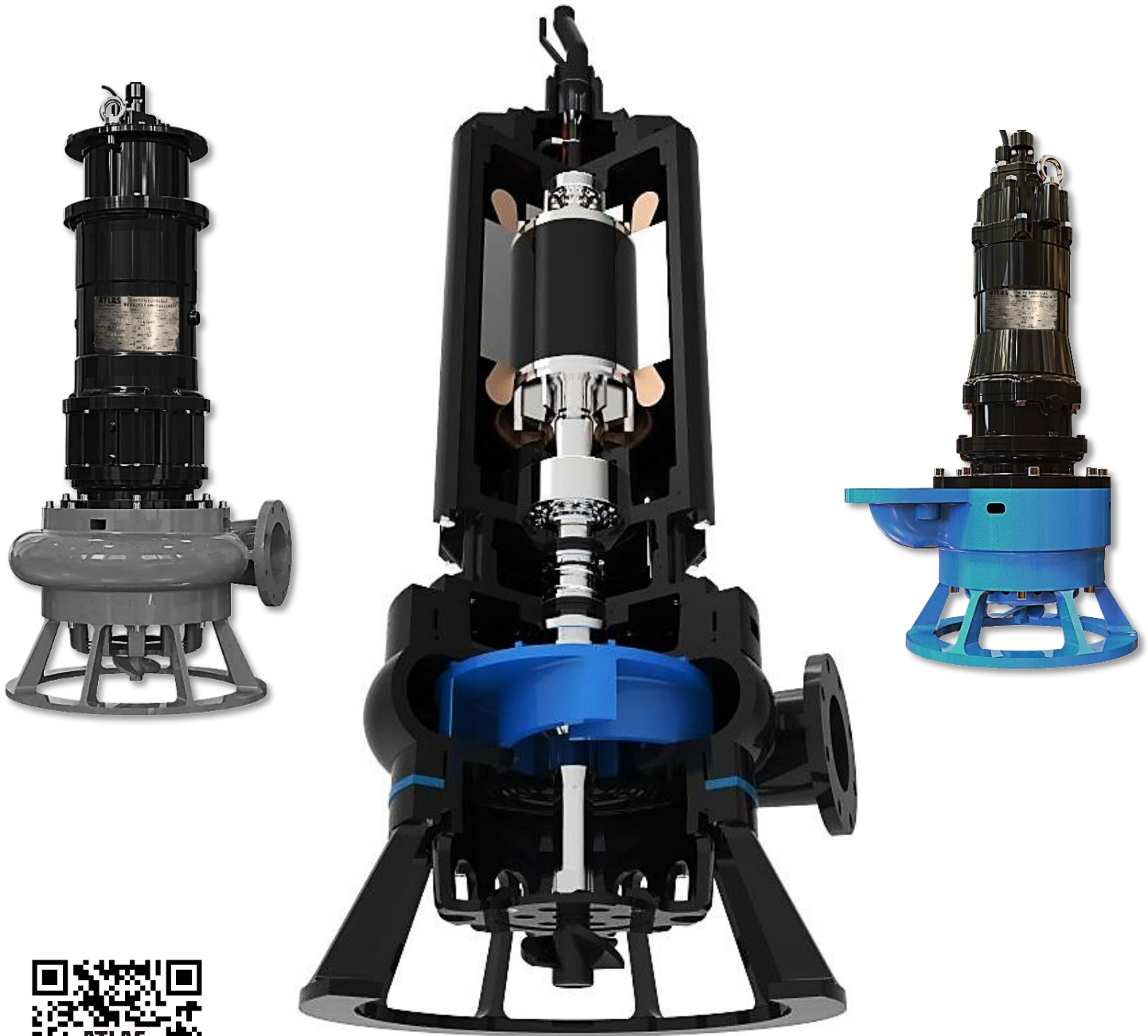


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EQUIPMENT CO.

QUOTES IN HOURS. PARTS IN DAYS.



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XS Series



FORGED

to handle the toughest submersible applications- **FOR LIFE!**

XS Series (Submersible)

Atlas XS pumps are found in many various applications:

Pump Applications	XS
Coal Pile Runoff	X
Coal Crusher Sumps & Fines Recovery	X
Clarifier Sludge	X
Slag & Scale Pits	X
Flue-Gas Desulfurization Blowdown Sumps	X
Weir Overflow	X
Dredging	X
Fracking	X
Bottom Ash Transport	X
Decanting, Recycle Water & Unload Sumps	X

NOTE: Not all applications shown



Atlas XS-50L Pump



Atlas XS-200M Pump

Guaranteed to be 100% Made in...

