

AN ISO 9001 Company

HORIZONTAL MULTI-STAGE
CENTRIFUGAL PUMP
AHM SERIES



www.aro-w.com

AROW
SOLUTIONS

AROW SOLUTIONS ESPAÑA S.L.
Avenida Aragon.40
46021.Valencia . España

Tel:+34.627.058.766
admin@aro-w.com



HORIZONTAL MULTISTAGE PUMPS AHM SERIES

AROW Horizontal multi-stage centrifugal pumps are engineered to perfection with innovative design and stringent quality control for trouble free operation. These pumps are robust in construction and tested to a high standard of excellence. High grade materials are used to make these pumps durable, efficient and easy to maintain and all rotating parts are statically & dynamically balanced shaft is made of high quality steel, precision ground of ample size for transmitting the rated horsepower.

These Horizontal multi-stage centrifugal pumps are of Single Suction, non-self priming type. The impellers are of radial flow design and are balanced to handle hydraulic axial thrust. Pump shaft is supplied by roller contact or sliding bearings, and balancing plate is provided to withstand axial force and avoid excessive abrasion of rotating parts. Pumps are available with oil lubricating bearings for high head operation & high temperature liquids from 80 °C to 160 °C. Based on application directions of the inlet & outlet ports can be fixed upward or right or left side. These pumps are also available with multi outlets for specific applications.

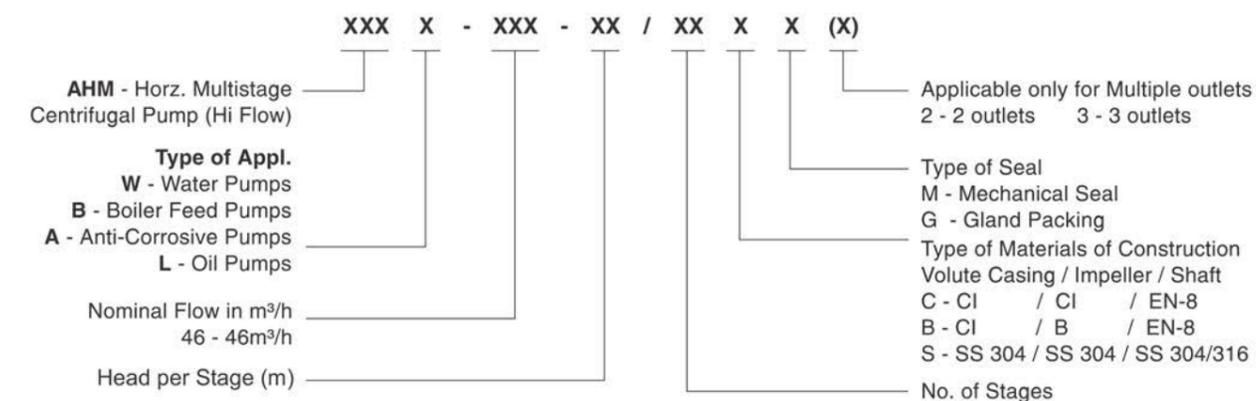
Generally these pumps are used to transfer clear water without solid particles and are also used to transfer oil, corrosive & abrasive chemicals, liquids without any solid particles. For which suitable materials of construction and sealing type to be chosen.

These pumps can be coupled either with electric motors or IC engines.

Features :

- Dynamically balanced rotating parts
- Rigid Constructions
- High operating efficiency
- Heavy duty bearings ensure long life
- Available with different MOC & wide range for various applications
- Available both in mechanical seal and soft packed stuffing box design
- Available with multi outlets
- These pumps are supplied with Roller bearings with grease lubrication and Sliding bearing with thin oil lubrication is used for high head and high temperature liquid applications.

Model Identification Code



AHMW - 280 - 43/3M : 3stage, 280m³/h, 43m per stage, Horz. Multistage Pump for clear water with M. Seal

Applications

- | | |
|--------------------------------|-----------------------------------|
| • General Water supply | • Dewatering |
| • Drinking water transfer | • Various industrial applications |
| • Boiler feed | |
| • Pressure Boosting | |
| • Irrigation | |
| • Hot & cold water circulation | |
| • HVAC | |
| • Fire fighting | |
| • Power Plants | |

Operation Limits

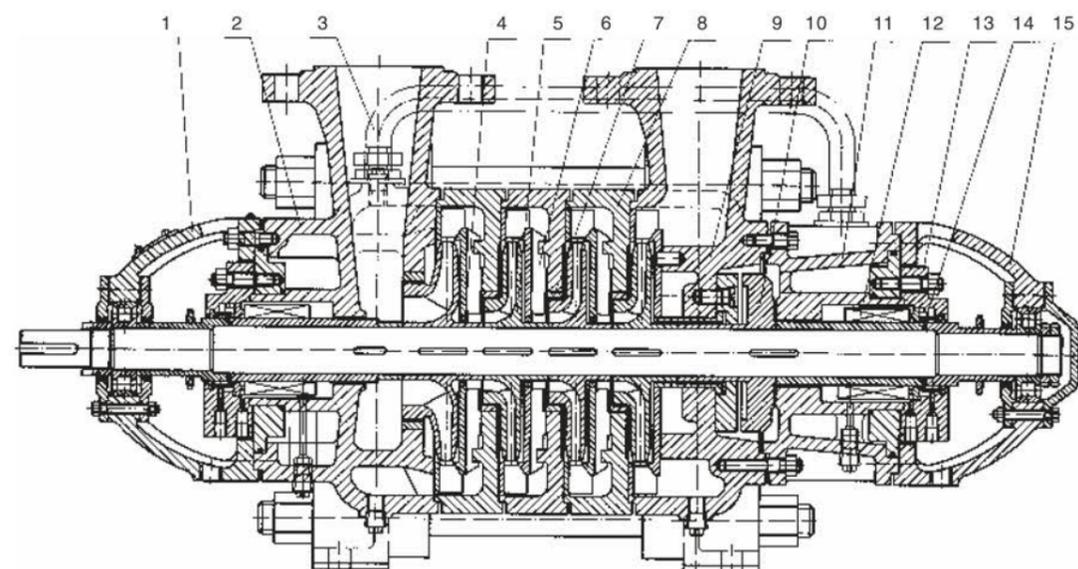
Outlet Size range	DN 40 to DN 300 mm
Flow Range	up to 850 m ³ /hr
Head Range	
AHMW, HMA & HML	up to 816 m
AHMB	up to 1110 m
Speed	1450 & 2900 rpm
Operating Temperature	
AHMW	< 80 Deg C
AHMA & HML	- 20 to 105 Deg C
AHMB	- 20 to 160 Deg C

Material of Construction

Pump / Stage Casing	Cast Iron / Cast SS / Duplex Steel
Impeller	Cast Iron/ Cast SS / Bronze / Phosphor Bronze / Chrome Steel / Duplex Steel
Casing Wear ring	Cast Iron / Bronze / Steel
Shaft	Carbon Steel / Stainless Steel
Shaft Sleeve	Stainless Steel
Connecting Rods	Carbon Steel / SS 420

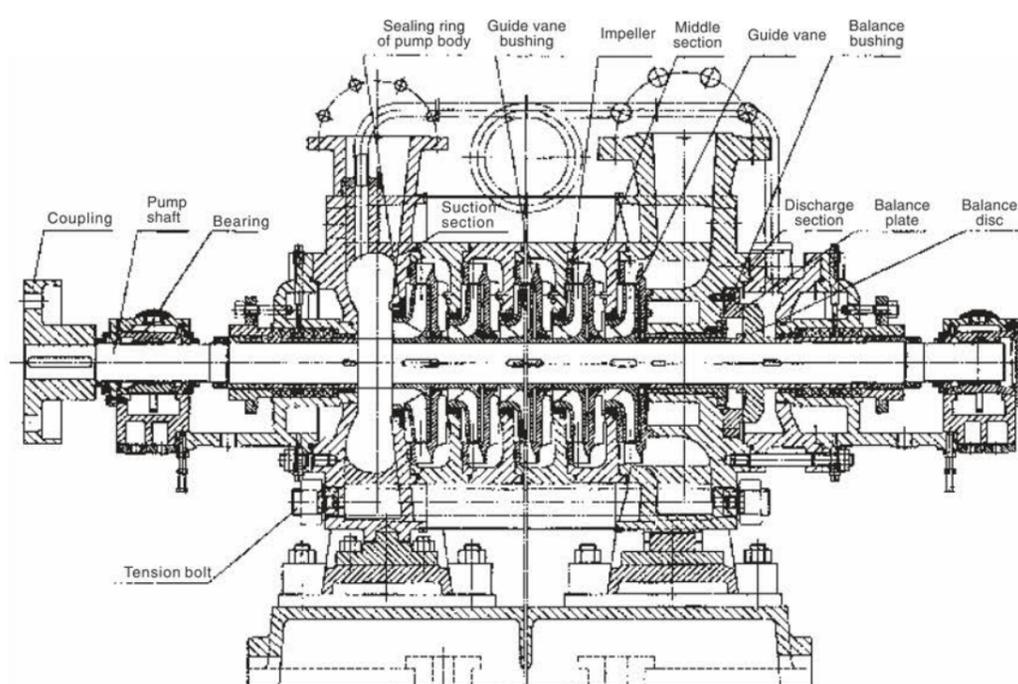
Cross Sectional Drawing - AHMB Pump (Low/medium Pressure)

Mechanical Seal

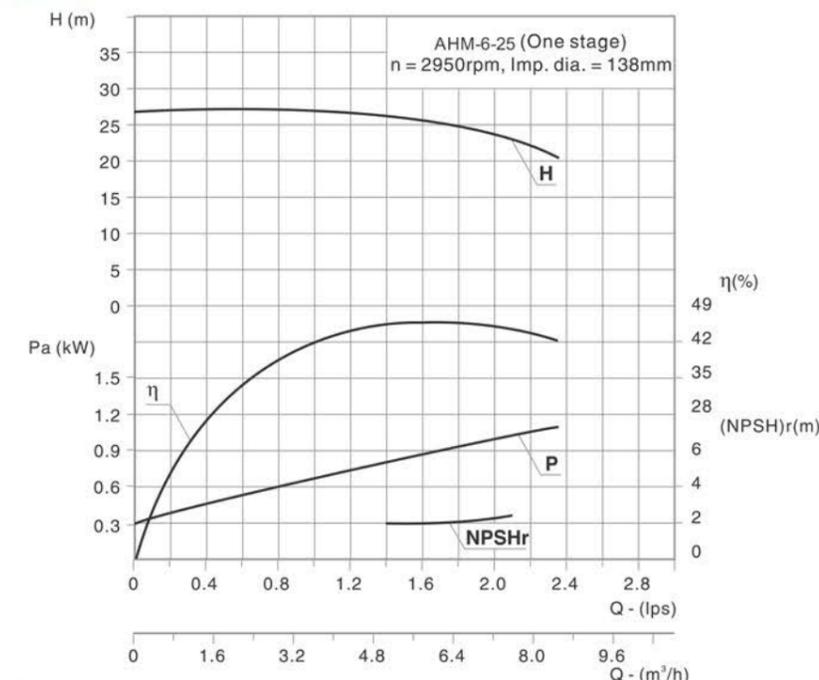


No	Name	No	Name	No	Name
1	Bearing Body	6	Guide Vane	11	Tail Hood
2	Water Inlet Section	7	Sealing Ring	12	Mechanical seal part
3	Balance Pipe	8	Middle Section	13	Gland Of Water-cooling Mechanical Seal
4	Guide Vane Bushing	9	Water Outlet Section	14	O-ring
5	Impeller	10	Balance Disc	15	Bearing Part

Cross Sectional Drawing- AHMB Pump (High Pressure)



Performance Curve



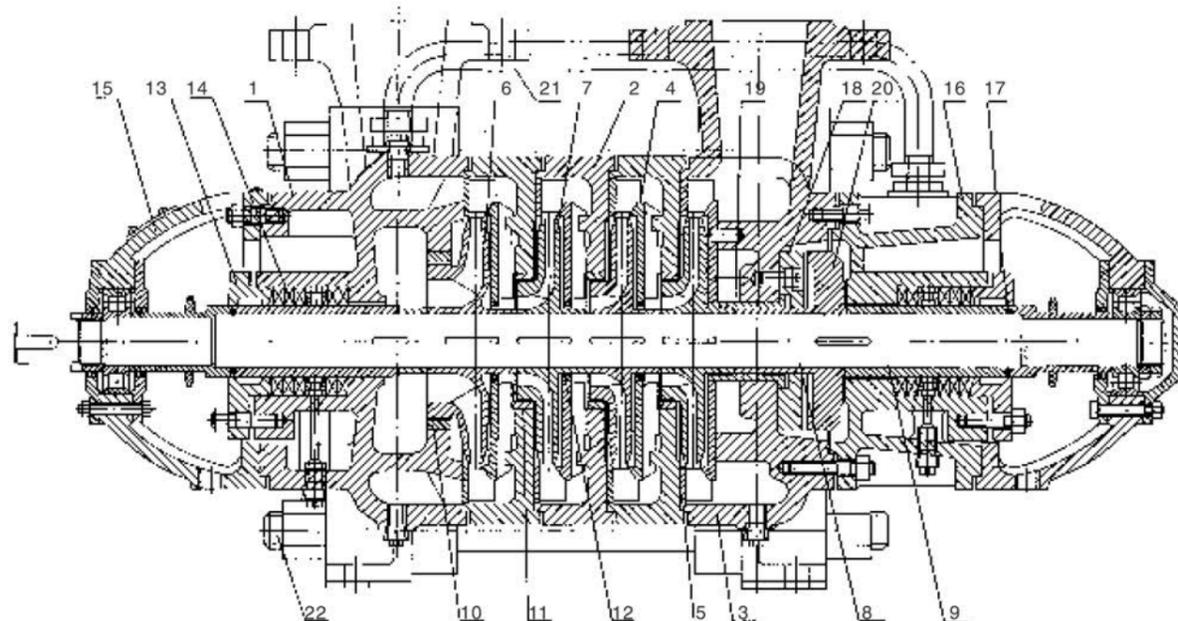
Performance Table

Stage	Q Flow		H Head (m)	n Speed (rpm)	η Eff. (%)	N Shaft Power (kW)	Motor		(NPSH) _r (m)	D Impeller Diameter (mm)
	(m ³ /h)	(L/s)					Power (kW)	Frame Size - Pole		
2	3.75	1.04	51	2950	35	1.49	3	100L-2	2.0	Ø138
	6.3	1.75	50		46.5	1.84			2.0	
	7.5	2.08	49		48	2.08			2.5	
3	3.75	1.04	76.5		35	2.23	5.5	132S1-2	2.0	
	6.3	1.75	75		46.5	2.77			2.0	
	7.5	2.08	73.5		48	3.12			2.5	
4	3.75	1.04	102		35	2.98	7.5	132S2-2	2.0	
	6.3	1.75	100		46.5	3.69			2.0	
	7.5	2.08	98		48	4.16			2.5	
5	3.75	1.04	127.5		35	3.73	7.5	132S2-2	2.0	
	6.3	1.75	125		46.5	4.61			2.0	
	7.5	2.08	122.5		48	5.20			2.5	
6	3.75	1.04	153	35	4.47	11	160M1-2	2.0		
	6.3	1.75	150	46.5	5.53			2.0		
	7.5	2.08	147	48	6.24			2.5		
7	3.75	1.04	178.5	35	5.22	11	160M1-2	2.0		
	6.3	1.75	175	46.5	6.45			2.0		
	7.5	2.08	171.5	48	7.28			2.5		
8	3.75	1.04	204	35	5.96	15	160M2-2	2.0		
	6.3	1.75	200	46.5	7.37			2.0		
	7.5	2.08	196	48	8.32			2.5		
9	3.75	1.04	229.5	35	6.71	15	160M2-2	2.0		
	6.3	1.75	225	46.5	8.29			2.0		
	7.5	2.08	220.5	48	9.36			2.5		
10	3.75	1.04	255	35	7.45	18.5	160L-2	2.0		
	6.3	1.75	250	46.5	9.21			2.0		
	7.5	2.08	245	48	10.40			2.5		
11	3.75	1.04	280.5	35	8.20	18.5	160L-2	2.0		
	6.3	1.75	275	46.5	10.13			2.0		
	7.5	2.08	269.5	48	11.44			2.5		
12	3.75	1.04	306	35	8.94	18.5	160L-2	2.0		
	6.3	1.75	300	46.5	11.05			2.0		
	7.5	2.08	294	48	12.48			2.5		

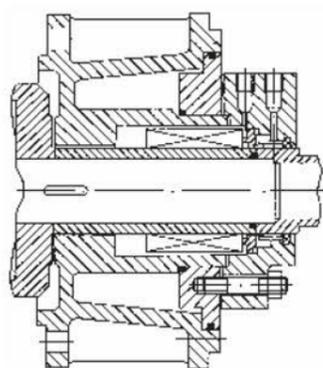
* The 3rd digit of model name 'W' indicates water application. This digit can be changed suitable for other application (Refer the model identification code).

