

ATLAS

EQUIPMENT CO.

QUOTES IN HOURS. PARTS IN DAYS.



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WX Series



Born in 2005 from a distributor's need, ATLAS has been built on a legacy of trust, integrity, quality and...

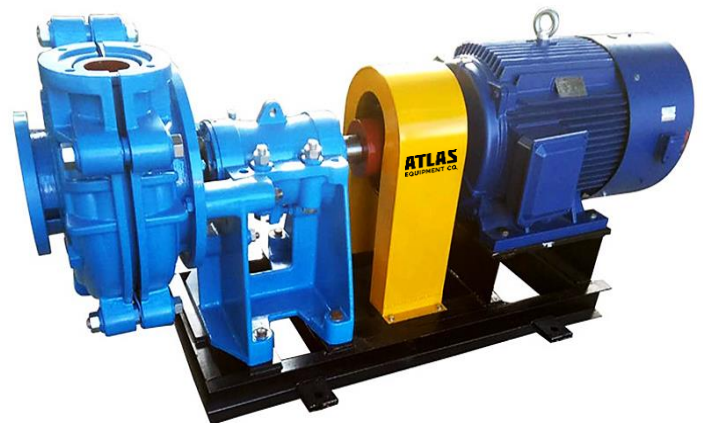
SPEED

WX Series (Horizontal)

Atlas WX pumps are found in many various applications:

Pump Applications	WX(R)	WXH	WL	WG
Mill Discharge	X			
Coarse Sand	X	X		
Coarse Tailings	X	X		
Phosphate Matrix	X	X	X	X
Fine Tailings	X		X	
Heavy Media	X	X	X	
Dredging				X
Gypsum	X	X	X	
Coal Washing	X	X	X	X
Flue-Gas Desulfurization	X	X	X	

NOTE: Not all applications shown



Atlas WX 4x3 Pump Assembly

Built to withstand the most

EXTREME

environments.

WX Series (Horizontal)



Features:

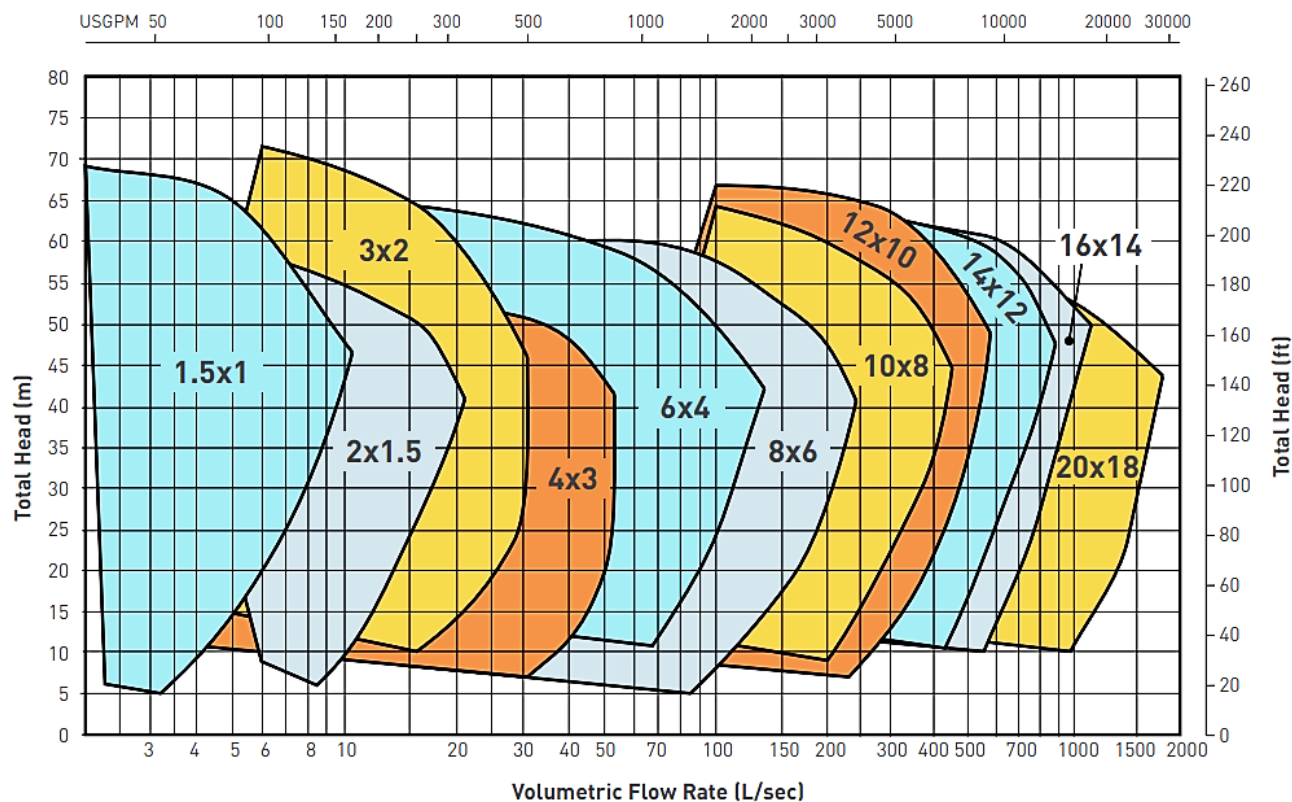
- Built for abrasive & high-density slurry transfer
- Rugged construction, with 27% Chrome, white iron or elastomer (rubber) to handle a wide range of applications and slurry types
- Available in sizes from 1 inch to 18 inch discharge
- 100% interchangeable with legacy slurry pump brands*
- Hard metal/rubber parts are interchangeable for like size pumps
- ISO-9001 Certified Manufacturing & Documentation
- Manufactured using the highest quality materials to ensure reliability and extended service life