AMERICA

...from first pour to final paint.*



XS Series (Submersible)



Features:

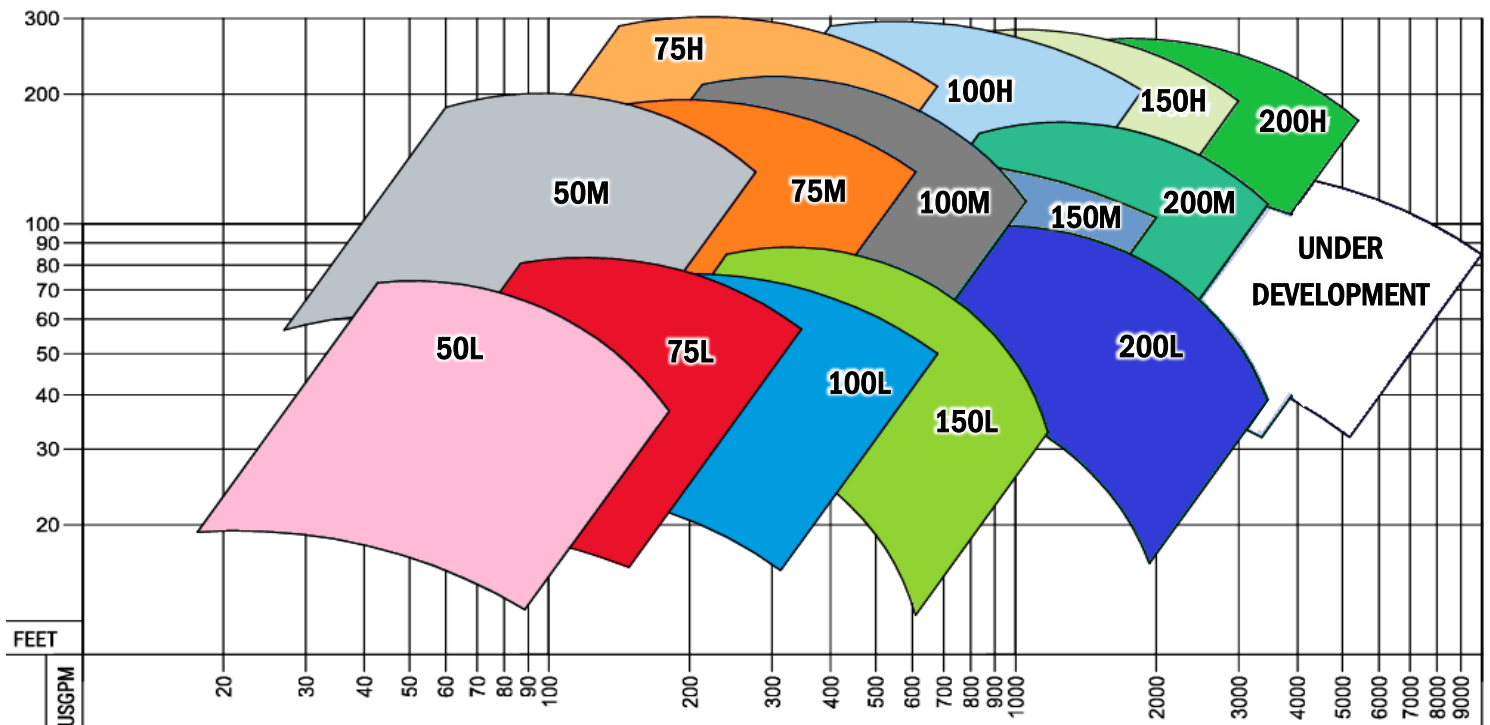
- 100% Made in the USA
- 316 Stainless Steel Hardware
- High-Chrome (28%) Iron Construction
- Slurry Particle Ejection Ports & Agitator for Stringy Solids
- Internal Slurry Seal (Continuous Run Dry Capable) or Optional Explosion-Proof Seal
- 17-4 pH Non-Cast Wet End Components Standard or Optional Alloy 2205
- 416 Stainless Steel Shaft or Optional in 17-4 pH / 316 Stainless
- Optional Explosion-Proof Motor Enclosure per Class 1 Groups C&D
- 150# ANSI B16.5 Flange Standard for Pump Discharge
- High Strength Ductile Iron Stand ASTM 536 Gr.80-55-06 or Optional 316 Stainless
- Sizes from 2" to 8" with 10" pump currently under development!