Cross Sectional Drawing

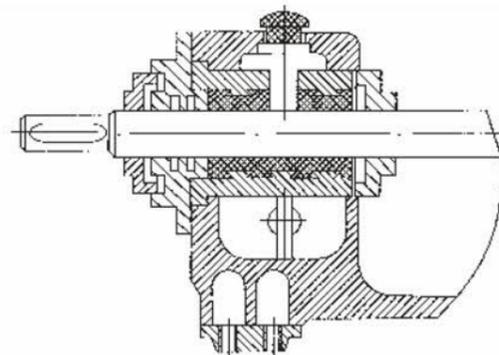
AHM (W, A & L)



No	Name	No	Name	No	Name
1	Water Inlet Section	9	Bushing	17	O-ring
2	Middle Section	10	First Stage Sealing Ring	18	Balancing Ring
3	Water Outlet Section	11	Sealing Ring	19	Balancing Ring Bushing
4	Guide Vane	12	Guide Vane Bushing	20	Balance Disc
5	End Guide Vane	13	Flange Gland	21	Balance Water Pipe Part
6	First Stage Impeller	14	Packing	22	Tension Bolt
7	Final Stage Impeller	15	Bearing Part		
8	Shaft	16	Tail Hood		



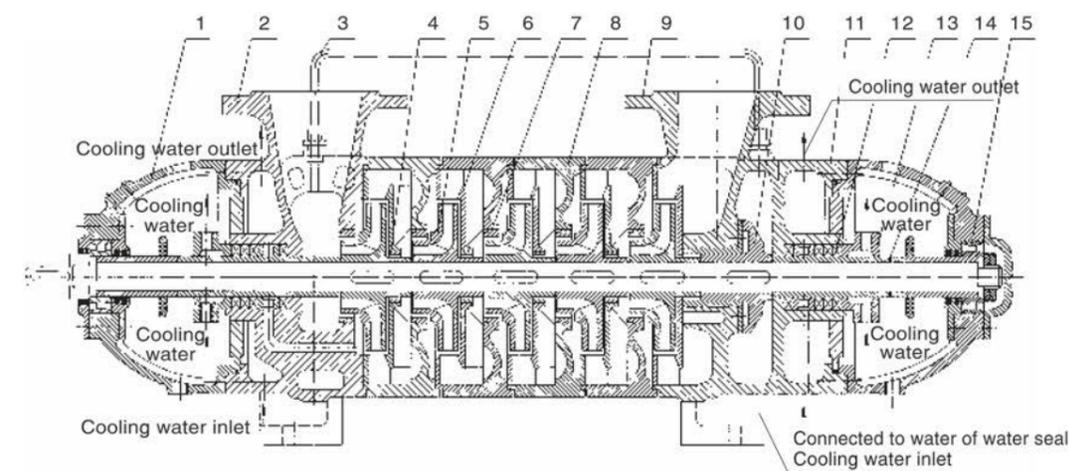
Mechanical seal structure
(Mostly adopted by HMA and HML types)



Sliding bearing structure of
HMW 85-67 or HMW 155-67

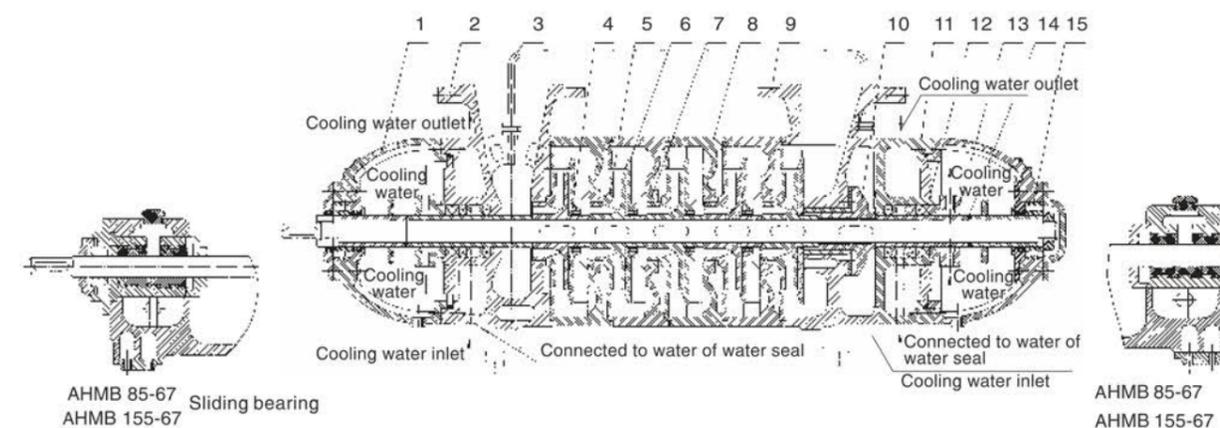
Cross Sectional Drawing-AHMB Pump (Low/medium Pressure)- Packing Seal

Water of Water Seal from the impeller outlet of the first stage



No	Name	No	Name	No	Name
1	Bearing Body	6	Guide Vane	11	Tail Hood
2	Water Inlet Section	7	Sealing Ring	12	Packing Seal Part
3	Balance Water Pipe	8	Middle Section	13	Water-cooling Flange Gland
4	Guide Vane Bushing	9	Water Inlet Section	14	O-ring
5	Impeller	10	Balance Disc	15	Bearing Part

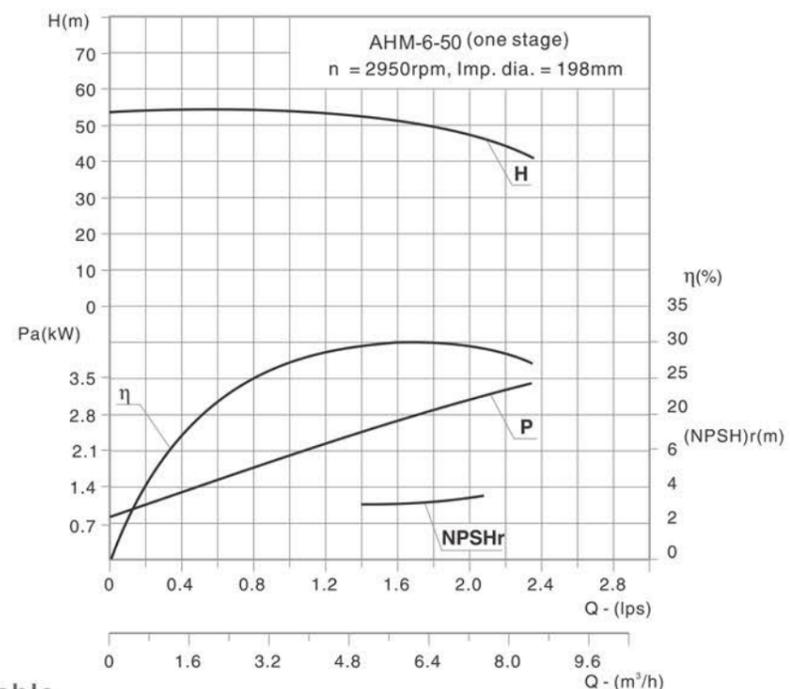
Water of Water Seal from External Supply



No	Name	No	Name	No	Name
1	Bearing Body	6	Guide Vane	11	Tail Hood
2	Suction Section	7	Sealing Ring	12	Packing Seal Part
3	Balance Water Pipe	8	Middle Section	13	Water-cooling Flange Gland
4	Diffuser Sleeve	9	Water Inlet Section	14	O-ring
5	Impeller	10	Balance Disc	15	Bearing Part

Performance Curve

AHM-6-50



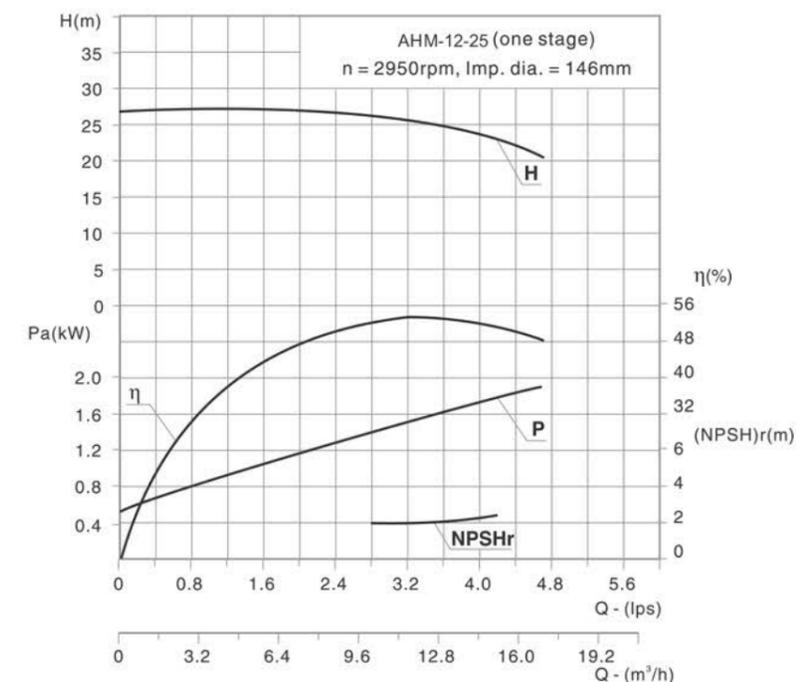
Performance Table

Stage	Q Flow		H Head (m)	n Speed (rpm)	η Eff. (%)	N Shaft Power (kW)	Motor		(NPSH)r (m)	D Impeller Diameter (mm)
	(m³/h)	(L/s)					Power (kW)	Frame Size - Pole		
2	3.75	1.04	104	2950	28	3.79	11	160M1-2	3.0	Ø198
	6.3	1.75	100		30	5.72			3.0	
	7.5	2.08	96		29	6.76			3.5	
3	3.75	1.04	106		28	5.69	15	160M2-2	3.0	
	6.3	1.75	150		30	8.58			3.0	
	7.5	2.08	144		29	10.1			3.5	
4	3.75	1.04	208		28	7.58	18.5	160L-2	3.0	
	6.3	1.75	200		30	11.4			3.0	
	7.5	2.08	192		29	13.5			3.5	
5	3.75	1.04	260		28	9.48	22	180M-2	3.0	
	6.3	1.75	250		30	14.3			3.0	
	7.5	2.08	240		29	16.9			3.5	
6	3.75	1.04	312	28	11.4	30	200L1-2	3.0		
	6.3	1.75	300	30	17.2			3.0		
	7.5	2.08	288	29	20.3			3.5		
7	3.75	1.04	364	28	13.3	30	200L1-2	3.0		
	6.3	1.75	350	30	20.0			3.0		
	7.5	2.08	336	29	23.7			3.5		
8	3.75	1.04	416	28	15.2	37	200L2-2	3.0		
	6.3	1.75	400	30	22.9			3.0		
	7.5	2.08	384	29	27.0			3.5		
9	3.75	1.04	468	28	17.1	37	200L2-2	3.0		
	6.3	1.75	450	30	25.7			3.0		
	7.5	2.08	432	29	30.4			3.5		
10	3.75	1.04	520	28	19.0	45	225M-2	3.0		
	6.3	1.75	500	30	28.6			3.0		
	7.5	2.08	480	29	33.8			3.5		
11	3.75	1.04	572	28	20.8	45	225M-2	3.0		
	6.3	1.75	550	30	31.4			3.0		
	7.5	2.08	528	29	37.2			3.5		
12	3.75	1.04	624	28	22.7	55	250M-2	3.0		
	6.3	1.75	600	30	34.3			3.0		
	7.5	2.08	576	29	40.6			3.5		

* The 3rd digit of model name 'W' indicates water application. This digit can be changed suitable for other application (Refer the model identification code).

Performance Curve

AHM-12-25



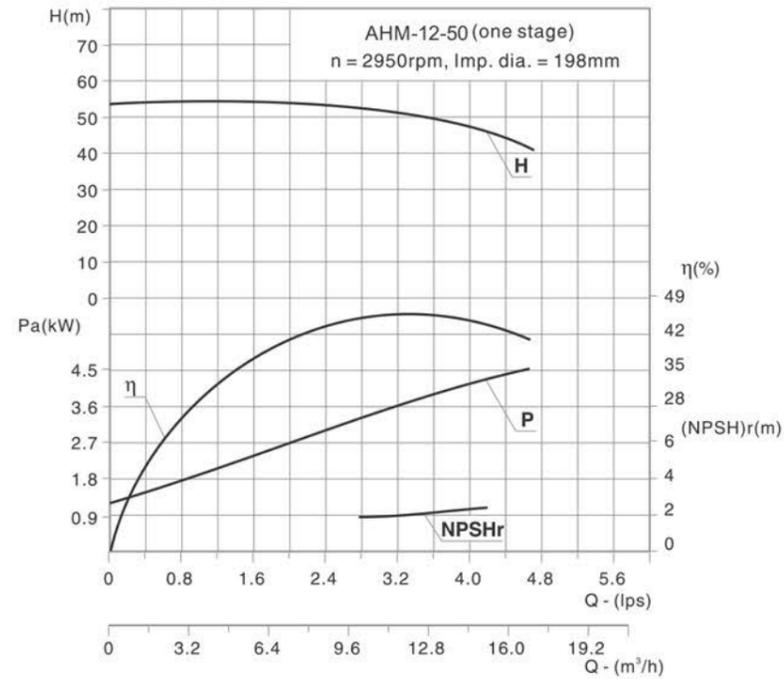
Performance Table

Stage	Q Flow		H Head (m)	n Speed (rpm)	η Eff. (%)	N Shaft Power (kW)	Motor		(NPSH)r (m)	D Impeller Diameter (mm)
	(m³/h)	(L/s)					Power (kW)	Frame Size - Pole		
2	7.5	2.08	56.4	2950	44	2.65	5.5	132S1-2	2.0	Ø146
	12.5	3.47	50		54	3.15			2.0	
	15	4.17	46		53	3.55			2.5	
3	7.5	2.08	84.6		44	3.93	7.5	132S2-2	2.0	
	12.5	3.47	75		54	4.73			2.0	
	15	4.17	69		53	5.32			2.5	
4	7.5	2.08	112.8		44	5.24	11	160M1-2	2.0	
	12.5	3.47	100		54	6.30			2.0	
	15	4.17	92		53	7.09			2.5	
5	7.5	2.08	141		44	6.55	11	160M1-2	2.0	
	12.5	3.47	125		54	7.88			2.0	
	15	4.17	115		53	8.86			2.5	
6	7.5	2.08	169.2	44	7.85	15	160M2-2	2.0		
	12.5	3.47	150	54	9.46			2.0		
	15	4.17	138	53	10.64			2.5		
7	7.5	2.08	197.4	44	9.16	15	160M2-2	2.0		
	12.5	3.47	175	54	11.0			2.0		
	15	4.17	161	53	12.41			2.5		
8	7.5	2.08	225.6	44	10.47	18.5	160L-2	2.0		
	12.5	3.47	200	54	12.61			2.0		
	15	4.17	184	53	14.18			2.5		
9	7.5	2.08	253.8	44	11.78	18.5	160L-2	2.0		
	12.5	3.47	225	54	14.18			2.0		
	15	4.17	207	53	15.95			2.5		
10	7.5	2.08	282	44	13.09	22	180M-2	2.0		
	12.5	3.47	250	54	15.76			2.0		
	15	4.17	230	53	17.73			2.5		
11	7.5	2.08	310.2	44	14.4	22	180M-2	2.0		
	12.5	3.47	275	54	17.34			2.0		
	15	4.17	253	53	19.5			2.5		
12	7.5	2.08	338.4	44	15.7	30	200L1-2	2.0		
	12.5	3.47	300	54	18.9			2.0		
	15	4.17	276	53	21.3			2.5		

* The 3rd digit of model name 'W' indicates water application. This digit can be changed suitable for other application (Refer the model identification code).

Performance Curve

AHM-12-50



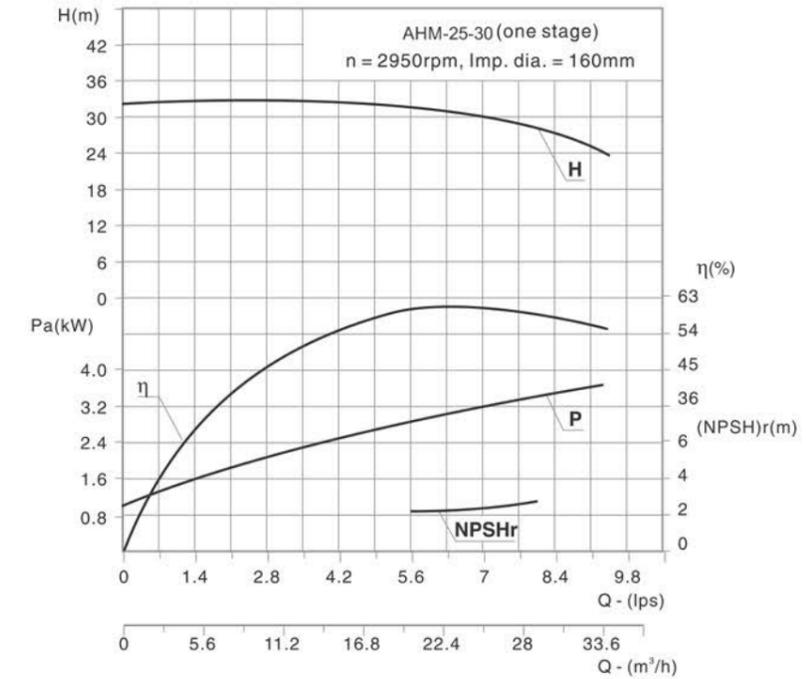
Performance Table

Stage	Q Flow		H Head (m)	n Speed (rpm)	η Eff. (%)	N Shaft Power (kW)	Motor		(NPSH)r (m)	D Impeller Diameter (mm)
	(m³/h)	(L/s)					Power (kW)	Frame Size - Pole		
2	7.5	2.08	108	2950	37.8	5.8	11	160M1-2	2	Ø198
	12.5	3.47	100		45	7.6			2	
	15	4.17	93		45.9	8.3			2.5	
3	7.5	2.08	162		37.8	8.8	18.5	160L-2	2	
	12.5	3.47	150		45	11.3			2	
	15	4.17	139.5		45.9	12.4			2.5	
4	7.5	2.08	216		37.8	11.7	22	180M-2	2	
	12.5	3.47	200		45	15.1			2	
	15	4.17	186		45.9	16.6			2.5	
5	7.5	2.08	270		37.8	14.6	30	200L1-2	2	
	12.5	3.47	250		45	18.9			2	
	15	4.17	232.5		45.9	20.7			2.5	
6	7.5	2.08	324	37.8	17.6	30	200L1-2	2		
	12.5	3.47	300	45	22.7			2		
	15	4.17	279	45.9	24.8			2.5		
7	7.5	2.08	378	37.8	20.4	37	200L2-2	2		
	12.5	3.47	350	45	26.5			2		
	15	4.17	325.5	45.9	29.0			2.5		
8	7.5	2.08	432	37.8	23.3	45	225M-2	2		
	12.5	3.47	400	45	30.3			2		
	15	4.17	372	45.9	33.1			2.5		
9	7.5	2.08	486	37.8	26.3	45	225M-2	2		
	12.5	3.47	450	45	34.0			2		
	15	4.17	418.5	45.9	37.3			2.5		
10	7.5	2.08	540	37.8	29.2	55	250M-2	2		
	12.5	3.47	500	45	37.8			2		
	15	4.17	465	45.9	41.4			2.5		
11	7.5	2.08	594	37.8	32.1	55	250M-2	2		
	12.5	3.47	550	45	41.6			2		
	15	4.17	511.5	45.9	45.5			2.5		
12	7.5	2.08	648	37.8	35.0	75	280S-2	2		
	12.5	3.47	600	45	45.4			2		
	15	4.17	558	45.9	50.0			2.5		

* The 3rd digit of model name 'W' indicates water application. This digit can be changed suitable for other application (Refer the model identification code).

