*	16.42	22.84	2.98	36440	27181



**ACCELERATE Your ROI. Ask for ATLAS.**



# Certified Service & Repair

Our machine shops are among the best in the industry. Covering a combined total of 50,000+ square feet, you can rest assured that we have the parts and capabilities needed to get your job done right the first time, every time.

Looking for OEM Replacement Parts?  
We have them!

We understand how critical unplanned downtime is to your business, which is why we offer

**24-7-365 EMERGENCY Service!**



ASK US HOW TO BECOME AN ACE!

# Service ... to the MAX



## Service to Exceed Expectations





*Mountain Born ...*

*... Atlas-Tough®*

Contact us today for your slurry equipment needs. Let us partner with you to improve your plant's operations!

**1-866-808-2950**

: **[www.atlaseqco.com](http://www.atlaseqco.com)**

**ATLAS**  
EQUIPMENT CO.

Atlas Equipment Co. II, Inc.  
1313 South 96<sup>th</sup> Street  
Seattle, WA 98108

Copyright © 2022 Atlas Equipment Co.,II, LLC Designed by BDS