**XS pumps are 100% MADE IN THE USA!*

Pump Performance

XS Submersible Pumps

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



Low Pressure (L)

Model	XS-50L	XS-75L	XS-100L	XS-150L	XS-200L	UNDER DEVELOPMENT
Discharge Size in. (mm)	2 (50)	3 (75)	4 (100)	6 (150)	8 (200)	
Impeller Diameter in. (mm)	8.5 (215)	8.5 (215)	9.1 (230)	9.8 (250)	15.4 (390)	
Max. Solid Size in. (mm)	0.63 (16)	0.86 (22)	1.26 (32)	1.26 (32)	1.56 (40)	
Nominal Shaft Speed 60hz (50hz)	1200 (1000), 1800 (1500)				720 (600) 900 (750) 1200 (1000)	
Motor Size HP (KW)	2-20 (1.5-15)	2-20 (1.5-15)	2-20 (1.5-15)	15-75 (11-55)	20-250 (15-186)	

Medium Pressure (M)

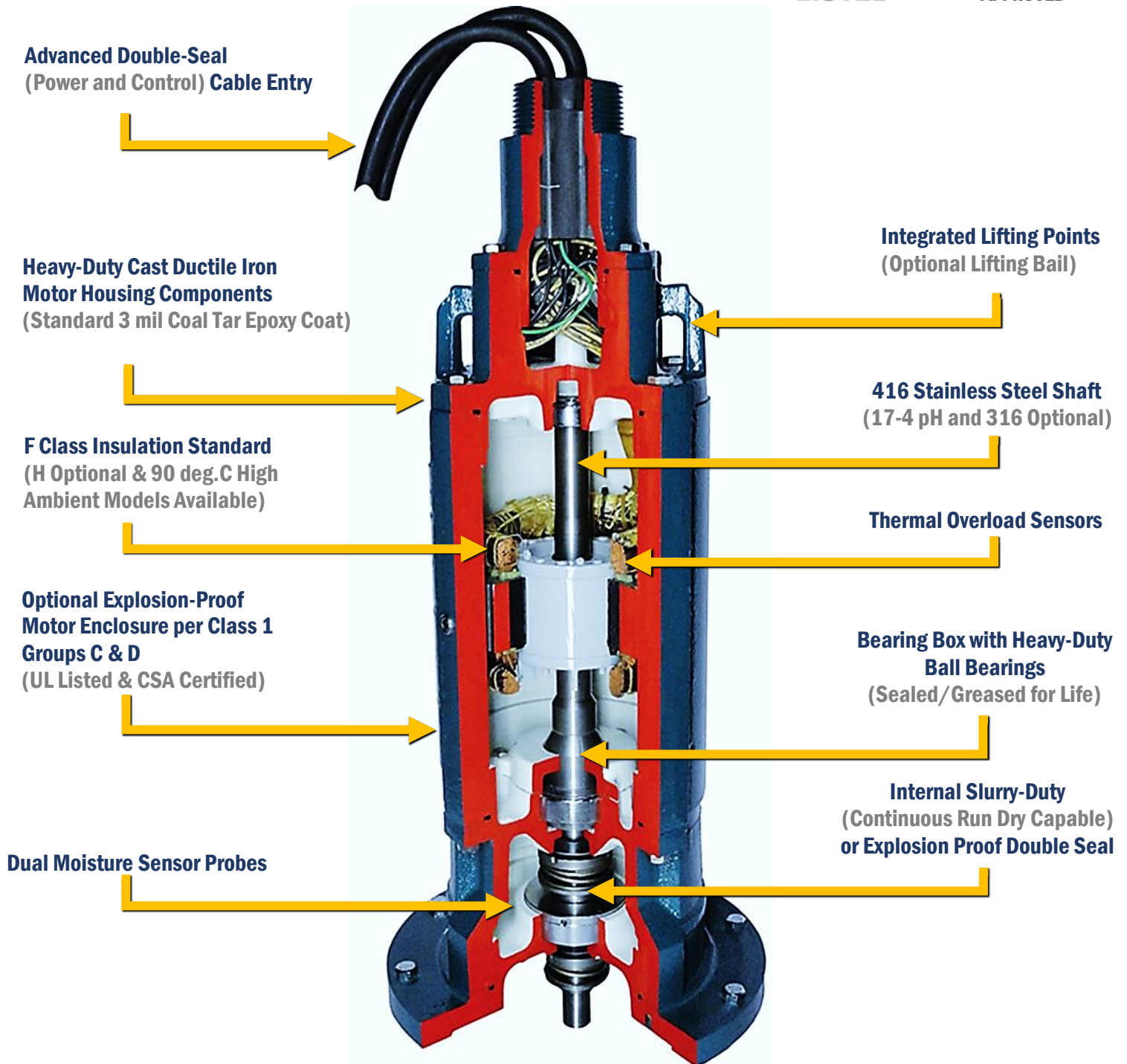
Model	XS-50M	XS-75M	XS-100M	XS-150M	XS-200M	UNDER DEVELOPMENT
Discharge Size in. (mm)	2 (50)	3 (75)	4 (100)	6 (150)	8 (200)	
Impeller Diameter in. (mm)	13.4 (340)	13.4 (340)	13.4 (340)	16.9 (340)	18.5 (430)	
Max. Solid Size in. (mm)	0.63 (16)	1.38 (35)	1.56 (40)	2.16 (55)	2.36 (60)	
Nominal Shaft Speed 60hz (50hz)	900 (750), 1200 (1000), 1800 (1500)			720 (600), 900 (750), 1200 (1000)		
Motor Size HP (KW)	15-75 (11-55)	15-75 (11-55)	15-75 (11-55)	20-250 (15-186)	20-250 (15-186)	