Performance Curve

AHM-25-30



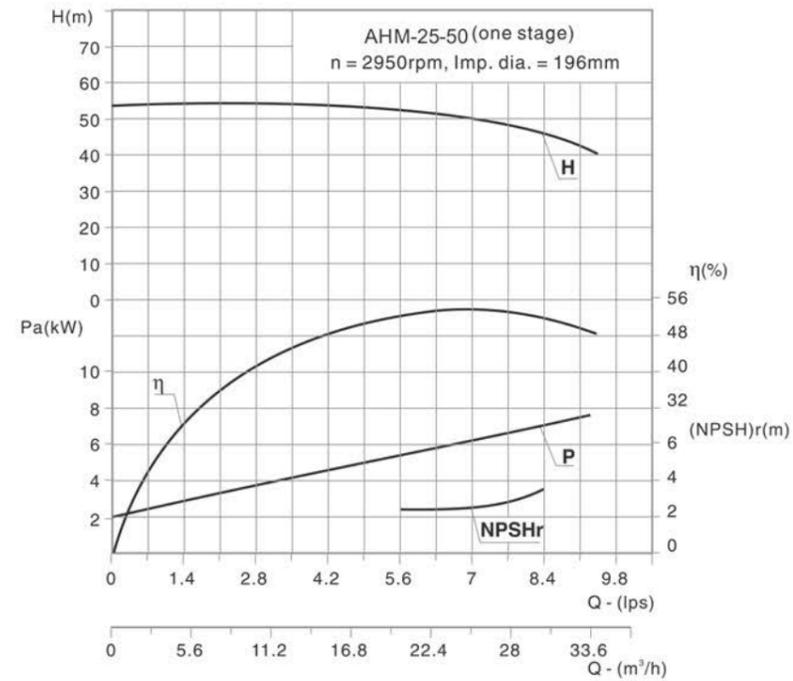
Performance Table

Stage	Q Flow		H Head (m)	n Speed (rpm)	η Eff. (%)	N Shaft Power (kW)	Motor		(NPSH)r (m)	D Impeller Diameter (mm)
	(m³/h)	(L/s)					Power (kW)	Frame Size - Pole		
2	15	4.17	68	2950	50	5.56	11	160M1-2	2.2	Ø160
	25	6.94	60		62	6.58			2.2	
	30	8.33	55		63	7.14			2.4	
3	15	4.17	102		50	8.33	15	160M2-2	2.2	
	25	6.94	90		62	9.88			2.2	
	30	8.33	82.5		63	10.7			2.4	
4	15	4.17	136		50	11.11	18.5	160L-2	2.2	
	25	6.94	120		62	13.1			2.2	
	30	8.33	110		63	14.26			2.4	
5	15	4.17	170		50	13.89	22	180M-2	2.2	
	25	6.94	150		62	16.47			2.2	
	30	8.33	137.5		63	17.83			2.4	
6	15	4.17	204	50	16.67	30	200L1-2	2.2		
	25	6.94	180	62	19.77			2.2		
	30	8.33	165	63	21.4			2.4		
7	15	4.17	238	50	19.44	30	200L1-2	2.2		
	25	6.94	210	62	23.1			2.2		
	30	8.33	192.5	63	24.96			2.4		
8	15	4.17	272	50	22.22	37	200L2-2	2.2		
	25	6.94	240	62	26.4			2.2		
	30	8.33	220	63	28.53			2.4		
9	15	4.17	306	50	25.0	37	200L2-2	2.2		
	25	6.94	270	62	29.65			2.2		
	30	8.33	247.5	63	32.1			2.4		
10	15	4.17	340	50	27.8	45	225M-2	2.2		
	25	6.94	300	62	32.9			2.2		
	30	8.33	275	63	35.7			2.4		

* The 3rd digit of model name 'W' indicates water application. This digit can be changed suitable for other application (Refer the model identification code).

Performance Curve

AHM-25-50



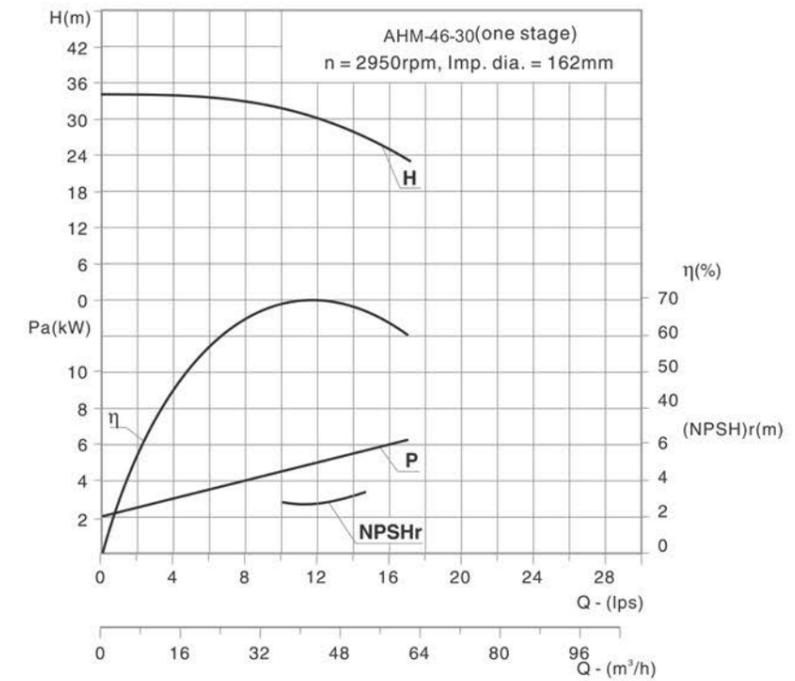
Performance Table

Stage	Q Flow		H Head (m)	n Speed (rpm)	η Eff. (%)	N Shaft Power (kW)	Motor		(NPSH)r (m)	D Impeller Diameter (mm)
	(m³/h)	(L/s)					Power (kW)	Frame Size - Pole		
3	15	4.17	154.5	2950	44	14.3	30	180M-2	2.4	Ø196
	25	6.94	150		54	18.9			2.7	
	28	7.78	144		54	20.3			2.8	
4	15	4.17	206		44	19.1	30	200L1-2	2.4	
	25	6.94	200		54	25.2			2.7	
	28	7.78	192		54	27.1			2.8	
5	15	4.17	257.5		44	23.9	37	200L2-2	2.4	
	25	6.94	250		54	31.5			2.7	
	28	7.78	240		54	33.9			2.8	
6	15	4.17	309		44	28.6	45	225M-2	2.4	
	25	6.94	300		54	37.8			2.7	
	28	7.78	288		54	40.7			2.8	
7	15	4.17	360.5	44	33.4	55	250M-2	2.4		
	25	6.94	350	54	44.1			2.7		
	28	7.78	336	54	47.5			2.8		
8	15	4.17	412	44	38.2	75	280S-2	2.4		
	25	6.94	400	54	50.4			2.7		
	28	7.78	384	54	54.2			2.8		
9	15	4.17	363.5	44	43.0	75	280S-2	2.4		
	25	6.94	450	54	56.7			2.7		
	28	7.78	432	54	61.0			2.8		
10	15	4.17	515	44	47.7	75	280S-2	2.4		
	25	6.94	500	54	63.0			2.7		
	28	7.78	480	54	67.8			2.8		
11	15	4.17	566	44	52.5	90	280M-2	2.4		
	25	6.94	550	54	69.3			2.7		
	28	7.78	528	54	74.6			2.8		
12	15	4.17	618	44	57.6	110	315S-2	2.4		
	25	6.94	600	54	75.6			2.7		
	28	7.78	576	54	81.4			2.8		

* The 3rd digit of model name 'W' indicates water application. This digit can be changed suitable for other application (Refer the model identification code).

Performance Curve

AHM-46-30



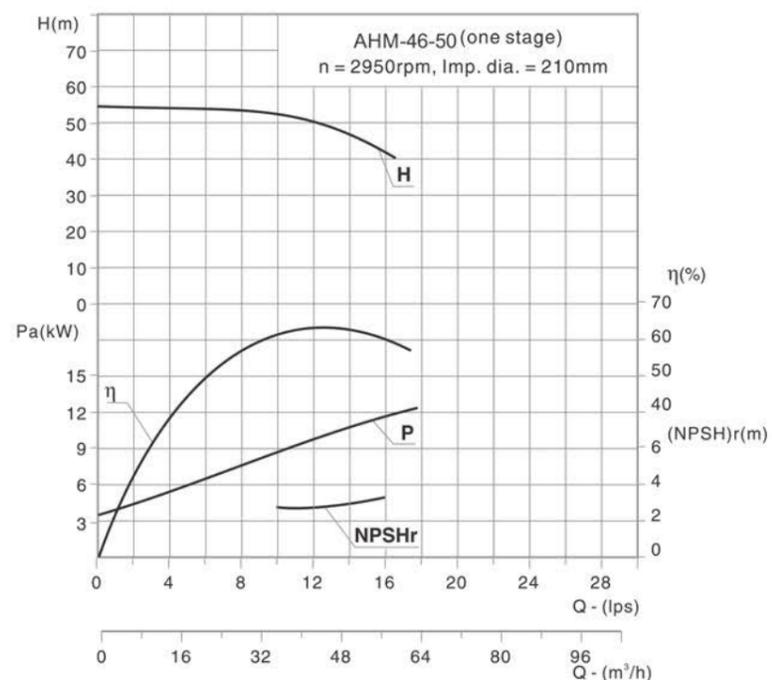
Performance Table

Stage	Q Flow		H Head (m)	n Speed (rpm)	η Eff. (%)	N Shaft Power (kW)	Motor		(NPSH)r (m)	D Impeller Diameter (mm)
	(m³/h)	(L/s)					Power (kW)	Frame Size - Pole		
2	30	8.33	68	2950	64	8.68	15	160M2-2	2.4	Ø162
	46	12.8	60		70	10.74			2.8	
	55	15.3	54		68	11.89			4.6	
3	30	8.33	102		64	13.02	22	180M-2	2.4	
	46	12.8	90		70	16.11			2.8	
	55	15.3	81		68	17.84			4.6	
4	30	8.33	136		64	17.36	30	200L1-2	2.4	
	46	12.8	120		70	21.48			2.8	
	55	15.3	108		68	23.79			4.6	
5	30	8.33	170		64	21.7	37	200L2-2	2.4	
	46	12.8	150		70	26.85			2.8	
	55	15.3	135		68	29.74			4.6	
6	30	8.33	204	64	26.04	37	200L2-2	2.4		
	46	12.8	180	70	32.21			2.8		
	55	15.3	162	68	35.68			4.6		
7	30	8.33	238	64	30.38	45	225M-2	2.4		
	46	12.8	210	70	37.58			2.8		
	55	15.3	189	68	41.63			4.6		
8	30	8.33	272	64	34.72	55	250M-2	2.4		
	46	12.8	240	70	42.95			2.8		
	55	15.3	216	68	47.58			4.6		
9	30	8.33	306	64	39.06	55	250M-2	2.4		
	46	12.8	270	70	48.32			2.8		
	55	15.3	243	68	53.53			4.6		
10	30	8.33	340	64	43.4	75	280S-2	2.4		
	46	12.8	300	70	53.69			2.8		
	55	15.3	270	68	59.47			4.6		

* The 3rd digit of model name 'W' indicates water application. This digit can be changed suitable for other application (Refer the model identification code).

Performance Curve

AHM-46-50



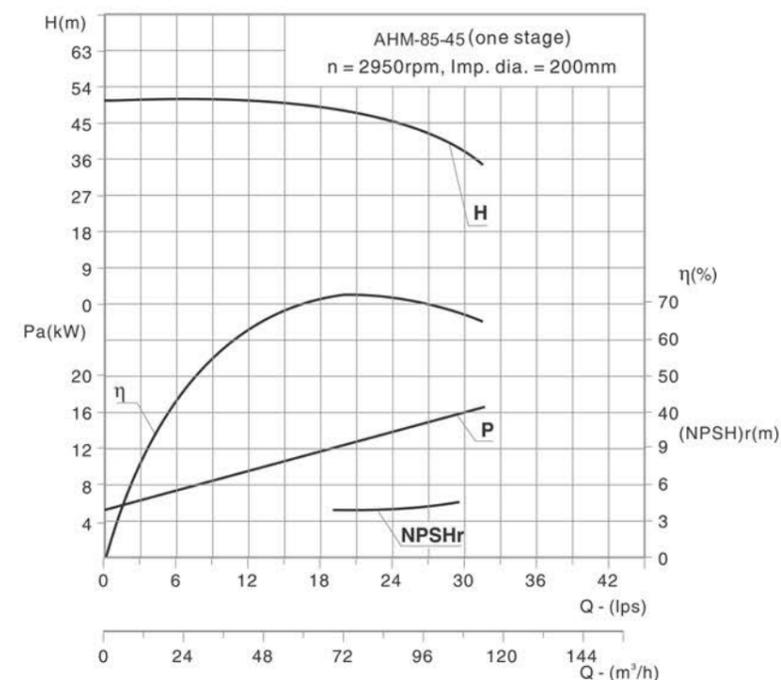
Performance Table

Stage	Q Flow		H Head (m)	n Speed (rpm)	η Eff. (%)	N Shaft Power (kW)	Motor		(NPSH)r (m)	D Impeller Diameter (mm)
	(m³/h)	(L/s)					Power (kW)	Frame Size - Pole		
2	30	8.33	111	2950	54	16.78	30	200L1-2	2.5	Ø210
	46	12.78	100		63	19.88			2.8	
	55	15.28	92		64	21.52			3.2	
3	30	8.33	166.5		54	25.19	37	200L2-2	2.5	
	46	12.78	150		63	29.83			2.8	
	55	15.28	138		64	32.28			3.2	
4	30	8.33	222		54	33.59	45	225M-2	2.5	
	46	12.78	200		63	39.77			2.8	
	55	15.28	184		64	43.04			3.2	
5	30	8.33	277.5		54	41.98	55	250M-2	2.5	
	46	12.78	250		63	49.71			2.8	
	55	15.28	230		64	53.80			3.2	
6	30	8.33	333	54	50.38	75	280S-2	2.5		
	46	12.78	300	63	59.65			2.8		
	55	15.28	276	64	64.56			3.2		
7	30	8.33	388.5	54	58.78	90	280M-2	2.5		
	46	12.78	350	63	69.60			2.8		
	55	15.28	322	64	75.32			3.2		
8	30	8.33	444	54	67.20	90	280M-2	2.5		
	46	12.78	400	63	79.52			2.8		
	55	15.28	368	64	86.08			3.2		
9	30	8.33	499.5	54	75.56	110	315S-2	2.5		
	46	12.78	450	63	89.48			2.8		
	55	15.28	414	64	96.84			3.2		
10	30	8.33	555	54	83.97	132	315M-2	2.5		
	46	12.78	500	63	99.42			2.8		
	55	15.28	460	64	107.60			3.2		
11	30	8.33	610.5	54	92.37	132	315M-2	2.5		
	46	12.78	550	63	109.36			2.8		
	55	15.28	506	64	118.36			3.2		
12	30	8.33	666	54	100.8	132	315M-2 (315L1-2)	2.5		
	46	12.78	600	63	119.28			2.8		
	55	15.28	552	64	129.12			3.2		

* The 3rd digit of model name 'W' indicates water application. This digit can be changed suitable for other application (Refer the model identification code).

Performance Curve

AHM-85-45



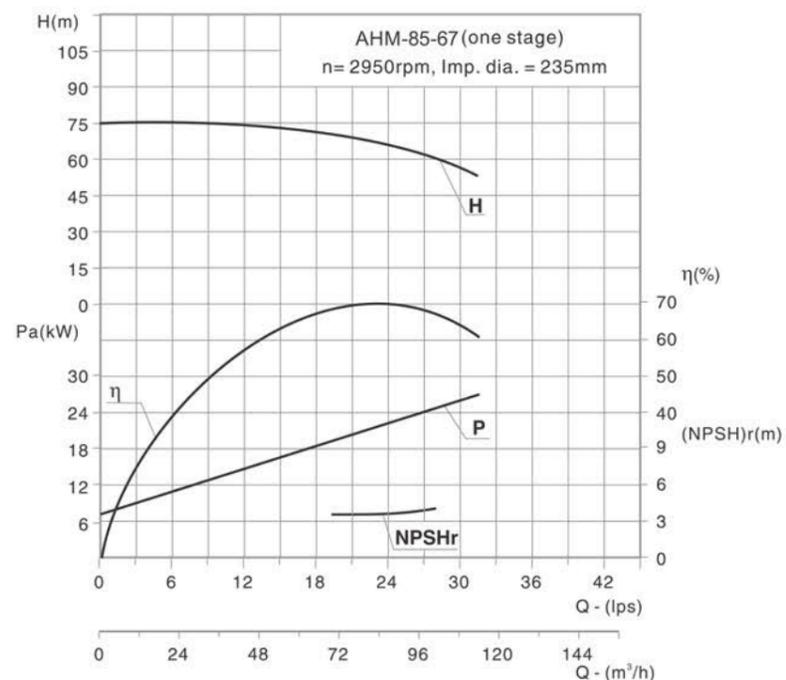
Performance Table

Stage	Q Flow		H Head (m)	n Speed (rpm)	η Eff. (%)	N Shaft Power (kW)	Motor		(NPSH)r (m)	D Impeller Diameter (mm)
	(m³/h)	(L/s)					Power (kW)	Frame Size - Pole		
2	55	15.3	102	2950	63	24.25	37	200L2-2	3.2	Ø200
	85	23.6	90		72	28.92			4.2	
	100	27.8	78		70	30.35			5.2	
3	55	15.3	153		63	36.38	55	250M-2	3.2	
	85	23.6	135		72	43.37			4.2	
	100	27.8	117		70	45.52			5.2	
4	55	15.3	204		63	48.5	75	280S-2	3.2	
	85	23.6	180		72	57.82			4.2	
	100	27.8	156		70	60.7			5.2	
5	55	15.3	255		63	60.63	90	280M-2	3.2	
	85	23.6	225		72	72.28			4.2	
	100	27.8	195		70	75.86			5.2	
6	55	15.3	306	63	72.75	110	315S-2	3.2		
	85	23.6	270	72	86.73			4.2		
	100	27.8	234	70	91.04			5.2		
7	55	15.3	357	63	84.88	132	315M-2	3.2		
	85	23.6	315	72	101.2			4.2		
	100	27.8	273	70	106.2			5.2		
8	55	15.3	408	63	97.0	132	315M-2	3.2		
	85	23.6	360	72	115.6			4.2		
	100	27.8	312	70	121.4			5.2		
9	55	15.3	459	63	109.1	160	315L1-2	3.2		
	85	23.6	405	72	130.1			4.2		
	100	27.8	351	70	136.6			5.2		

* The 3rd digit of model name 'W' indicates water application. This digit can be changed suitable for other application (Refer the model identification code).