**Crossover chart available upon request.*

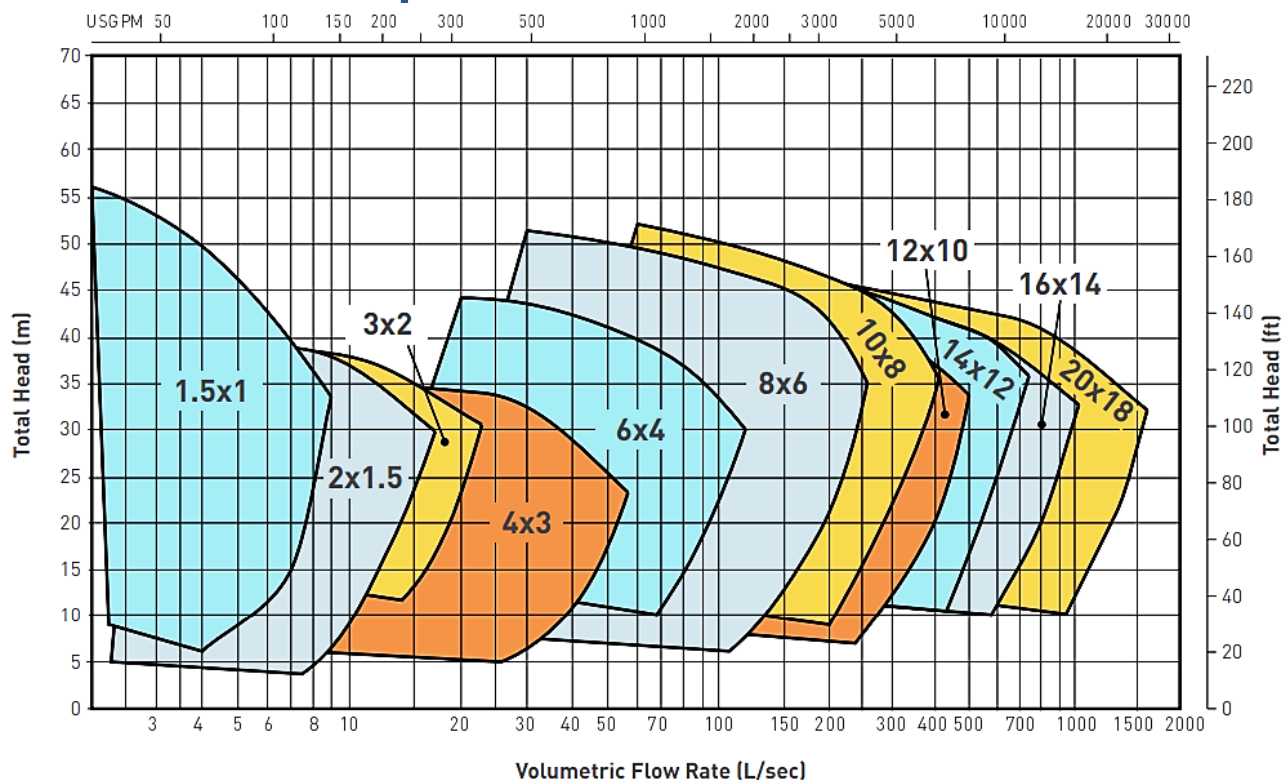
Pump Performance

WX Metal-Lined Pumps

Performance curves below are shown for specific gravity of 1.0. Contact Atlas to discuss pump selections for specific applications.



