



H SERIES PUMPS

High-Capacity, High-Efficiency



H SERIES – HIGH-CAPACITY CENTRIFUGAL PUMP

Performance, Exceptional Efficiency and Parts Flexibility

Experience the power and precision of the Ampco H Series sanitary centrifugal pump. Engineered for optimal hydraulic performance, these pumps offer a wide range of flow rates and head pressures to meet the diverse demands of your process.

The H Series utilizes a standard interchangeable one size seal design for all low-volume, standard and high-volume models, saving cost and adding flexibility of on-hand spares.

FEATURES:

- Low NPSH Application Requirements
- One Size Seal Design for all Models
- Low-Volume, Standard and High-Volume Models
- Ease of Assembly and Maintenance
- 316L Stainless Steel Construction
- Balanced Impellers
- Multiple Fitting Options
- Close-Coupled on JM Frame Motors
- CIP-able
- High Efficiency

OVERVIEW:

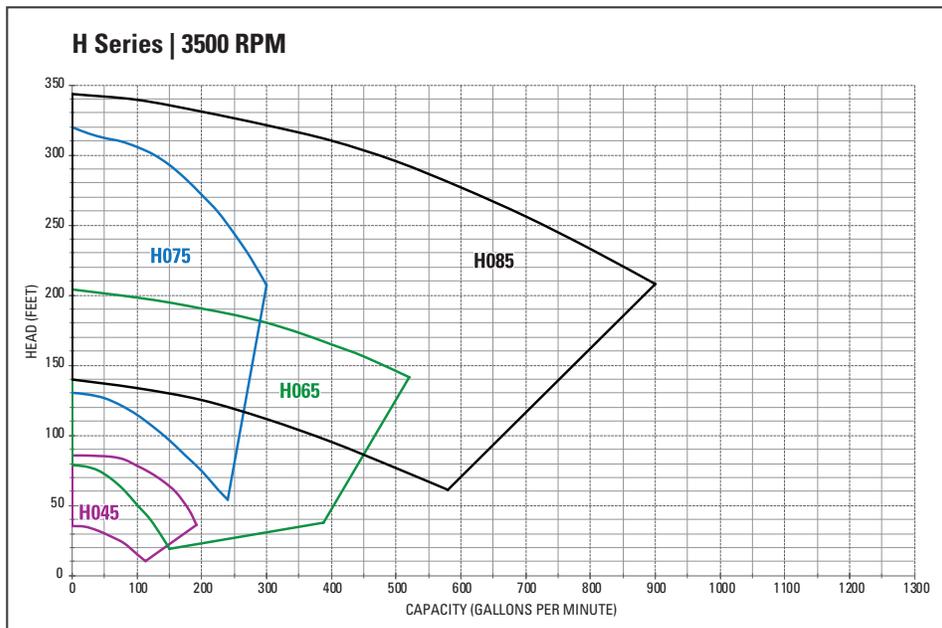
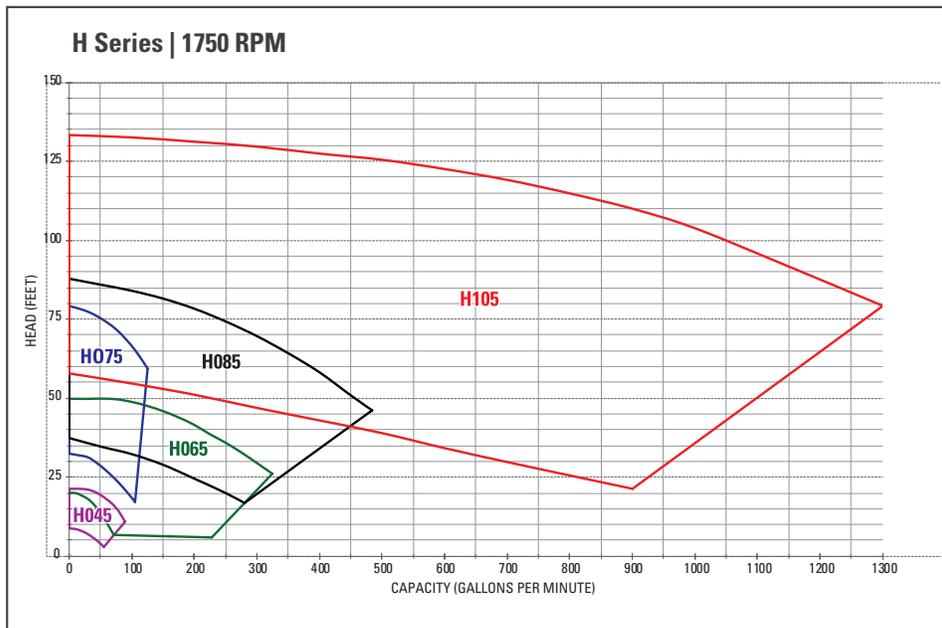
- **Models:** 8
- **Max Flow Rate:** 1300 GPM / 295 m³/hr
- **Max Viscosity:** 500 cP
- **Max Discharge Pressure:** 340' / 147 PSI / 10 BAR
- **Available Seal Options:** 3 Options
- **Temp Rating:** Up to 400°F / 203°C