Performance Curve

AHM-85-67



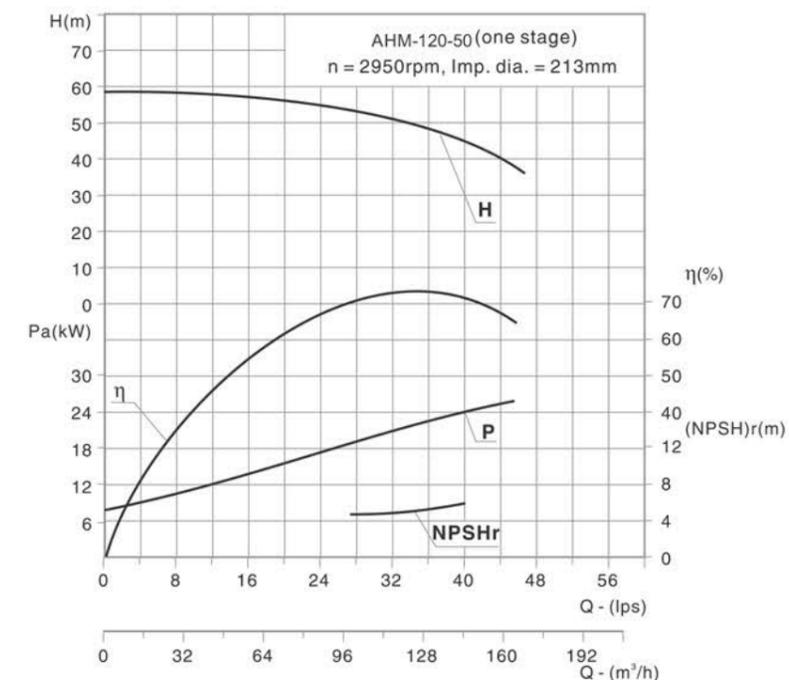
Performance Table

Stage	Q Flow		H Head (m)	n Speed (rpm)	η Eff. (%)	N Shaft Power (kW)	Motor		(NPSH)r (m)	D Impeller Diameter (mm)
	(m³/h)	(L/s)					Power (kW)	Frame Size - Pole		
3	55	15.3	222	2950	58	57.3	90	280 M-2	3.3	Ø235
	85	23.6	201		68	68.4			4.0	
	100	27.8	183		68	73.3			4.4	
4	55	15.3	296		58	76.4	110	315S-2	3.3	
	85	23.6	268		68	91.2			4.0	
	100	27.8	244		68	97.7			4.4	
5	55	15.3	370		58	95.6	132	315M-2	3.3	
	85	23.6	335		68	114			4.0	
	100	27.8	305		68	122.2			4.4	
6	55	15.3	444	58	114.7	160	315L1-2	3.3		
	85	23.6	402	68	136.9			4.0		
	100	27.8	366	68	146.6			4.4		
7	55	15.3	518	58	133.8	185	315L2-2 (IP23)	3.3		
	85	23.6	469	68	159.6			4.0		
	100	27.8	427	68	171			4.4		
8	55	15.3	592	58	152.9	220	315M1-2	3.3		
	85	23.6	536	68	182.4			4.0		
	100	27.8	488	68	195.4			4.4		
9	55	15.3	666	58	172	250	355M2-2	3.3		
	85	23.6	603	68	205.2			4.0		
	100	27.8	549	68	219.9			4.4		

* The 3rd digit of model name 'W' indicates water application. This digit can be changed suitable for other application (Refer the model identification code).

Performance Curve

AHM-120-50



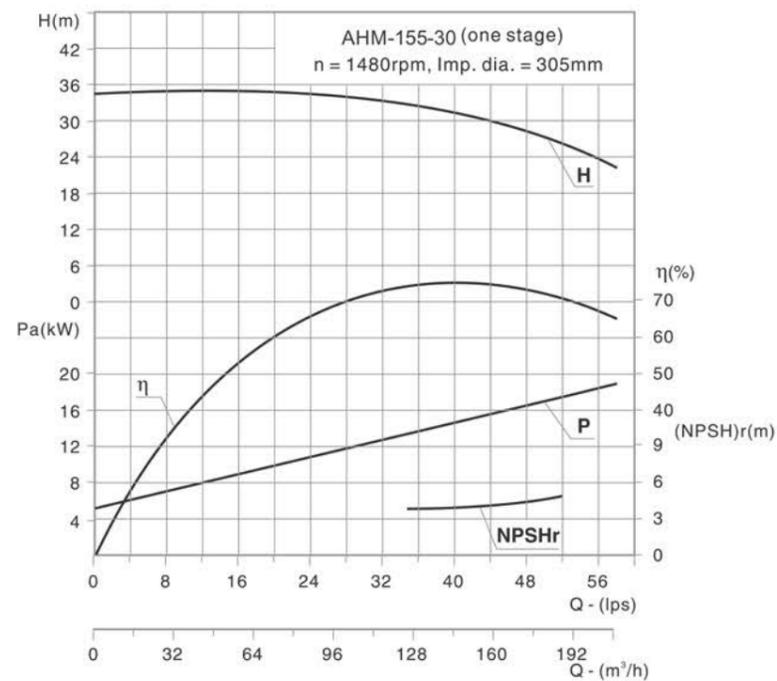
Performance Table

Stage	Q Flow		H Head (m)	n Speed (rpm)	η Eff. (%)	N Shaft Power (kW)	Motor		(NPSH)r (m)	D Impeller Diameter (mm)
	(m³/h)	(L/s)					Power (kW)	Frame Size - Pole		
2	96	26.7	110	2950	73	39.44	55	250M-2	3.2	Ø213
	120	33.3	100		73.3	44.54			5.1	
	140	38.9	84.6		67.5	48.8			6.7	
3	96	26.7	165		73	59.09	90	280M-2	3.2	
	120	33.3	150		73.3	66.88			5.1	
	140	38.9	126.9		67.5	71.68			6.7	
4	96	26.7	220		73	78.79	110	315S-2	3.2	
	120	33.3	200		73.3	89.17			5.1	
	140	38.9	169.2		67.5	95.57			6.7	
5	96	26.7	275	73	98.49	132	315M-2	3.2		
	120	33.3	250	73.3	111.46			5.1		
	140	38.9	211.5	67.5	119.46			6.7		
6	96	26.7	330	73	118.18	160	315L1-2	3.2		
	120	33.3	300	73.3	133.75			5.1		
	140	38.9	253.8	67.5	143.36			6.7		
7	96	26.7	385	73	137.88	200	315L2-2	3.2		
	120	33.3	350	73.3	156.04			5.1		
	140	38.9	296.1	67.5	167.25			6.7		
8	96	26.7	440	73	157.58	200	315L2-2	3.2		
	120	33.3	400	73.3	178.33			5.1		
	140	38.9	338.4	67.5	191.14			6.7		
9	96	26.7	495	73	177.28	220	355M1-2	3.2		
	120	33.3	450	73.3	200.63			5.1		
	140	38.9	380.7	67.5	215.03			6.7		

* The 3rd digit of model name 'W' indicates water application. This digit can be changed suitable for other application (Refer the model identification code).

Performance Curve

AHM-155-30



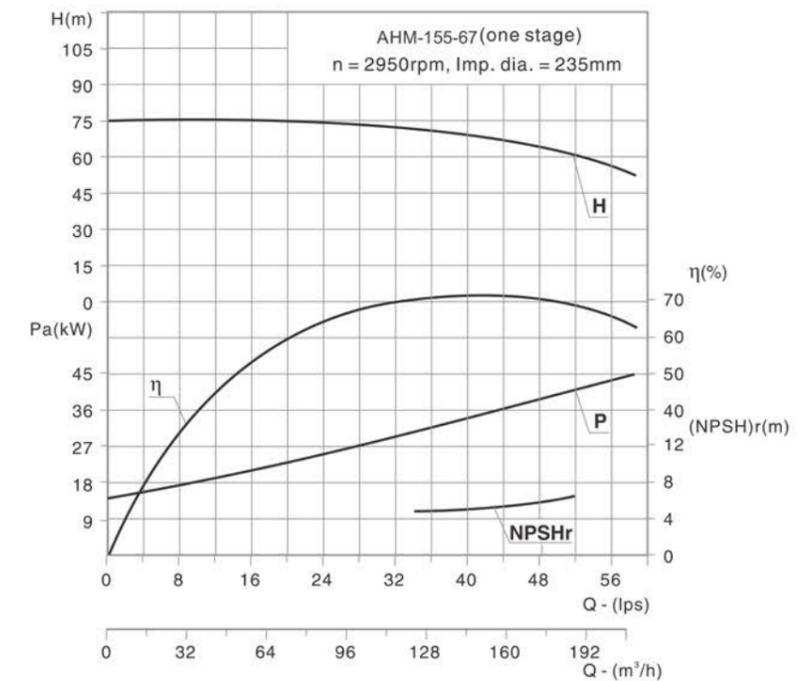
Performance Table

Stage	Q Flow		H Head (m)	n Speed (rpm)	η Eff. (%)	N Shaft Power (kW)	Motor		(NPSH)r (m)	D Impeller Diameter (mm)
	(m³/h)	(L/s)					Power (kW)	Frame Size - Pole		
2	119	33	64	1480	69.5	29.8	45	225M-4	3.2	Ø305
	155	43	60		75	33.71			3.9	
	190	52.8	54		76	36.95			4.8	
3	119	33	96		69.5	44.7	75	280S-4	3.2	
	155	43	90		75	50.57			3.9	
	190	52.8	81		76	55.42			4.8	
4	119	33	128		69.5	59.6	90	280M-4	3.2	
	155	43	120		75	67.42			3.9	
	190	52.8	108		76	73.9			4.8	
5	119	33	160		69.5	74.5	110	315S-4	3.2	
	155	43	150	75	84.28	3.9				
	190	52.8	135	76	92.37	4.8				
6	119	33	192	69.5	89.4	132	315M-4	3.2		
	155	43	180	75	101.1			3.9		
	190	52.8	162	76	110.8			4.8		
7	119	33	224	69.5	104.3	160	315L1-4	3.2		
	155	43	210	75	118.0			3.9		
	190	52.8	189	76	129.3			4.8		
8	119	33	256	69.5	119.2	200	315L2-4	3.2		
	155	43	240	75	134.8			3.9		
	190	52.8	216	76	147.8			4.8		
9	119	33	288	69.5	134.1	200	315L2-4	3.2		
	155	43	270	75	151.7			3.9		
	190	52.8	243	76	166.3			4.8		
10	119	33	320	69.5	149	220	315M1-4	3.2		
	155	43	300	75	168.6			3.9		
	190	52.8	270	76	184.7			4.8		

* The 3rd digit of model name 'W' indicates water application. This digit can be changed suitable for other application (Refer the model identification code).

Performance Curve

AHM-155-67



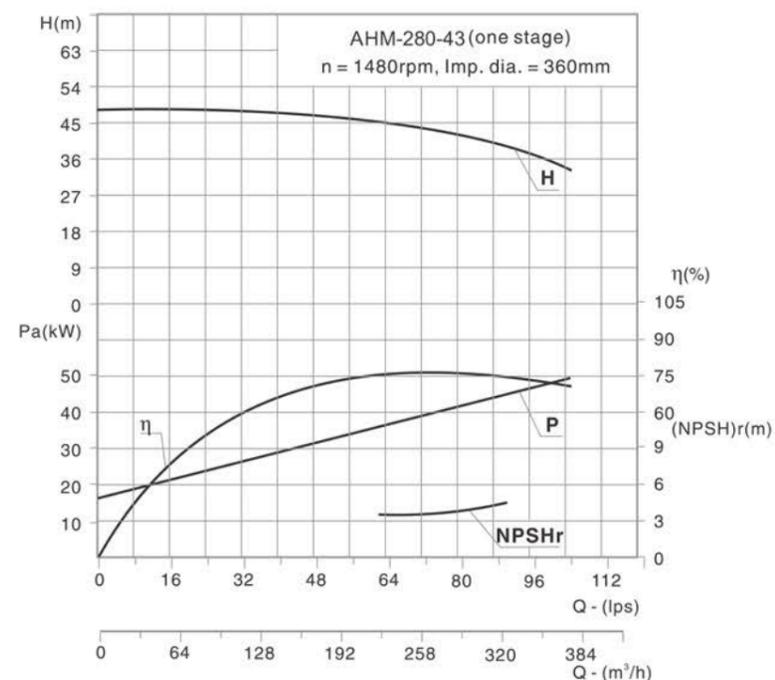
Performance Table

Stage	Q Flow		H Head (m)	n Speed (rpm)	η Eff. (%)	N Shaft Power (kW)	Motor		(NPSH)r (m)	D Impeller Diameter (mm)
	(m³/h)	(L/s)					Power (kW)	Frame Size - Pole		
2	100	27.8	152	2950	64	64.7	90	280M-2	3.2	Ø235
	155	43.1	134		74	76.5			5.0	
	185	51.4	118		72	82.6			6.6	
3	100	27.8	228		64	97.0	132	315M-2	3.2	
	155	43.1	201		74	114.7			5.0	
	185	51.4	177		72	123.9			6.6	
4	100	27.8	304		64	129.4	185	315M1-2 (IP23)	3.2	
	155	43.1	268		74	152.9			5.0	
	185	51.4	236		72	165.1			6.6	
5	100	27.8	380		64	161.7	220	355M1-2	3.2	
	155	43.1	335	74	191.2	5.0				
	185	51.4	295	72	206.4	6.6				
6	100	27.8	456	64	194	280	355L1-2	3.2		
	155	43.1	402	74	229.5			5.0		
	185	51.4	354	72	247.7			6.6		
7	100	27.8	532	64	226.4	315	355L2-2	3.2		
	155	43.1	469	74	267.7			5.0		
	185	51.4	413	72	288.9			6.6		
8	100	27.8	608	64	258.8	355	355L1-2 (IP23)	3.2		
	155	43.1	536	74	305.9			5.0		
	185	51.4	472	72	330.2			6.6		
9	100	27.8	684	64	291.1	450	4001-2 (IP23/6kV)	3.2		
	155	43.1	603	74	344.2			5.0		
	185	51.4	531	72	371.5			6.6		

* The 3rd digit of model name 'W' indicates water application. This digit can be changed suitable for other application (Refer the model identification code).

Performance Curve

AHM-280-43



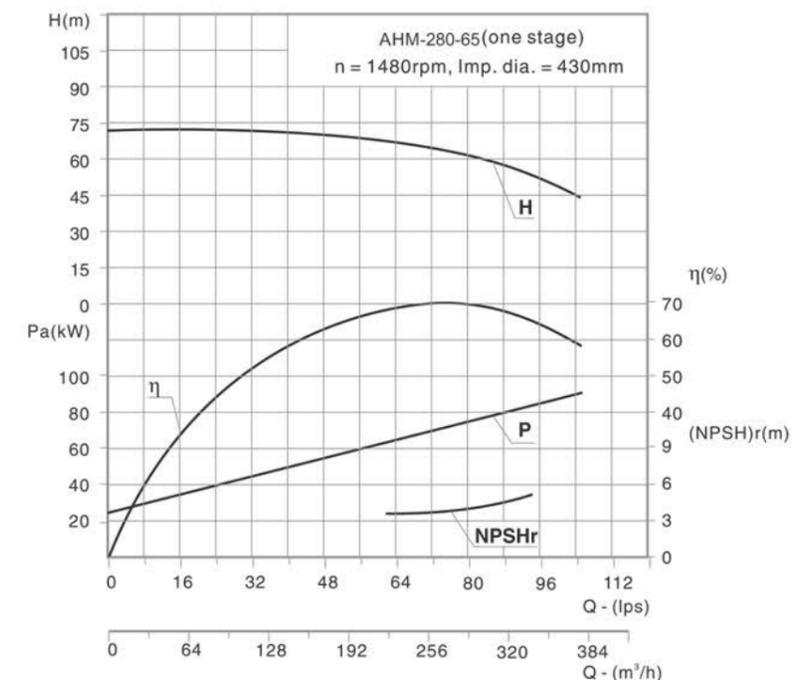
Performance Table

Stage	Q Flow		H Head (m)	n Speed (rpm)	η Eff. (%)	N Shaft Power (kW)	Motor		(NPSH)r (m)	D Impeller Diameter (mm)
	(m³/h)	(L/s)					Power (kW)	Frame Size - Pole		
2	185	51.4	94	1480	69	68.6	110	315S-4	2.5	Ø360
	280	77.8	86		77	85.2			4.0	
	335	93.1	76		75	92.5			5.2	
3	185	51.4	141		69	102.9	160	315L1-4	2.5	
	280	77.8	129		77	127.7			4.0	
	335	93.1	114		75	138.8			5.2	
4	185	51.4	188		69	137.7	200	315L2-4	2.5	
	280	77.8	172		77	170.3			4.0	
	335	93.1	152		75	185.0			5.2	
5	185	51.4	235		69	171.6	250	355M2-4	2.5	
	280	77.8	215		77	212.9			4.0	
	335	93.1	190		75	231.3			5.2	
6	185	51.4	282	69	205.9	315	355L2-4	2.5		
	280	77.8	258	77	255.5			4.0		
	335	93.1	228	75	277.5			5.2		
7	185	51.4	329	69	240.2	355	4001-4 (IP23/6kV)	2.5		
	280	77.8	301	77	298.1			4.0		
	335	93.1	266	75	323.8			5.2		
8	185	51.4	376	69	274.5	450	4003-4 (IP23/6kV)	2.5		
	280	77.8	344	77	340.7			4.0		
	335	93.1	304	75	370.0			5.2		
9	185	51.4	423	69	308.8	450	4003-4 (IP23/6kV)	2.5		
	280	77.8	387	77	383.3			4.0		
	335	93.1	342	75	416.3			5.2		

* The 3rd digit of model name 'W' indicates water application. This digit can be changed suitable for other application (Refer the model identification code).