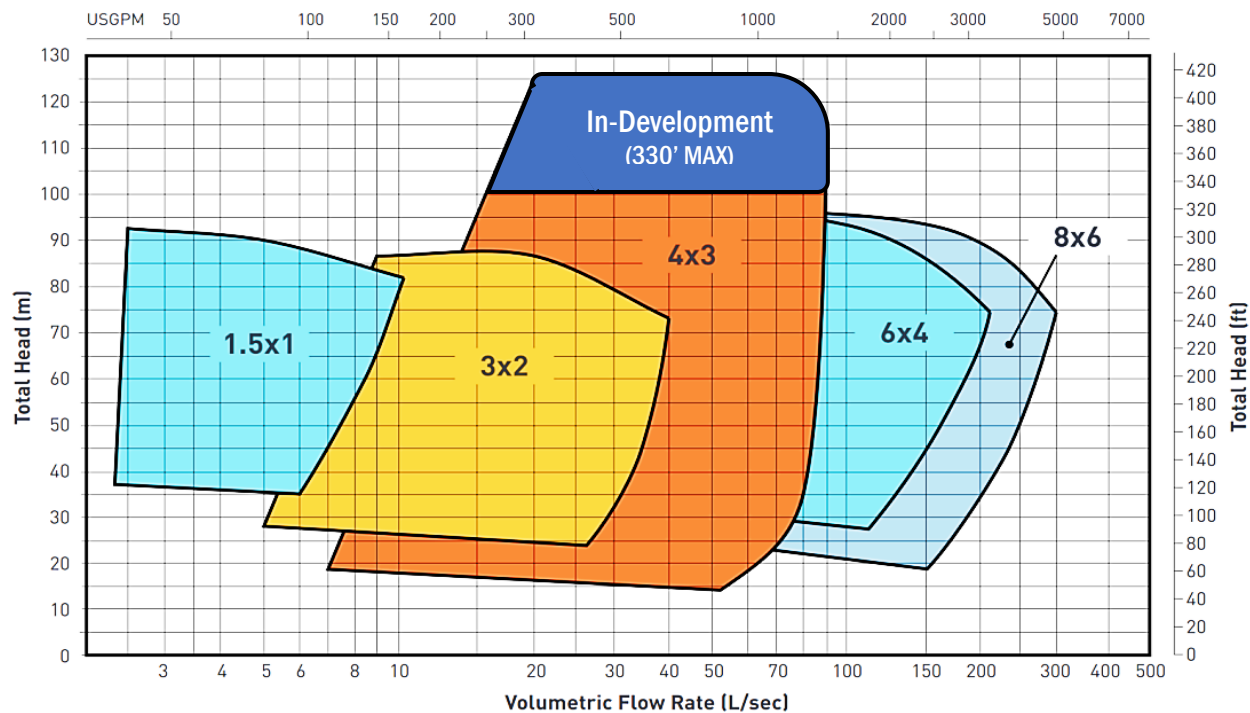
WXR Rubber-Lined Pumps



Pump Performance

WXH High-Head Pumps

Performance curves below are shown for specific gravity of 1.0. Contact Atlas to discuss pump selections for specific applications.