AMPCO MODEL	INLET		OUTLET		MAX. IMPELLER SIZE		MAX. CAPACITY				MAX. HEAD			
	in	mm	in	mm	in	mm	1750 RPM		3500 RPM		1750 RPM		3500 RPM	
							gpm	m ³ /hr	gpm	m ³ /hr	ft	m	ft	m
H045	1.5	38	1.5	38	4.5	114	90	20	150	34	22	7	90	27
	2	51	1.5	38			90	20	180	41	22	7	90	27
H065LV	1.5	38	1.5	38	6.5	165	100	22	125	28	44	13	180	55
	2	51	1.5	38			80	18	190	43				
	2.5	64	1.5	38			100	22	190	43				
H065	2.5	64	2	51	6.5	165	245	56	400	91	47	14	190	58
H065HV	3	76	2	51	6.5	165	325	74	500	114	50	15	200	61
H075	3	76	1.5	38	8.7	221	125	28	300	68	80	24	320	98
H085LV	2	51	1.5	38	8.7	221	70	16	130	30	81	25	330	101
H085	3	76	2.5	64	8.7	221	480	109	650	148	85	26	342	104
	4	102	2.5	64			480	109	840	191				
H105	4	102	4	102	10.5	267	1100	250	N/A		130	40	N/A	
	6	152	4	102			1300	295	N/A		130	40	N/A	

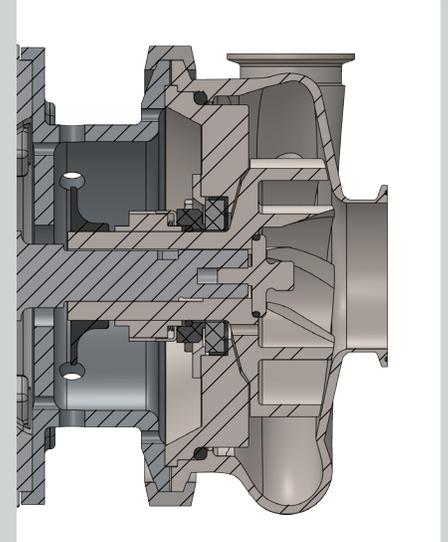
100% hydraulically and dimensionally, part-for-part interchangeable, with competing 200 Series pumps. Replacing is drop in and go.

PERFORMANCE CURVES:

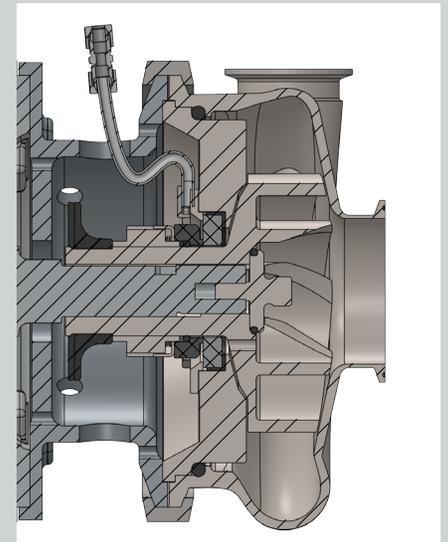


AVAILABLE SEAL OPTIONS:

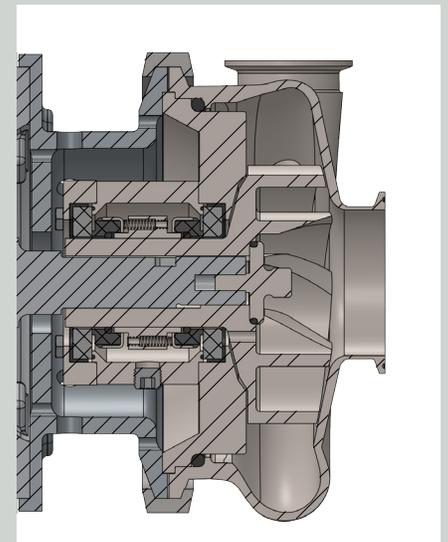
Single Mechanical (Type 1)



Single Mechanical with Water Cascade



Double Mechanical (Type 4)





COMMON APPLICATIONS

Bakery and Confectionery

- Batters
- Fats & Oils
- Flavorings
- Sweeteners
- Yeast Slurry
- Syrups

Beverage

- Juices
- Concentrates
- Beer
- Wine
- Spirits

Dairy

- Whey
- Cream, Milk
- Sweetened Condensed
- RO/UF Systems

Chemical/Industrial

- Detergents
- Dyes
- Soap Liquors & Solutions
- Ammonium Nitrate
- Propyl Alcohol
- Potassium Chloride
- Sodium Acetate

Pharmaceutical/Cosmetics

- Emulsions
- Extracts
- Slurries
- Syrups
- High Purity Water
- WFI (Water for Injection)
- Dyes, Alcohols
- Essential Oils

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