Performance Curve

AHM-280-65



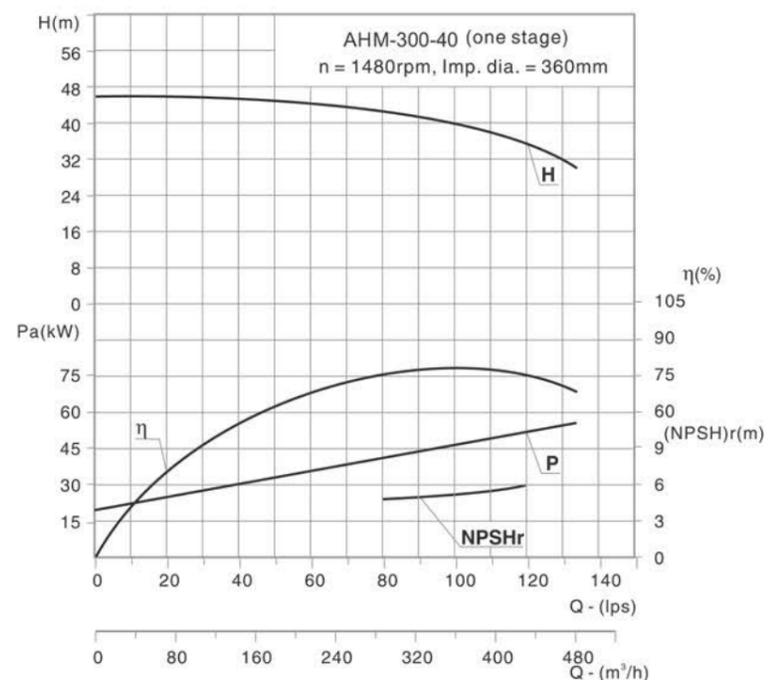
Performance Table

Stage	Q Flow		H Head (m)	n Speed (rpm)	η Eff. (%)	N Shaft Power (kW)	Motor		(NPSH)r (m)	D Impeller Diameter (mm)
	(m³/h)	(L/s)					Power (kW)	Frame Size - Pole		
3	185	51.4	204	1480	57	180	280	3555-4 (IP23/6kV)	2.8	Ø430
	280	77.8	195		69	215			3.7	
	335	93.1	186		71	239			5.0	
4	185	51.4	272		57	240	355	4001-4 (IP23/6kV)	2.8	
	280	77.8	260		69	287			3.7	
	335	93.1	248		71	319			5.0	
5	185	51.4	340		57	300	450	4003-4 (IP23/6kV)	2.8	
	280	77.8	325		69	359			3.7	
	335	93.1	310		71	398			5.0	
6	185	51.4	408		57	361	500	4004-4 (IP23/6kV)	2.8	
	280	77.8	390		69	431			3.7	
	335	93.1	372		71	478			5.0	
7	185	51.4	476	57	421	630	4501-4 (IP23/6kV)	2.8		
	280	77.8	455	69	503			3.7		
	335	93.1	434	71	558			5.0		
8	185	51.4	544	57	481	710	4502-4 (IP23/6kV)	2.8		
	280	77.8	520	69	575			3.7		
	335	93.1	496	71	637			5.0		
9	185	51.4	612	57	541	800	4503-4 (IP23/6kV)	2.8		
	280	77.8	585	69	646			3.7		
	335	93.1	558	71	717			5.0		
10	185	51.4	680	57	601	900	4504-4 (IP23/6kV)	2.8		
	280	77.8	650	69	718			3.7		
	335	93.1	620	71	797			5.0		

* The 3rd digit of model name 'W' indicates water application. This digit can be changed suitable for other application (Refer the model identification code).

Performance Curve

AHM-300-40



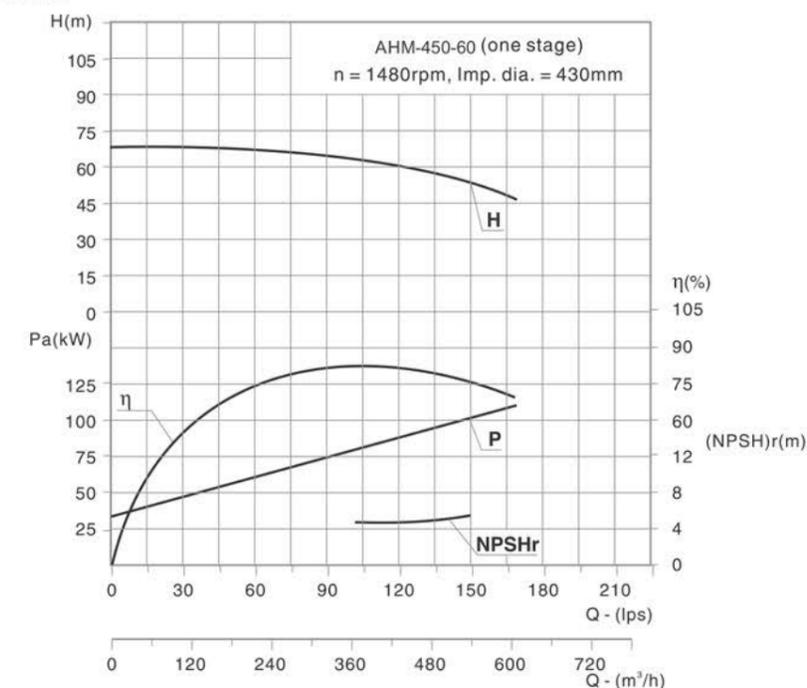
Performance Table

Stage	Q Flow		H Head (m)	n Speed (rpm)	η Eff. (%)	N Shaft Power (kW)	Motor		(NPSH)r (m)	D Impeller Diameter (mm)
	(m³/h)	(L/s)					Power (kW)	Frame Size - Pole		
2	300	83.3	84	1480	77	89.1	132	315M1-4	4.65	Ø360
	360	100	80		80	98.1			4.7	
	440	122.2	71		77	110.5			5.4	
3	300	83.3	126		77	133.7	185	315M1-4 (IP23)	4.65	
	360	100	120		80	147.2			4.7	
	440	122.2	106.5		77	165.8			5.4	
4	300	83.3	168		77	178.2	250	355M2-4	4.65	
	360	100	160		80	196.2			4.7	
	440	122.2	142		77	221.1			5.4	
5	300	83.3	210		77	222.8	315	355L2-4	4.65	
	360	100	200	80	245.3	4.7				
	440	122.2	177.5	77	276.3	5.4				
6	300	83.3	252	77	257.4	400	4002-4 (IP23/6kV)	4.65		
	360	100	240	80	294.1			4.7		
	440	122.2	213	77	331.5			5.4		
7	300	83.3	294	77	311.9	450	4003-4 (IP23/6kV)	4.65		
	360	100	280	80	343.1			4.7		
	440	122.2	248.5	77	386.7			5.4		
8	300	83.3	336	77	356.5	500	4004-4 (IP23/6kV)	4.65		
	360	100	320	80	392.2			4.7		
	440	122.2	284	77	441.9			5.4		
9	300	83.3	378	77	401.1	560	4005-4 (IP23/6kV)	4.65		
	360	100	360	80	441.2			4.7		
	440	122.2	319.5	77	497.2			5.4		
10	300	83.3	420	77	445.6	630	4501-4 (IP23/6kV)	4.65		
	360	100	400	80	490.2			4.7		
	440	122.2	355	77	552.4			5.4		

* The 3rd digit of model name 'W' indicates water application. This digit can be changed suitable for other application (Refer the model identification code).

Performance Curve

AHM-450-60



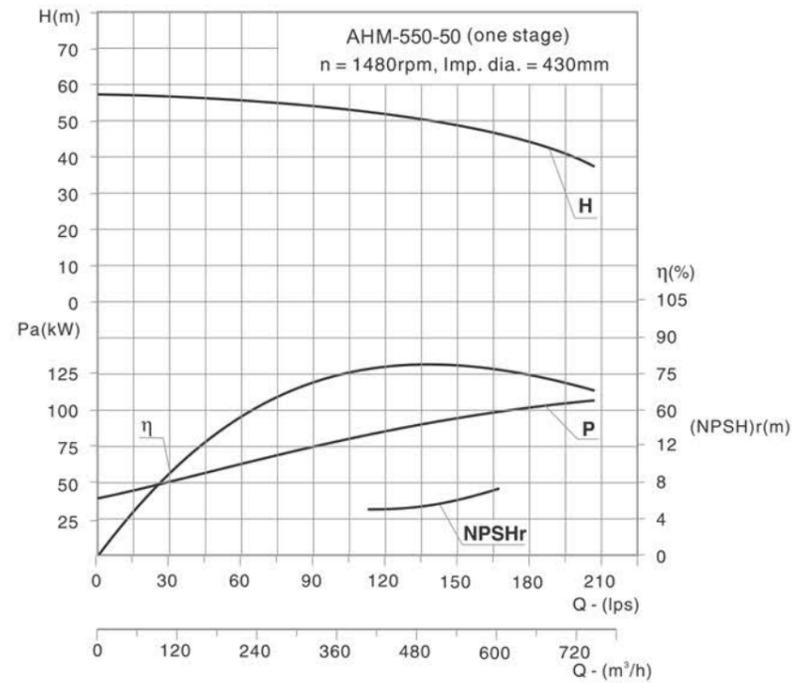
Performance Table

Stage	Q Flow		H Head (m)	n Speed (rpm)	η Eff. (%)	N Shaft Power (kW)	Motor		(NPSH)r (m)	D Impeller Diameter (mm)
	(m³/h)	(L/s)					Power (kW)	Frame Size - Pole		
2	335	93.1	130	1480	72	164.7	250	3554-4 (IP23/6kV)	4.1	Ø430
	450	125	120		79	186.1			5.2	
	500	138.9	113		78	197.3			6.3	
3	335	93.1	195		72	247.1	355	4001-4 (IP23/6kV)	4.1	
	450	125	180		79	279.2			5.2	
	500	138.9	171		78	296.0			6.3	
4	335	93.1	260		72	329.5	500	4004-4 (IP23/6kV)	4.1	
	450	125	240		79	372.2			5.2	
	500	138.9	228		78	394.7			6.3	
5	335	93.1	325		72	411.8	630	4501-4 (IP23/6kV)	4.1	
	450	125	300	79	465.4	5.2				
	500	138.9	285	78	493.4	6.3				
6	335	93.1	390	72	494.2	710	4502-4 (IP23/6kV)	4.1		
	450	125	360	79	558.3			5.2		
	500	138.9	342	78	592.0			6.3		
7	335	93.1	455	72	576.5	800	4503-4 (IP23/6kV)	4.1		
	450	125	420	79	651.5			5.2		
	500	138.9	399	78	690.7			6.3		
8	335	93.1	520	72	658.9	900	4504-4 (IP23/6kV)	4.1		
	450	125	480	79	744.4			5.2		
	500	138.9	456	78	789.4			6.3		
9	335	93.1	585	72	741.2	1000	5001-4 (IP23/6kV)	4.1		
	450	125	540	79	837.5			5.2		
	500	138.9	513	78	888.0			6.3		
10	335	93.1	650	72	823.6	1120	5002-4 (IP23/6kV)	4.1		
	450	125	600	79	930.8			5.2		
	500	138.9	570	78	995.1			6.3		

* The 3rd digit of model name 'W' indicates water application. This digit can be changed suitable for other application (Refer the model identification code).

Performance Curve

AHM-550-50



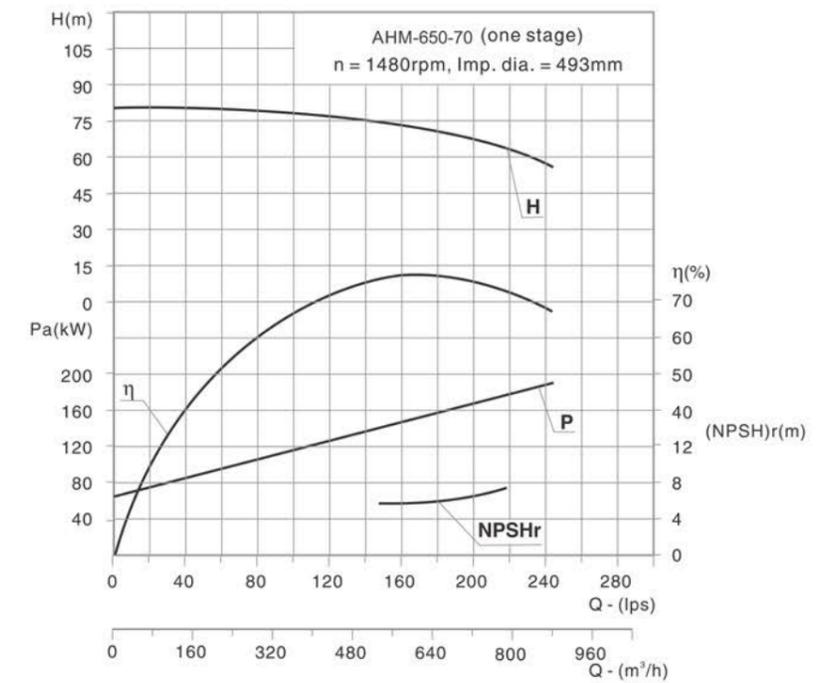
Performance Table

Stage	Q Flow		H Head (m)	n Speed (rpm)	η Eff. (%)	N Shaft Power (kW)	Motor		(NPSH)r (m)	D Impeller Diameter (mm)
	(m³/h)	(L/s)					Power (kW)	Frame Size - Pole		
2	450	125	120	1480	78	188.5	250	3554-4 (IP23/6kV)	5.2	Ø430
	550	152.7	100		79	189.6			5.8	
	590	163.9	90		75	192.7			6.5	
3	450	125	180		78	282.8	355	4001-4 (IP23/6kV)	5.2	
	550	152.7	150		79	284.3			5.8	
	590	163.9	135		75	289.1			6.5	
4	450	125	240		78	376.9	450	4003-4 (IP23/6kV)	5.2	
	550	152.7	200		79	378.9			5.8	
	590	163.9	180		75	385.4			6.5	
5	450	125	300		78	471.3	560	4005-4 (IP23/6kV)	5.2	
	550	152.7	250		79	473.8			5.8	
	590	163.9	225		75	481.8			6.5	
6	450	125	360		78	565.5	710	4502-4 (IP23/6kV)	5.2	
	550	152.7	300		79	568.5			5.8	
	590	163.9	270		75	578.1			6.5	
7	450	125	420		78	659.8	800	4503-4 (IP23/6kV)	5.2	
	550	152.7	350		79	663.3			5.8	
	590	163.9	315		75	674.5			6.5	
8	450	125	480	78	754.0	900	4504-4 (IP23/6kV)	5.2		
	550	152.7	400	79	758.0			5.8		
	590	163.9	360	75	770.8			6.5		
9	450	125	540	78	848.3	1000	5003/4 (IP23/6kV)	5.2		
	550	152.7	450	79	852.8			5.8		
	590	163.9	405	75	867.2			6.5		

* The 3rd digit of model name 'W' indicates water application. This digit can be changed suitable for other application (Refer the model identification code).

Performance Curve

AHM-650-70



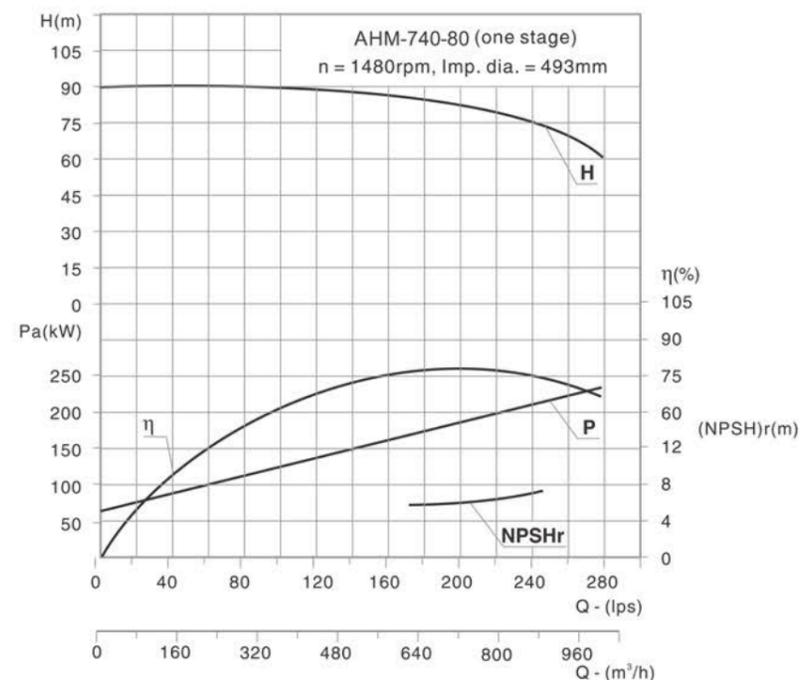
Performance Table

Stage	Q Flow		H Head (m)	n Speed (rpm)	η Eff. (%)	N Shaft Power (kW)	Motor		(NPSH)r (m)	D Impeller Diameter (mm)
	(m³/h)	(L/s)					Power (kW)	Frame Size - Pole		
2	550	152.8	147	1480	75	293.5	400	4002-4 (IP23/6kV)	5.8	Ø493
	650	180.6	140		76.5	323.8			6.2	
	750	208.3	120		75	326.7			6.5	
3	550	152.8	220.5		75	440.2	560	4005-5 (IP23/6kV)	5.8	
	650	180.6	210		76.5	485.7			6.2	
	750	208.3	180		75	490.0			6.5	
4	550	152.8	294		75	586.9	710	4502-4 (IP23/6kV)	5.8	
	650	180.6	280		76.5	647.6			6.2	
	750	208.3	240		75	653.3			6.5	
5	550	152.8	367.5		75	733.6	900	4504-4 (IP23/6kV)	5.8	
	650	180.6	350		76.5	809.5			6.2	
	750	208.3	300		75	816.7			6.5	
6	550	152.8	441		75	880.4	1120	5002-4 (IP23/6kV)	5.8	
	650	180.6	420		76.5	971.5			6.2	
	750	208.3	360		75	980.0			6.5	
7	550	152.8	514.5		75	1027.1	1250	5003-4 (IP23/6kV)	5.8	
	650	180.6	490		76.5	1133.4			6.2	
	750	208.3	420		75	1143.3			6.5	
8	550	152.8	588	75	1173.8	1600	5603-4 (IP23/6kV)	5.8		
	650	180.6	560	76.5	1295.3			6.2		
	750	208.3	480	75	1306.7			6.5		

* The 3rd digit of model name 'W' indicates water application. This digit can be changed suitable for other application (Refer the model identification code).