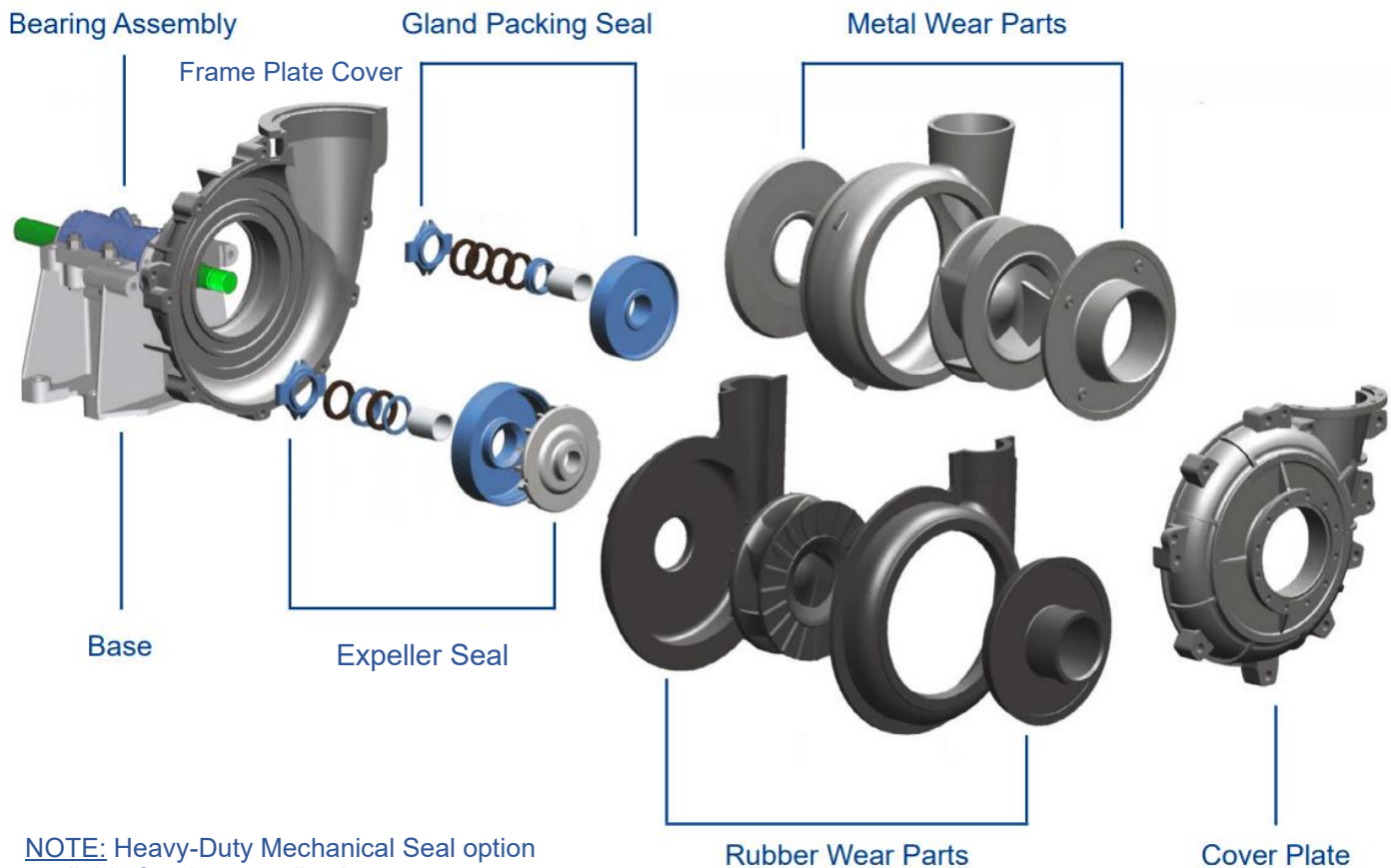
3x2 WXR Pump



6x4 WX Pump

Pump Components

WX Pump Component View



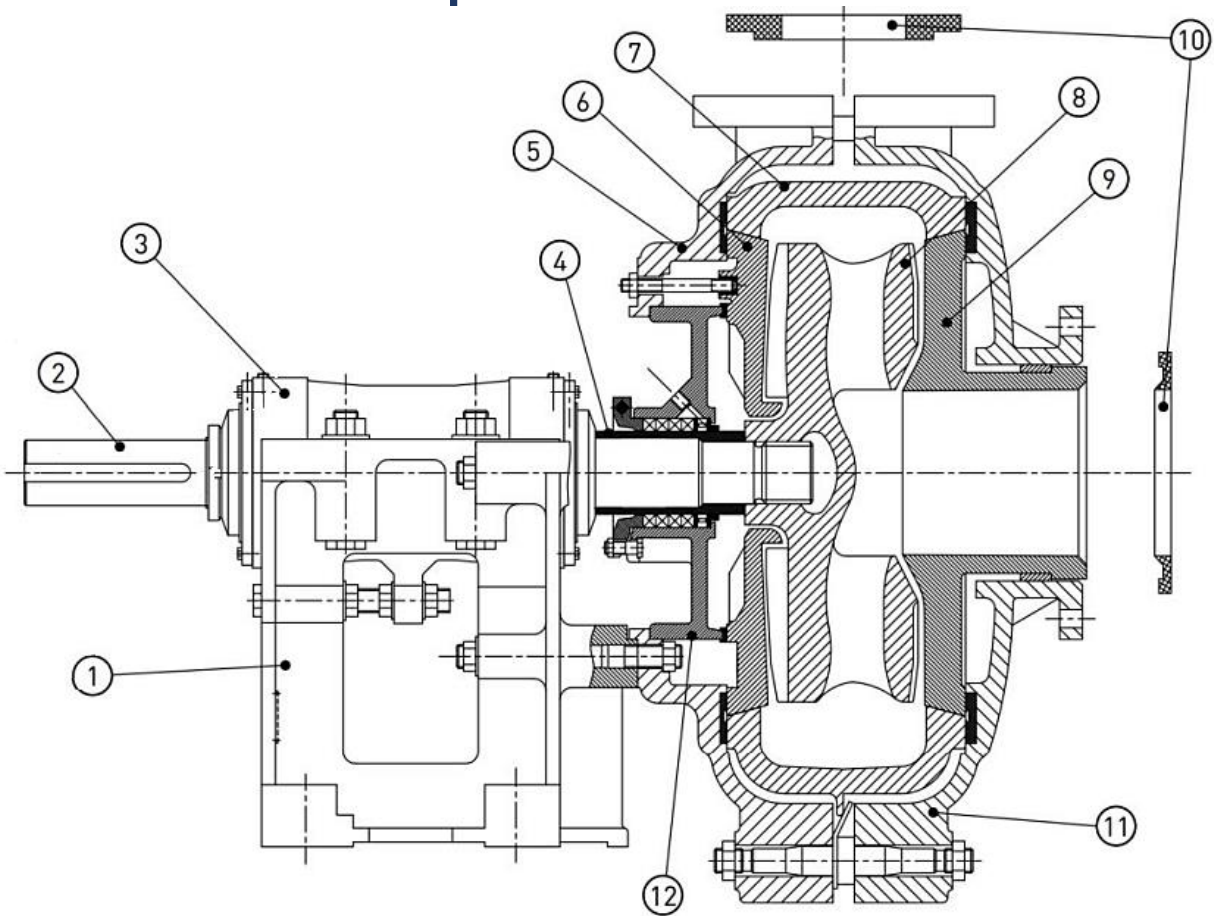
14x12 WX Pump



2x1.5 WX Pump

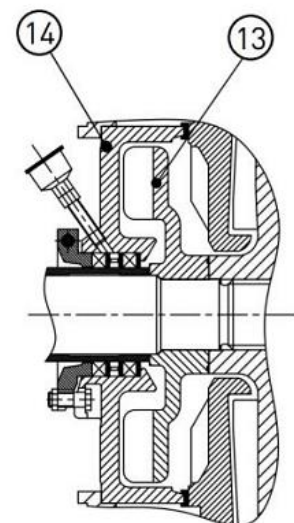
Pump Component Data

WX Series Metal-Lined Pump



No.	Part Description	Material Specification
1	Base	Cast Iron
2	Shaft	4140 High Tensile Steel*
3	Bearing Assembly	Timken/SKF (Cast Iron Body)
4	Shaft Sleeve	Hardened 450 BHN Steel
5	Frame Plate Cover	Ductile Iron
6	Frame Plate Liner	27% Chrome White Iron
7	Volute Liner	27% Chrome White Iron
8	Impeller	27% Chrome White Iron
9	Throat Bush	27% Chrome White Iron
10	Joint Rings	Rubber
11	Cover Plate	Ductile Iron
12	Stuffing Box	Cast Iron or Other Alloy(s)
13	Expeller	27% Chrome White Iron
14	Expeller Ring	27% Chrome White Iron
	Bolts	Zinc-Plated Steel
	O-Rings	Nitrile Rubber
	Seals	Rubber