High Pressure (H)

Model	XS-75H	XS-100H	XS-150H	XS-200H	UNDER DEVELOPMENT
Discharge Size in. (mm)	3 (75)	4 (100)	6 (150)	8 (200)	
Impeller Diameter in. (mm)	15.8 (400)	15.8 (400)	22.8 (580)	22.8 (580)	
Max. Solid Size in. (mm)	1.38 (35)	1.56 (40)	2.16 (55)	2.36 (60)	
Nominal Shaft Speed 60hz (50hz)	900 (750), 1200 (1000), 1800 (1500)		720 (600), 900 (750), 1200 (1000)		
Motor Size HP (KW)	20-250 (15-186)	20-250 (15-186)	75-400 (55-297)	75-400 (55-297)	

Pump Component Data

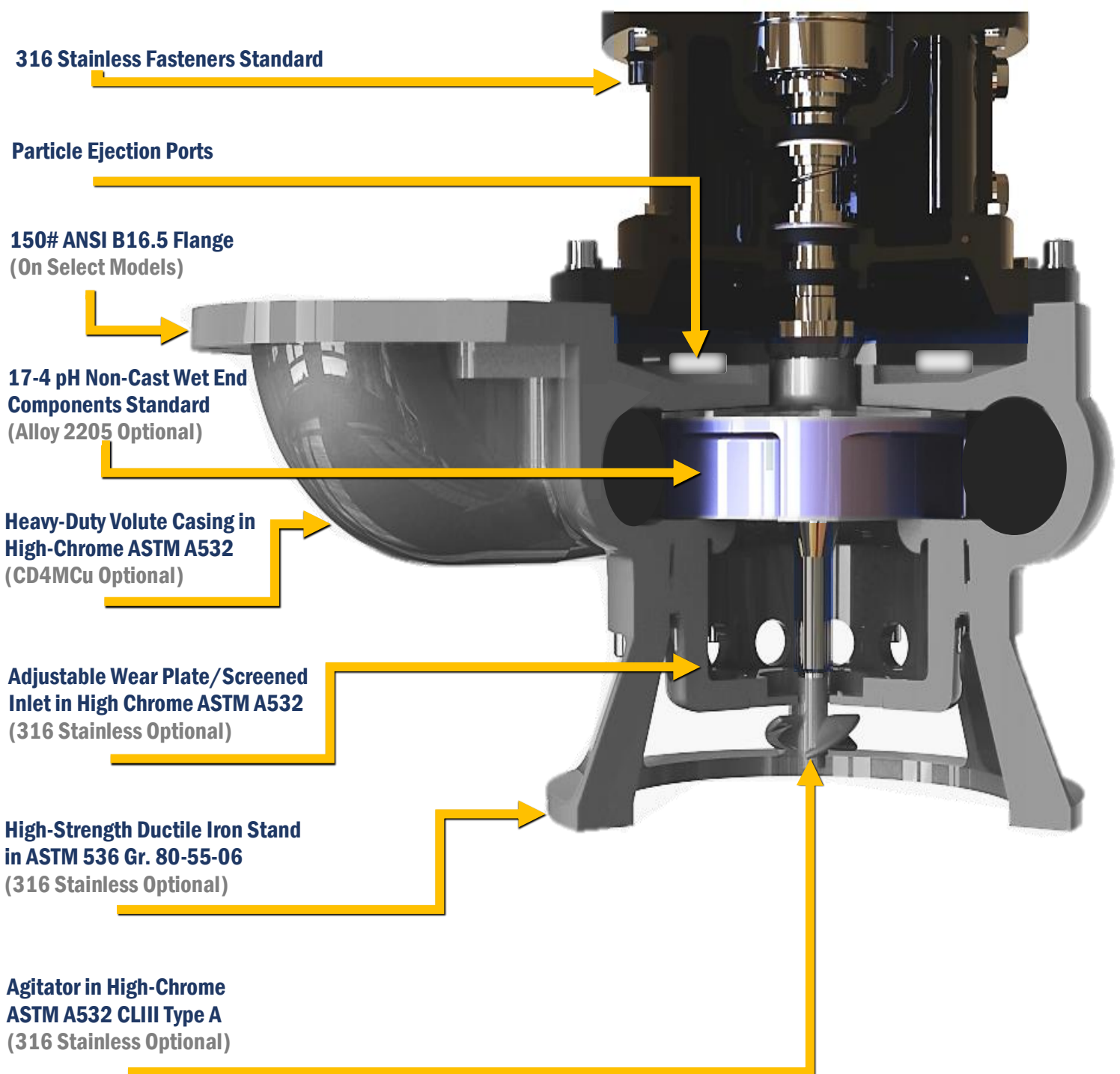
XS Pump - Motor & Seal Details



Actual Pump Cut-Section Shown

Pump Components

XS Pump – Wet End Details



Pump Components

XS Pump – Optional Features

Moisture Detector:

- Works together with probes in seal chamber
- Prolongs performance
- NEMA4 Enclosure
- Senses moisture if seal fails and signals control panel to shut down motor



Sparge (Jet) Ring:

- Stainless spray ring providing high pressure water near suction to provide further suspension of heavy solids that are prone to settle



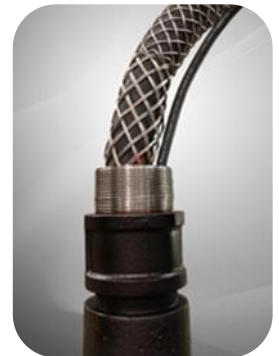
Super Slurry Seal:

- Features duplex stainless construction, silicon carbide faces and encapsulated spring design for the most severe environments
- Suitable for both standard and explosion-proof motors



Atlas Cable Guard:

- Protects cable connection
- Prevents excessive force on cable to prevent binding and avoid damage



Target Markets

XS Pump Markets & Common Applications

MINING

- Floor Clean-Up Sumps
- Dust Suppression
- Conveyor Sumps
- Magnetite Recovery
- Concentrate Sumps
- Tunnel Sumps

POWER

- Coal Pile Runoff
- Fly Ash Sumps
- Coal Tunnel
- Ash Ponds
- Wastewater Clean-Up Sumps
- FGD Blowdown Sumps

STEEL

- Coal Pile Runoff
- Scale Pit
- Slag Pit
- Swarf Box
- Flume Flush
- Interceptor Pump

SAND & GRAVEL

- Weir Overflow
- Recycle Water
- Cyclone Feed
- Dust Suppression
- Wheel Wash Sump
- Dredging

MADE IN THE

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EQUIPMENT CO.

USA*



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*Atlas XS models made in USA, State of Alabama, not applicable to other models. Does not apply to other product lines.