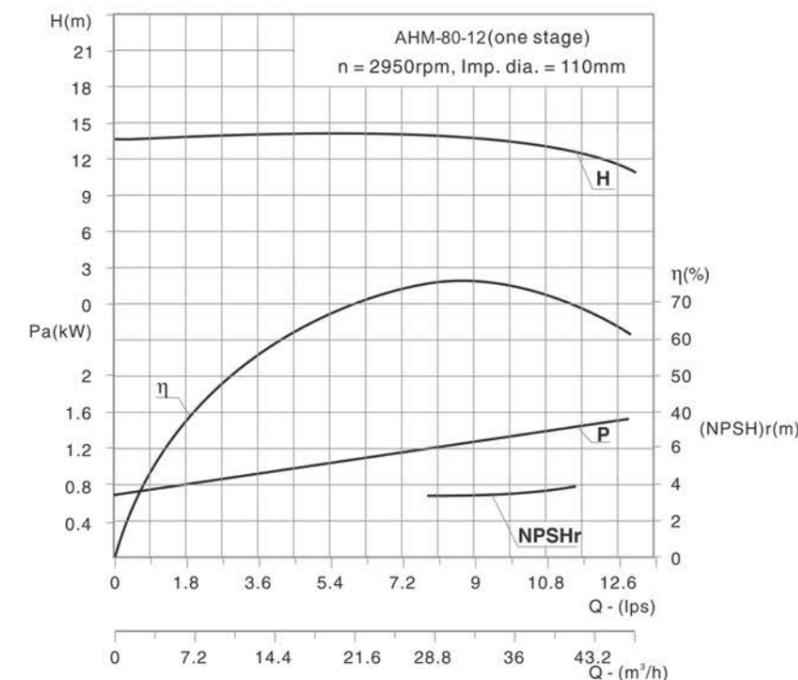
Performance Curve

AHM-740-80



Performance Curve

AHM-80-12



Performance Table

Stage	Q Flow		H Head (m)	n Speed (rpm)	η Eff. (%)	N Shaft Power (kW)	Motor		(NPSH)r (m)	D Impeller Diameter (mm)
	(m³/h)	(L/s)					Power (kW)	Frame Size - Pole		
2	640	168.4	168.4	1480	77.5	378.5	500	4004-4 (IP23/6kV)	5.8	Ø493
	740	160	160		78.4	411.2			6.2	
	840	146.6	146.6		77.3	433.6			6.5	
3	640	168.4	252.6		77.5	567.9	710	4502-4 (IP23/6kV)	5.8	
	740	160	240		78.4	616.8			6.2	
	840	146.6	219.9		77.3	650.4			6.5	
4	640	168.4	336.8		77.5	757.2	1000	5001-4 (IP23/6kV)	5.8	
	740	160	320		78.4	822.4			6.2	
	840	146.6	293.2		77.3	867.2			6.5	
5	640	168.4	421		77.5	946.5	1250	5003-4 (IP23/6kV)	5.8	
	740	160	400		78.4	1028			6.2	
	840	146.6	366.5		77.3	1084			6.5	
6	640	168.4	505.2		77.5	1135.8	1600	5603-4 (IP23/10kV)	5.8	
	740	160	480		78.4	1233.6			6.2	
	840	146.6	439.8		77.3	1300.8			6.5	

* The 3rd digit of model name 'W' indicates water application. This digit can be changed suitable for other application (Refer the model identification code).

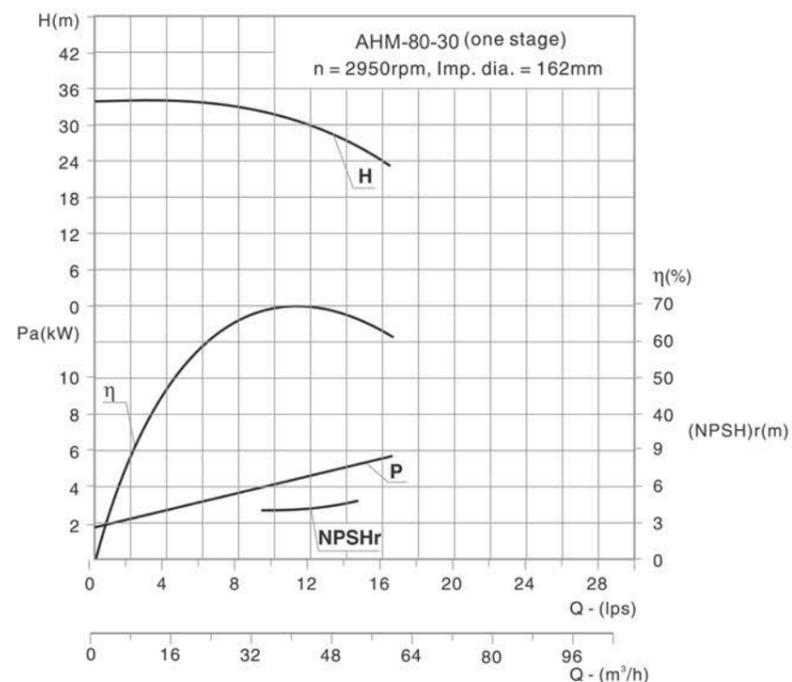
Performance Table

Stage	Q Flow		H Head (m)	n Speed (rpm)	η Eff. (%)	N Shaft Power (kW)	Motor		(NPSH)r (m)	D Impeller Diameter (mm)
	(m³/h)	(L/s)					Power (kW)	Frame Size - Pole		
2	21.6	6.0	28.8	2950	69	2.46	4	112M-2	3.2	Ø110
	34.6	9.6	22.8		75	2.84			3.3	
	39.6	11	19.0		72	2.82			3.4	
3	21.6	6.0	43.2		69	3.69	5.5	132S1-2	3.2	
	34.6	9.6	34.2		75	4.26			3.3	
	39.6	11	28.5		72	4.23			3.4	
4	21.6	6.0	57.6		69	4.92	7.5	132S2-2	3.2	
	34.6	9.6	45.6		75	5.69			3.3	
	39.6	11	38.0		72	5.64			3.4	
5	21.6	6.0	72.0		69	6.15	11	160M1-2	3.2	
	34.6	9.6	57.0		75	7.10			3.3	
	39.6	11	47.5		72	7.05			3.4	
6	21.6	6.0	86.4		69	7.38	11	160M1-2	3.2	
	34.6	9.6	68.4		75	8.52			3.3	
	39.6	11	57.0		72	8.46			3.4	
7	21.6	6.0	100.8		69	8.61	15	160M2-2	3.2	
	34.6	9.6	79.8		75	9.94			3.3	
	39.6	11	66.5		72	9.87			3.4	
8	21.6	6.0	115.2	69	9.84	15	160M2-2	3.2		
	34.6	9.6	91.2	75	11.36			3.3		
	39.6	11	76.0	72	11.28			3.4		
9	21.6	6.0	129.6	69	11.07	18.5	160L-2	3.2		
	34.6	9.6	102.6	75	12.78			3.3		
	39.6	11	85.5	72	12.69			3.4		

* The 3rd digit of model name 'W' indicates water application. This digit can be changed suitable for other application (Refer the model identification code).

Performance Curve

AHM-80-30



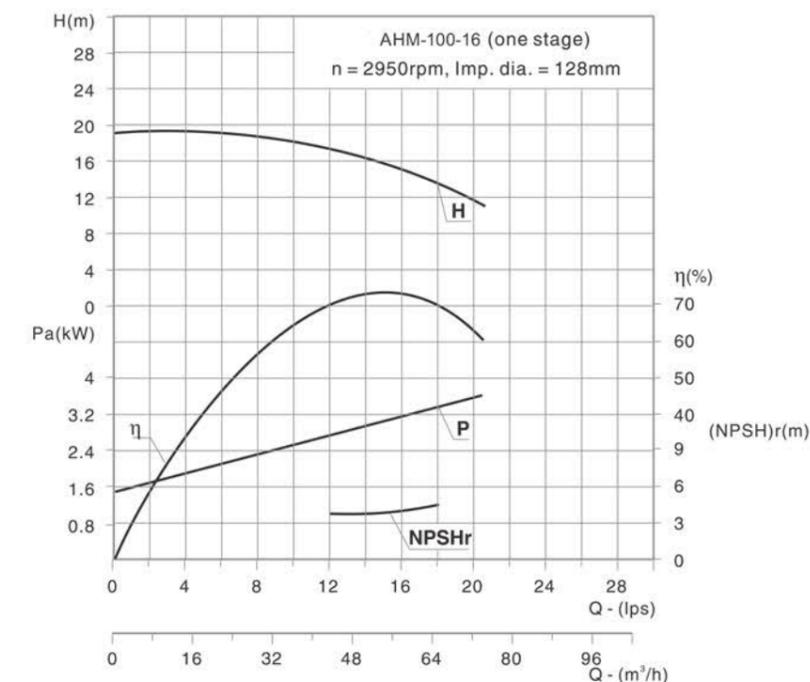
Performance Table

Stage	Q Flow		H Head (m)	n Speed (rpm)	η Eff. (%)	N Shaft Power (kW)	Motor		(NPSH)r (m)	D Impeller Diameter (mm)
	(m³/h)	(L/s)					Power (kW)	Frame Size - Pole		
3	26	7.22	102	2950	60	12.0	18.5	160L-2	3.0	Ø162
	43	11.94	90		70	15.1			3.9	
	48	13.33	83		69	15.7			4.3	
4	26	7.22	136		60	16.0	22	180M-2	3.0	
	43	11.94	120		70	20.1			3.9	
	48	13.33	111		69	20.96			4.3	
5	26	7.22	170		60	20.1	30	200L1-2	3.0	
	43	11.94	150		70	25.2			3.9	
	48	13.33	139		69	26.2			4.3	
6	26	7.22	204		60	24.1	37	200L2-2	3.0	
	43	11.94	180	70	30.2	3.9				
	48	13.33	167	69	31.44	4.3				
7	26	7.22	238	60	28.1	45	225M-2	3.0		
	43	11.94	210	70	35.2			3.9		
	48	13.33	195	69	36.68			4.3		
8	26	7.22	272	60	32.1	55	250M-2	3.0		
	43	11.94	240	70	40.2			3.9		
	48	13.33	222	69	41.96			4.3		
9	26	7.22	306	60	36.1	55	250M-2	3.0		
	43	11.94	270	70	45.3			3.9		
	48	13.33	250	69	47.16			4.3		
10	26	7.22	340	60	40.1	55	250M-2	3.0		
	43	11.94	300	70	50.3			3.9		
	48	13.33	278	69	53.0			4.3		

* The 3rd digit of model name 'W' indicates water application. This digit can be changed suitable for other application (Refer the model identification code).

Performance Curve

AHM-100-16



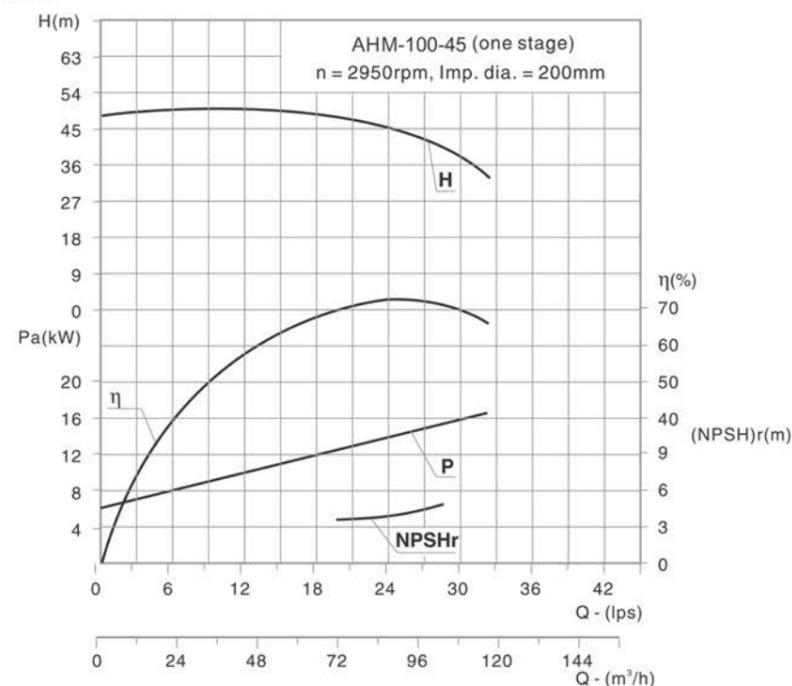
Performance Table

Stage	Q Flow		H Head (m)	n Speed (rpm)	η Eff. (%)	N Shaft Power (kW)	Motor		(NPSH)r (m)	D Impeller Diameter (mm)
	(m³/h)	(L/s)					Power (kW)	Frame Size - Pole		
2	36	10	40	2950	66	5.94	7.5	132S2-2	3.7	Ø128
	54.0	15	32		73	6.44			3.9	
	72.0	20	22		66	6.53			4.3	
3	36	10	60		66	8.91	15	160M2-2	3.7	
	54.0	15	48		73	9.67			3.9	
	72.0	20	34		66	9.80			4.3	
4	36	10	80		66	11.88	18.5	160L-2	3.7	
	54.0	15	64		73	12.89			3.9	
	72.0	20	45		66	13.07			4.3	
5	36	10	100		66	14.85	22	180M-2	3.7	
	54.0	15	80	73	16.11	3.9				
	72.0	20	56	66	16.33	4.3				
6	36	10	120	66	17.82	22	180M-2	3.7		
	54.0	15	96	73	19.33			3.9		
	72.0	20	67	66	19.60			4.3		
7	36	10	140	66	20.79	30	200L1-2	3.7		
	54.0	15	112	73	22.55			3.9		
	72.0	20	78	66	22.87			4.3		
8	36	10	160	66	23.76	30	200L1-2	3.7		
	54.0	15	128	73	25.78			3.9		
	72.0	20	90	66	26.13			4.3		
9	36	10	180	66	26.73	37	200L2-2	3.7		
	54.0	15	144	73	29.00			3.9		
	72.0	20	101	66	29.40			4.3		

* The 3rd digit of model name 'W' indicates water application. This digit can be changed suitable for other application (Refer the model identification code).

Performance Curve

AHM-100-45



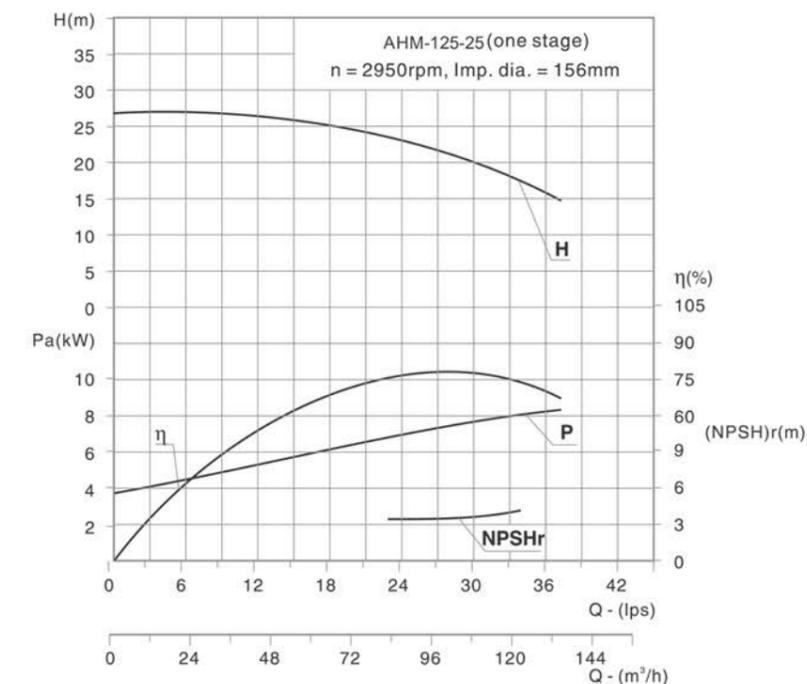
Performance Table

Stage	Q Flow		H Head (m)	n Speed (rpm)	η Eff. (%)	N Shaft Power (kW)	Motor		(NPSH)r (m)	D Impeller Diameter (mm)		
	(m³/h)	(L/s)					Power (kW)	Frame Size - Pole				
2	55	15.3	102	2950	63	24.25	37	200L2-2	3.2	Ø200		
	85	23.6	90		72	28.92						
	100	27.8	78		70	30.35					5.2	
3	55	15.3	153		63	36.38	55	250M-2	3.2		3.2	
	85	23.6	135		72	43.37						4.2
	100	27.8	117		70	45.52						5.2
4	55	15.3	204		63	48.5	75	280S-2	3.2		4.2	
	85	23.6	180		72	57.82						5.2
	100	27.8	156		70	60.7						5.2
5	55	15.3	255		63	60.63	90	280M-2	3.2		4.2	
	85	23.6	225		72	72.28						5.2
	100	27.8	195		70	75.86						5.2
6	55	15.3	306		63	72.75	110	315S-2	3.2		4.2	
	85	23.6	270		72	86.73						5.2
	100	27.8	234		70	91.04						5.2
7	55	15.3	357	63	84.88	132	315M-2	3.2	4.2			
	85	23.6	315	72	101.2					5.2		
	100	27.8	273	70	106.2					5.2		
8	55	15.3	408	63	97.0	132	315M-2	3.2	4.2			
	85	23.6	360	72	115.6					5.2		
	100	27.8	312	70	121.4					5.2		
9	55	15.3	459	63	109.1	160	315L1-2	3.2	4.2			
	85	23.6	405	72	130.1					5.2		
	100	27.8	351	70	136.6					5.2		

* The 3rd digit of model name 'W' indicates water application. This digit can be changed suitable for other application (Refer the model identification code).