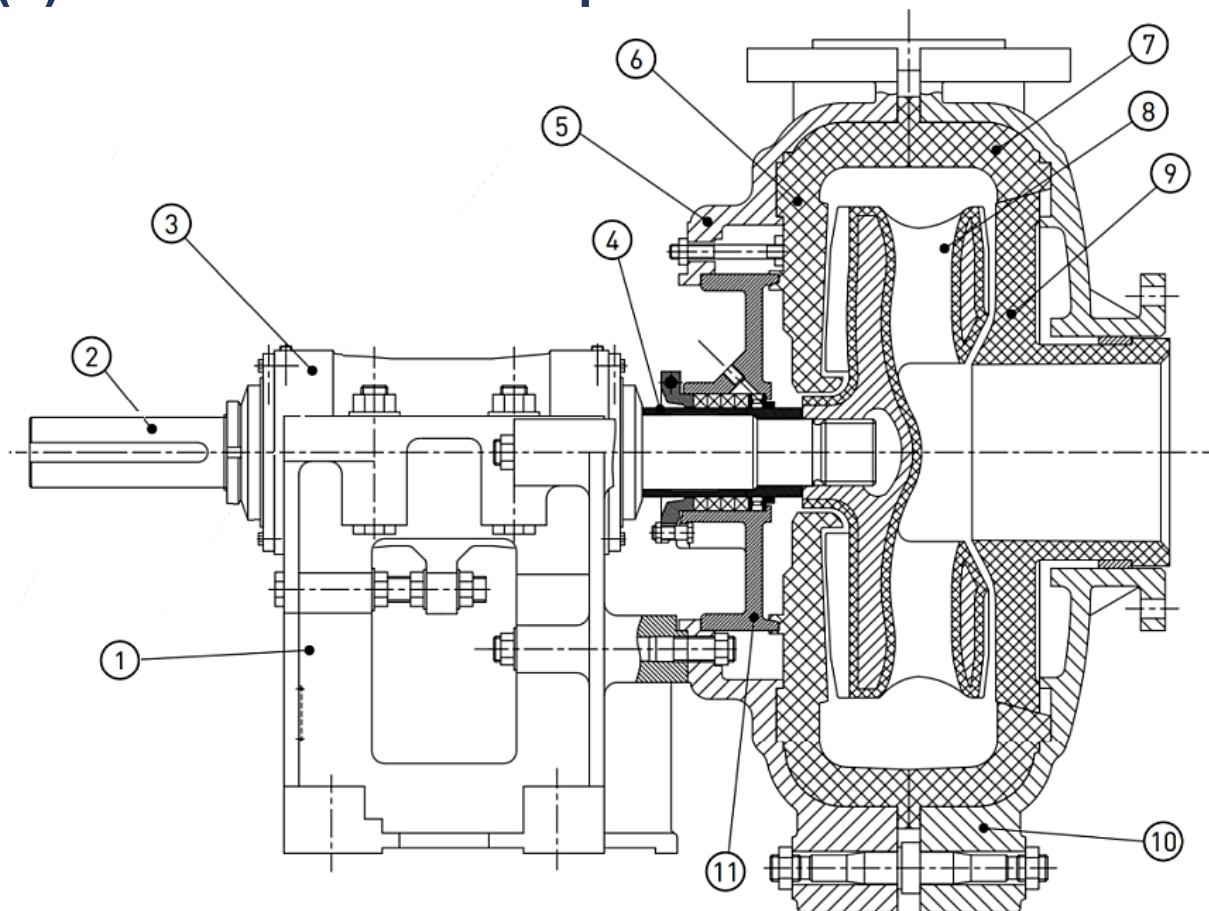
*Alternative shaft material options available