Performance Curve

AHM-125-25



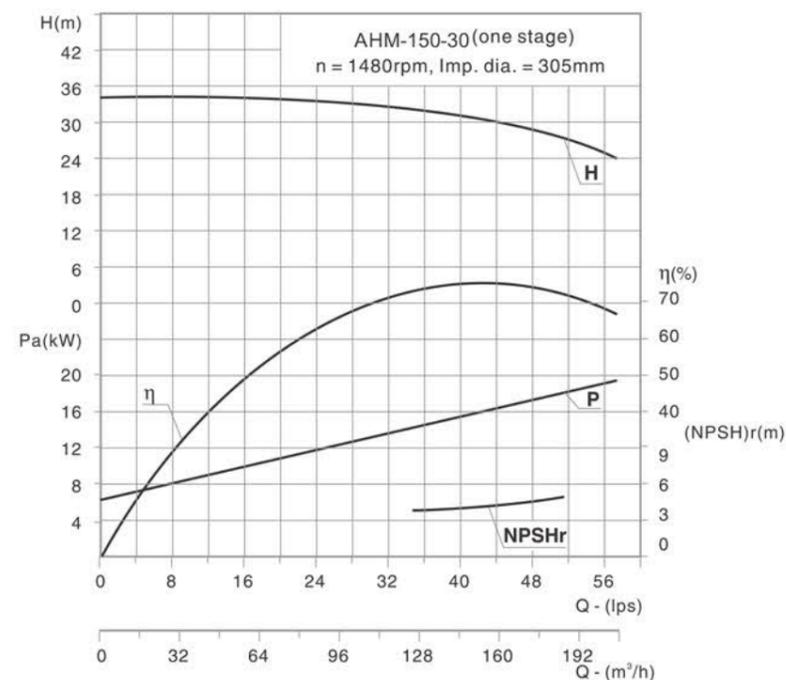
Performance Table

Stage	Q Flow		H Head (m)	n Speed (rpm)	η Eff. (%)	N Shaft Power (kW)	Motor		(NPSH)r (m)	D Impeller Diameter (mm)		
	(m³/h)	(L/s)					Power (kW)	Frame Size - Pole				
2	72	20	51.2	2950	70.5	14.20	22	180M-2	3.2	Ø156		
	101	28	43.0		77.5	15.20						
	119	33	35.0		77.0	15.30					4.3	
3	72	20	76.8		70.5	21.30	30	200L1-2	3.2		3.6	
	101	28	64.5		77.5	22.80						4.3
	119	33	52.5		77.0	22.90						4.3
4	72	20	102.4		70.5	28.40	37	200L2-2	3.2		3.6	
	101	28	86.0		77.5	30.40						4.3
	119	33	70.0		77.0	30.60						4.3
5	72	20	128.0		70.5	35.50	45	225M-2	3.2		3.6	
	101	28	107.5		77.5	38.00						4.3
	119	33	87.5		77.0	38.25						4.3
6	72	20	153.6		70.5	42.60	55	250M-2	3.2		3.6	
	101	28	129.0		77.5	45.60						4.3
	119	33	105.0		77.0	45.90						4.3
7	72	20	179.2	70.5	49.70	75	280S-2	3.2	3.6			
	101	28	150.5	77.5	53.20					4.3		
	119	33	122.5	77.0	53.55					4.3		
8	72	20	204.8	70.5	56.80	75	280S-2	3.2	3.6			
	101	28	172.0	77.5	60.80					4.3		
	119	33	140.0	77.0	61.20					4.3		
9	72	20	230.4	70.5	63.90	90	280M-2	3.2	3.6			
	101	28	193.5	77.5	68.40					4.3		
	119	33	157.5	77.0	68.85					4.3		

* The 3rd digit of model name 'W' indicates water application. This digit can be changed suitable for other application (Refer the model identification code).

Performance Curve

AHM-150-30



Performance Table

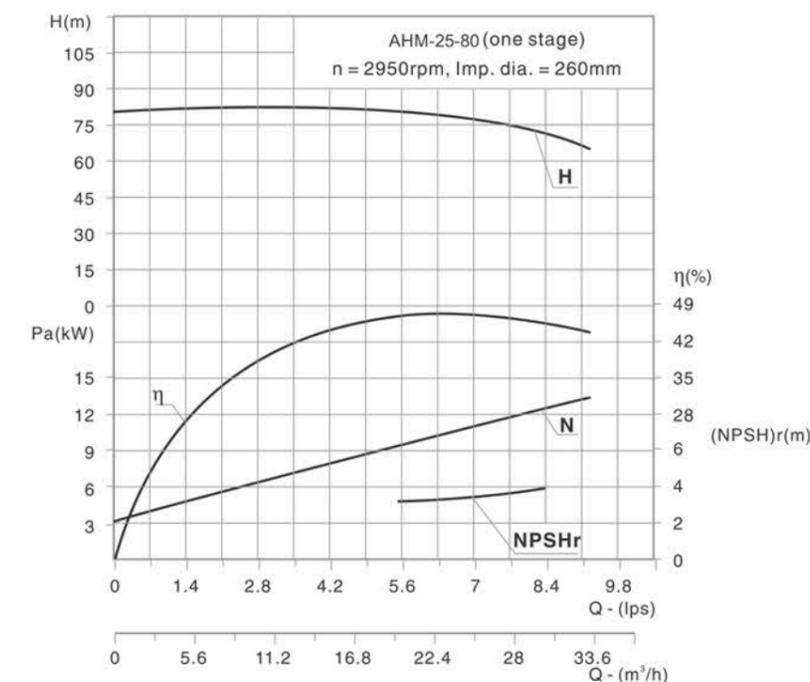
Stage	Q Flow		H Head (m)	n Speed (rpm)	η Eff. (%)	N Shaft Power (kW)	Motor		(NPSH)r (m)	D Impeller Diameter (mm)
	(m³/h)	(L/s)					Power (kW)	Frame Size - Pole		
2	119	33	64	1480	69.5	29.8	45	225M-4	3.2	Ø305
	155	43	60		75	33.71			3.9	
	190	52.8	54		76	36.95			4.8	
3	119	33	96		69.5	44.7	75	280S-4	3.2	
	155	43	90		75	50.57			3.9	
	190	52.8	81		76	55.42			4.8	
4	119	33	128		69.5	59.6	90	280M-4	3.2	
	155	43	120		75	67.42			3.9	
	190	52.8	108		76	73.9			4.8	
5	119	33	160		69.5	74.5	110	315S-4	3.2	
	155	43	150	75	84.28	3.9				
	190	52.8	135	76	92.37	4.8				
6	119	33	192	69.5	89.4	132	315M-4	3.2		
	155	43	180	75	101.1			3.9		
	190	52.8	162	76	110.8			4.8		
7	119	33	224	69.5	104.3	160	315L1-4	3.2		
	155	43	210	75	118.0			3.9		
	190	52.8	189	76	129.3			4.8		
8	119	33	256	69.5	119.2	200	315L2-4	3.2		
	155	43	240	75	134.8			3.9		
	190	52.8	216	76	147.8			4.8		
9	119	33	288	69.5	134.1	200	315L2-4	3.2		
	155	43	270	75	151.7			3.9		
	190	52.8	243	76	166.3			4.8		
10	119	33	320	69.5	149	220	315M1-4	3.2		
	155	43	300	75	168.6			3.9		
	190	52.8	270	76	184.7			4.8		

* The 3rd digit of model name 'W' indicates water application. This digit can be changed suitable for other application (Refer the model identification code).

Performance Curve

AHM-25-80

(High Pressure)

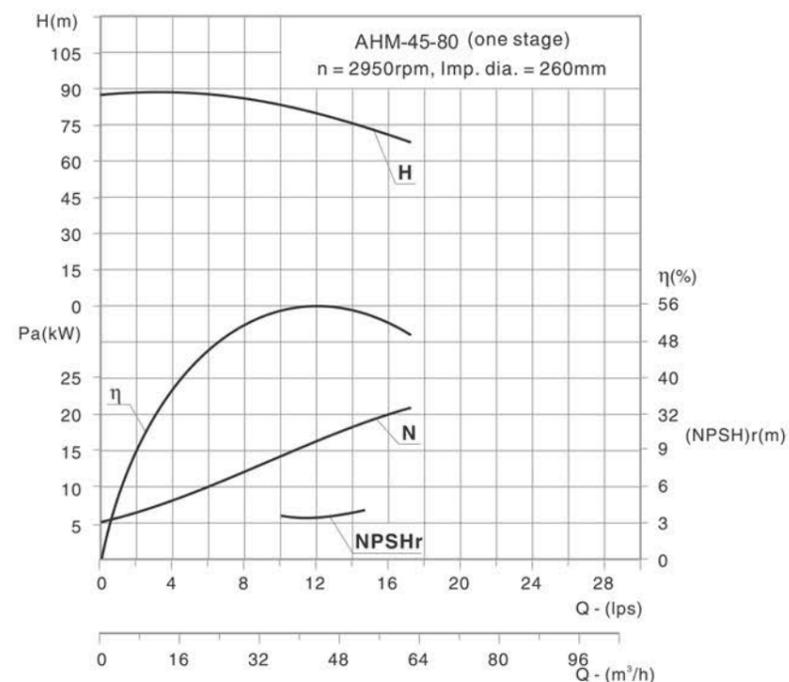


Performance Table

Stage	Q Flow		H Head (m)	n Speed (rpm)	η Eff. (%)	N Shaft Power (kW)	Motor		(NPSH)r (m)	D Impeller Diameter (mm)
	(m³/h)	(L/s)					Power (kW)	Frame Size - Pole		
6	17.4	4.83	508	2950	41.4	57.9	90	280M-2	3.1	Ø260
	25	6.94	476		48	67.5			3.3	
	29.1	8.08	454		51.8	69.5			3.8	
7	17.4	4.83	590		41.4	67.5	90	280M-2	3.1	
	25	6.94	556		48	78.9			3.3	
	29.1	8.08	530		51.8	81.1			3.8	
8	17.4	4.83	675		41.4	77.3	110	315S-2	3.1	
	25	6.94	635		48	90.1			3.3	
	29.1	8.08	505		51.8	92.6			3.8	
9	17.4	4.83	760		41.4	87	132	315M-2	3.1	
	25	6.94	715		48	101.4			3.3	
	29.1	8.08	681		51.8	104.2			3.8	
10	17.4	4.83	840	41.4	96.6	132	315M-2	3.1		
	25	6.94	795	48	112.8			3.3		
	29.1	8.08	757	51.8	115.8			3.8		
11	17.4	4.83	928	41.4	106.2	160	315L1-2	3.1		
	25	6.94	875	48	124.1			3.3		
	29.1	8.08	833	51.8	127.5			3.8		
12	17.4	4.83	1013	41.4	115.9	160	315L1-2	3.1		
	25	6.94	945	48	135.2			3.3		
	29.1	8.08	908	51.4	138.9			3.8		

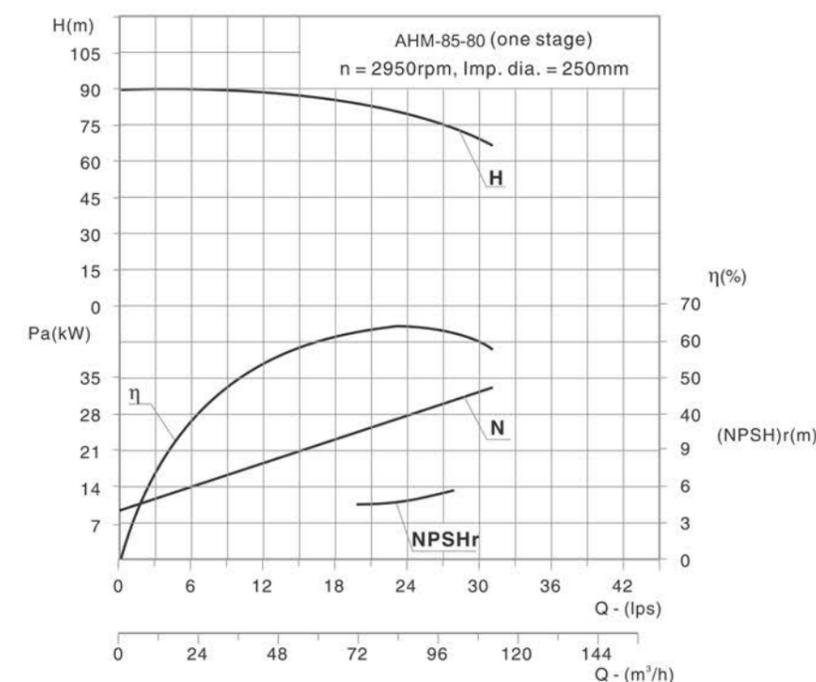
* The 3rd digit of model name 'W' indicates water application. This digit can be changed suitable for other application (Refer the model identification code).

Performance Curve



AHM-45-80
(High Pressure)

Performance Curve



AHM-85-80
(High Pressure)

Performance Table

Stage	Q Flow		H Head (m)	n Speed (rpm)	η Eff. (%)	N Shaft Power (kW)	Motor		(NPSH)r (m)	D Impeller Diameter (mm)
	(m³/h)	(L/s)					Power (kW)	Frame Size - Pole		
6	36	10	502	2950	50	98.4	160	315L1-2	3.9	Ø260
	45	12.5	480		55	107				
	62	17.2	409		56	123.3				
7	36	10	585.6	2950	50	114.8	160	315L1-2	3.9	Ø260
	45	12.5	560		55	124.8				
	62	17.2	447.2		56	143.9				
8	36	10	669.2	2950	50	131.2	200	315L2-2	3.9	Ø260
	45	12.5	640		55	142.6				
	62	17.2	545.2		56	164.4				
9	36	10	752.8	2950	50	147.6	220	3551-2/6kV	3.9	Ø260
	45	12.5	720		55	160.4				
	62	17.2	613.6		56	186				
10	36	10	836.4	2950	50	164	220	3551-2/6kV	3.9	Ø260
	45	12.5	800		55	178.3				
	62	17.2	681.8		56	205.3				
11	36	10	920	2950	50	180.4	250	3552-2/6kV	3.9	Ø260
	45	12.5	880		55	196.4				
	62	17.2	750		56	225.9				
12	36	10	1003.6	2950	50	196.8	280	3553-2/6kV	3.9	Ø260
	45	12.5	960		55	213.9				
	62	17.2	818.2		56	246.7				

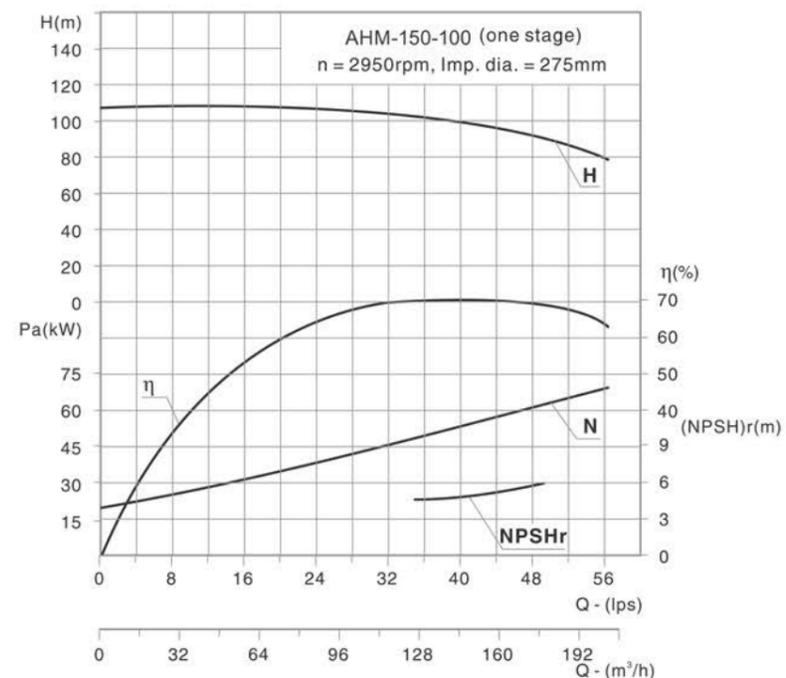
* The 3rd digit of model name 'W' indicates water application. This digit can be changed suitable for other application (Refer the model identification code).