Expeller Seal

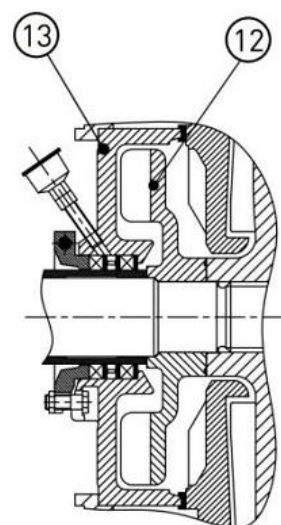
Pump Component Data

WX(R) Series Rubber-Lined Pump



No.	Part Description	Material Specification
1	Base	Cast Iron
2	Shaft	4140 High Tensile Steel*
3	Bearing Assembly	Timken/SKF (Cast Iron Body)
4	Shaft Sleeve	Hardened 450 BHN Steel
5	Frame Plate Cover	Ductile Iron
6	Frame Plate Liner Insert	Rubber
7	Cover Plate Liner	Rubber
8	Impeller	Rubber-Coated High Tensile Steel Skeleton
9	Throat Bush	Rubber
10	Cover Plate	Ductile Iron
11	Stuffing Box	Cast Iron or Other Alloy(s)
12	Expeller	27% Chrome White Iron (A05)
13	Expeller Ring	27% Chrome White Iron (A05)
	Bolts	Zinc-Plated Steel
	O-Rings	Nitrile Rubber
	Seals	Rubber

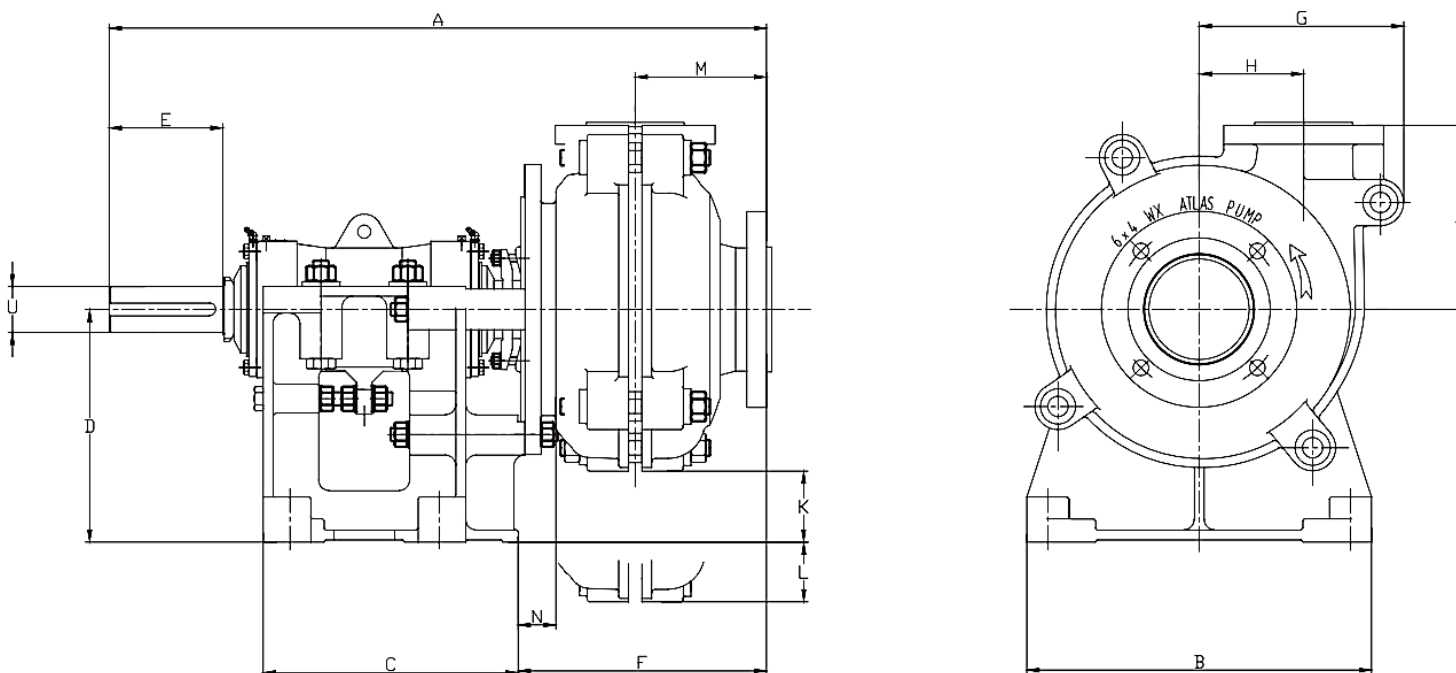
*Alternative shaft material options available



Expeller Seal
(Rubber Available)

Pump Dimensional Data

WX Series - General Arrangement 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

CHANGE

YOUR

ATLAS
EQUIPMENT CO.



Atlas products interchange with legacy Warman, Galigher, Ash and many other popular slurry pump brands.

MINE

Quotes in **HOURS**. Parts in **DAYS**.



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