Performance Table

Stage	Q Flow		H Head (m)	n Speed (rpm)	η Eff. (%)	N Shaft Power (kW)	Motor		(NPSH)r (m)	D Impeller Diameter (mm)
	(m³/h)	(L/s)					Power (kW)	Frame Size - Pole		
7	54	15	616	2950	53	170.9	250	3552-2/6kV	3.5	Ø250
	85	23.6	560		65	199.3				
	108	30	490		66	218.4				
8	54	15	704	2950	53	195.3	280	3553-2/6kV	3.5	Ø250
	85	23.6	640		65	227.8				
	108	30	560		66	249.6				
9	54	15	792	2950	53	219.8	355	3555-2/6kV	3.5	Ø250
	85	23.6	720		65	256.3				
	108	30	630		66	280.7				
10	54	15	880	2950	53	244.2	355	3555-2/6kV	3.5	Ø250
	85	23.6	800		65	284.8				
	108	30	700		66	311.9				
11	54	15	968	2950	53	268.6	400	3556-2/6kV	3.5	Ø250
	85	23.6	880		65	313.2				
	108	30	770		66	343				
12	54	15	1056	2950	53	293	450	4001-2/6kV	3.5	Ø250
	85	23.6	960		65	341.7				
	108	30	840		66	374.3				

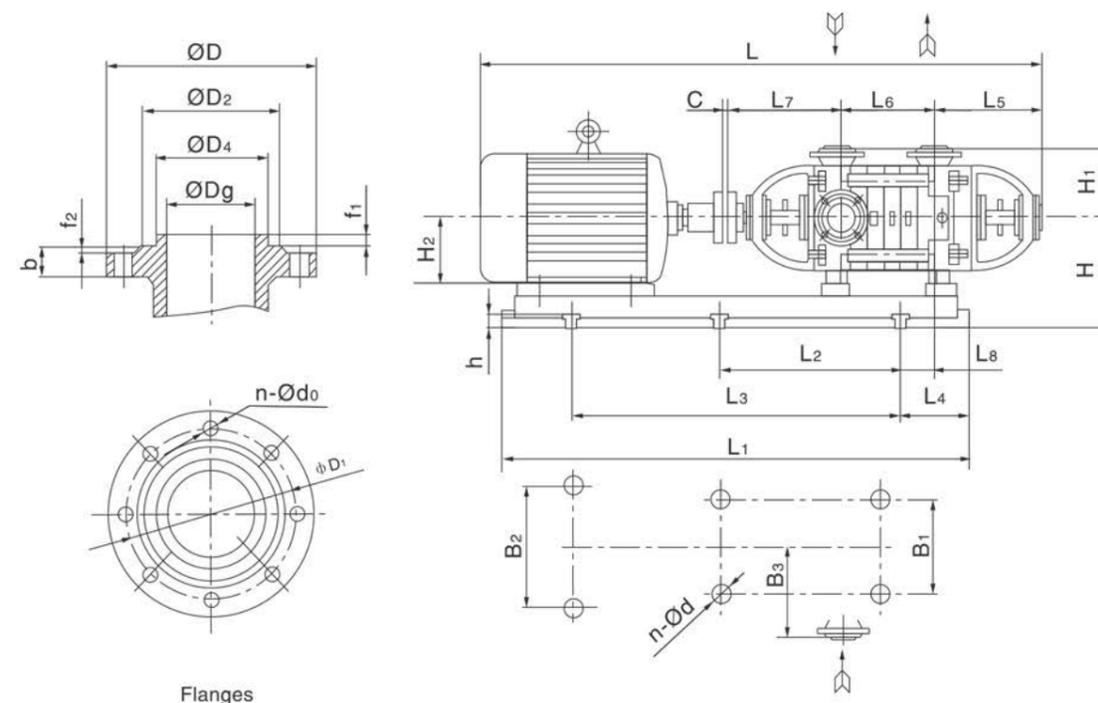
* The 3rd digit of model name 'W' indicates water application. This digit can be changed suitable for other application (Refer the model identification code).

Performance Curve



AHM-150-100 (High Pressure)

Overall Dimension Drawing (Pump + Motor)

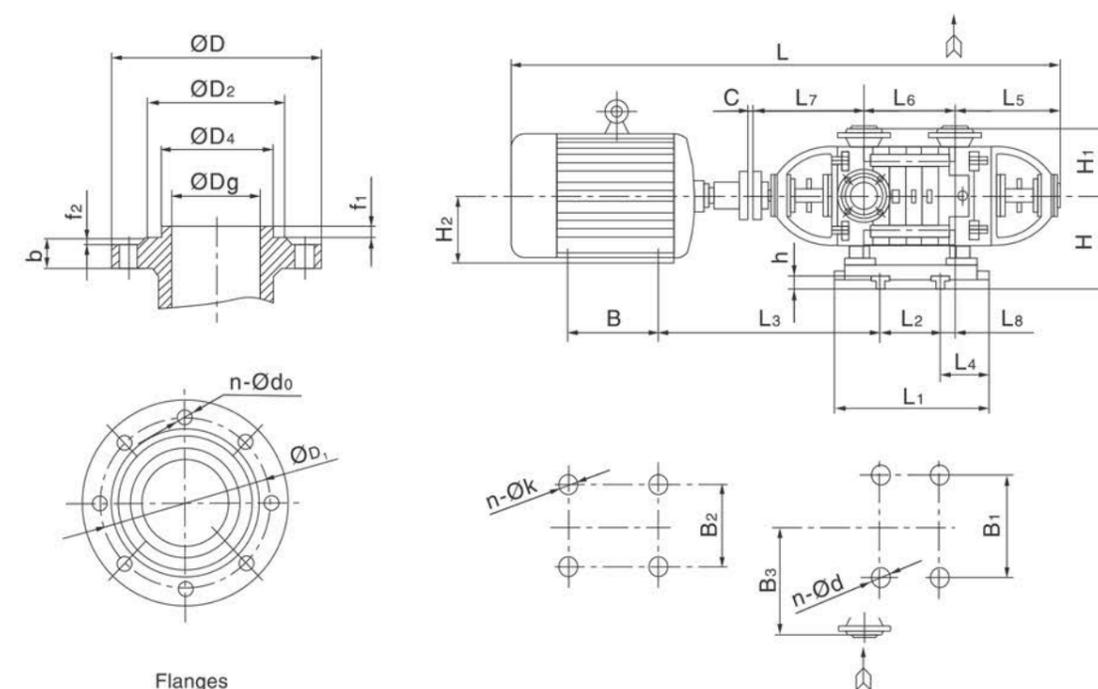


Flanges

Performance Table

Stage	Q Flow		H Head (m)	n Speed (rpm)	η Eff. (%)	N Shaft Power (kW)	Motor		(NPSH)r (m)	D Impeller Diameter (mm)
	(m³/h)	(L/s)					Power (kW)	Frame Size - Pole		
6	120	33.3	630	2950	67	307	440	JK134-2/6kV	3.4	Ø275
	150	41.6	591		70	345			4.8	
	180	50	540		72	368			5.5	
7	120	33.3	735		67	358.5	500	JK500-2/6kV	3.4	
	150	41.6	689.5		70	402.5			4.8	
	180	50	630		72	429			5.5	
8	120	33.3	840		67	410	630	JK630-2/6kV	3.4	
	150	41.6	788		70	460			4.8	
	180	50	720		72	490			5.5	
9	120	33.3	945		67	461	630	JK630-2/6kV	3.4	
	150	41.6	886.5		70	517.5			4.8	
	180	50	810		72	551.5			5.5	
10	120	33.3	1050		67	512	800	JK800-2/6kV	3.4	
	150	41.6	985		70	575			4.8	
	180	50	900		72	613			3.5	

Overall Dimension Drawing (Pump)



Flanges

* The 3rd digit of model name 'W' indicates water application. This digit can be changed suitable for other application (Refer the model identification code).

Overall Dimensions

AHM-6-25 (Pump + Motor)

Stage	L	L1	L2	L3	L4	L5	L6	L7	L8	C	B1	B2	B3	H	H1	H2	h	n-Ød
2	1047	855		575	145		130		85		350	350				100		
3	1192						180		55					275		132	30	
4	1242	965		645	190		230		105		370	370						
5	1292						280		155					260				
6	1478	1215		820	230	240	330	275	105	2	360	430	170		170			4-Ø24
7	1528						380		155					270		160	35	
8	1578	1430		920	300		430		170		410	480						
9	1628						480		170									
10	1723						530		170									
11	1773	1500		990	350		580		220		365	460		280			40	
12	1823						630		270									

AHM-6-50 (Pump + Motor)

Stage	L	L1	L2	L3	L4	L5	L6	L7	L8	C	B1	B2	B3	H	H1	H2	h	n-Ød
2	1407						160		5									
3	1467	1170		840	190		220		70		480	480		260		160		4-Ø24
4	1572	1230		845	210		280		140		460	460				180		
5	1654	1310		880	240		340		190		465	465						
6	1822						400		155					280	215	200	35	4-Ø24
7	1882	1650		990	415	284	460	343	215	2	445	510	215					
8	1942						520		275									
9	2002						580		335									
10	2097						640		155									
11	2157	1750		1305	220		700		215		470	545		305		225		
12	2335	2000	600	1200	400		760		329		460	595		330		250		6-Ø30

AHM-12-25 (Pump + Motor)

Stage	L	L1	L2	L3	L4	L5	L6	L7	L8	C	B1	B2	B3	H	H1	H2	h	n-Ød
2	1067						130		-5									
3	1192	965		645	190		180		55		370	370		250		132	30	
4	1378						230		75									
5	1428	1120		745	205		280		125		360	440		255			35	
6	1478						330		105									
7	1528	1215		820	230	240	380	275	155	2	360	430	170		170	160	30	4-Ø24
8	1623						430		170									
9	1673	1430		920	300		480		170		410	480					35	
10	1743						530		185									
11	1793	1490		975	355		580		235		365	470		280		180	30	
12	1952	1640		965	445		630		365		350	500		350			200	45

AHM-12-50 (Pump + Motor)

Stage	L	L1	L2	L3	L4	L5	L6	L7	L8	C	B1	B2	B3	H	H1	H2	h	n-Ød
2	1412						160		15									
3	1517	1230		845	210		220		75		460	460		260		160	30	
4	1597	1310		880	240		280		130		465	465						
5	1762						340		120									
6	1822	1650		990	415	284	400	345	185	5	445	510	215	280	215	200		4-Ø24
7	1882						460		245									
8	1982						520		-5									
9	2042	1750		1305	220		580		55		470	545		315		225	35	
10	2204						640		288									
11	2264	1870	500	1200	420		700		348		460	595		330		250		
12	2407	2000	600	1300	400		760		329			645		360		280		6-Ø30

Note: those with "-" in dimensions of "L8" means being on the other side.

Overall Dimensions

AHM-25-30 (Pump + Motor)

Stage	L	L1	L2	L3	L4	L5	L6	L7	L8	C	B1	B2	B3	H	H1	H2	h	n-Ød
2	1416						165		5									
3	1481	1170		840	190		230		70		480	480		260		160	35	
4	1591	1230		845	210		295		140		460	460						
5	1680	1310		880	240		360		190		465	465		210		180	30	
6	1850	1440		930	310	285	425	345	210	5								4-Ø24
7	1915						490		245									
8	1980	1650		990	415		555		310		445	510		280		200	35	
9	2045						620		375									
10	2150	1750		1305	220		685		155		470	545		315		225		

AHM-25-50 (Pump + Motor)

Stage	L	L1	L2	L3	L4	L5	L6	L7	L8	C	B1	B2	B3	H	H1	H2	h	n-Ød
3	1637	1240		665	280		250		175		500	500		360		180	40	
4	1802	1430		900	250		310		100		520	520		320		200	45	4-Ø24
5	1862						370		160									
6	1962	1560	530	1060	235		430		165		560	560		365		225		
7	2137	1740	555	1120	360		490	345	125	2	530	600	300	350	270	250		
8	2267					355	550		120									40
9	2327						610		110		500	720		430		280		6-Ø24
10	2387	2040	725	1470	380		670		170									
11	2497						730		230									
12	2753	2200	745	1490	370		790		270		510	730		440		315	50	

AHM-46-30 (Pump + Motor)

Stage	L	L1	L2	L3	L4	L5	L6	L7	L8	C	B1	B2	B3	H	H1	H2	h	n-Ød
2	1416						165		5									
3	1546	1170		840	190		230		130		485	485		260		160	40	
4	1720						295		140									
5	1785	1440		930	310		360		190		465	510		280		200	30	
6	1855					280	425	345	210	5								4-Ø24
7	1955	1560		1110	230		490		50		460	540		315		225	35	
8	2135						555		260		480	610		330		250		
9	2200	1750		1120	390		620		325									
10	2335	1910		1240	410		685		340		470	660		360		280		

AHM-46-50 (Pump + Motor)

Stage	L	L1	L2	L3	L4	L5	L6	L7	L8	C	B1	B2	B3	H	H1	H2	h	n-Ød
2	1682						190		-15									
3	1742	1430		900	250		250		45		520	520		320		200	45	4-Ø24
4	1842	1560	530	1060	235		310		0		560	560		365		225		
5	2017	1740	555	1115	360		370		100		530	600		350		250		
6	2147						430		-30									
7	2257	2040	725	1470	380	355	490	345	60	2	500	720	300	430	270	280		40
8	2317						550		120									
9	2573						610		110									
10	2703						670		170									
11	2763	2200	745	1490	370		730		230		510	730		440		315	50	
12	2823						790		270									

Note: those with "-" in dimensions of "L8" means being on the other side.

Overall Dimensions

AHM-85-45 (Pump + Motor)

Stage	L	L1	L2	L3	L4	L5	L6	L7	L8	C	B1	B2	B3	H	H1	H2	h	n-Ød
2	1641	1250	—	840	200		203		110		520	520		325		200	30	4-Ø24
3	1870	1520		1040	230	304	277	340	130	4	530	635	250	360	250	250	40	4-Ø24
4	2014	1690	560	1120	310		351		145		520	670		385		280	35	6-Ø24
5	2137						425		205									

AHM-85-45 (Pump)

Stage	L	L1	L2	L3	L4	L5	L6	L7	L8	C	B	B1	B2	B3	H	H1	H2	h	n-Ød	4-ØK
4	2014	600	330	707	135		351		3		368	520	460				280		4-Ø24	Ø24
5	2137			694			425		40		419								4-Ø24	
6	2408	750	380	785		304	499	340	53	4	406	540	535	250	345	250		40		Ø28
7	2552			821	190		573		90											
8	2626	900	525	779			647		61		457	520	510						4-Ø26	
9	2700			816			721		98											

AHM-85-67 (Pump)

Stage	L	L1	L2	L3	L4	L5	L6	L7	L8	C	B	B1	B2	B3	H	H1	H2	h	n-Ød	4-ØK
3	2465			880.5			371		-14		419		457				280	50		Ø24
4	2743	765	400	950.5			459		29.5		406							60		
5	2901			994.5			547		73.5											
6	2989	945	580	948.5	182	479	635	559	27.5	4	457	600	508	350	420	350	315	50	4-Ø30	Ø28
7	3007			992.5			723		71.5									50		
8	3395	1125	760	946.5			811		25.5		560		610							
9	3483			990.5			899		69.5									60		

AHM-120-50 (Pump + Motor)

Stage	L	L1	L2	L3	L4	L5	L6	L7	L8	C	B1	B2	B3	H	H1	H2	h	n-Ød
2	1912	1430	—	900	265		260.5		202		595	595		355		250		4-Ø28
3	2119	1635		1000			347.5				545	650		385		280		
4	2466	1895	500	1200	300		434.5		237			735						
5	2553					304	521.5	353.5		4								
6	2640						608.5				550		300	435	1316	315	50	6-Ø40
7	2727	2210	550	1350	400		695.5		337			750						
8	2814						782.5											
9	2901	2370	800	1600			869.5					860		485		355		

AHM-155-30 (Pump + Motor)

Stage	L	L1	L2	L3	L4	L5	L6	L7	L8	C	B1	B2	B3	H	H1	H2	h	n-Ød
2	1916						310		-25							225		6-Ø26
3	2186	1980	680	1350	315		425	388	90		660	660	350	400	350			
4	2351						540		210							280		
5	2710					365	655		230	4							35	
6	2897	2400	750	1500	530		770	418	345		580	720	350	445	350	315		
7	3014						885		460									

Note: those with "-" in dimensions of "L8" means being on the other side.

Overall Dimensions

AHM-155-30 (Pump)

Stage	L	L1	L2	L3	L4	L5	L6	L7	L8	C	B	B1	B2	B3	H	H1	H2	h	n-Ød	4-ØK
2	1916			605			310		-70		311		356				225			
3	2186	740	450	746			425	388	-12.5		368	600	457				50	4-Ø26	Ø24	
4	2351			804			540		45		419									
5	2710			811	140		655		70	4	406									
6	2897	1060	805	868			770		12.5		457	580	508	350	400	350		4-Ø27		
7	3014			958			885	418	-45		508							40		
8	3130			821			1000		-105											
9	3245	1500	1210	878	145		1115		-47.5	5	595							4-Ø25		
10	3590			903			1230		10		560	610						355		

AHM-155-67 (Pump)

Stage	L	L1	L2	L3	L4	L5	L6	L7	L8	C	B	B1	B2	B3	H	H1	H2	h	n-Ød	4-ØK
3	2725			906.5			371		-14		457		508				315			
4	2743	765	400	950.5			45		29.5		560									
5	3131			995.5			547		73.5	4										
6	3219	945	580	987.5	182	479	635	559	27.5		630	600	610	355	420	350	355	50	4-Ø30	Ø28
7	3308			1031			723		71.5											
8	3295	1125	760	985.5			811		25.5	5										
9	4634			1095			899		69.5		1000		710					400		Ø32

AHM-280-43 (Pump)

Stage	L	L1	L2	L3	L4	L5	L6	L7	L8	C	B	B1	B2	B3	H	H1	H2	h	h1	n-Ød	4-ØK
2	2423			773			373		-52		406								35		
3	2623	735	435	838	150		503		13		457		508				315				
4	2753			903			633	388	78	5	508										
5	3113			821.5			763		-39.5		560	700	610	450	480	400	355	50	38	4-Ø30	
6	3243	1125	800	886.5			893		25.5		630										
7	3815			1072.5	162.5		1023		90.5												
8	3945	1385	1060	1007.5			1153	420	25.5	6	1000		710				400			Ø35	
9	4075			1072.5			1283		90.5												

AHM-280-65 (Pump)

Stage	L	L1	L2	L3	L4	L5	L6	L7	L8	C	B	B1	B2	B3	H	H1	H2	h	h1	n-Ød	4-ØK
3	3214	690	310	1243			475				900		630				355		35		Ø28
4	3754	820	440				605			6											
5	3884	950	570	1263			735				1000		710				400				
6	4014	1080	700				865	625	80			790		500	530	500		50	38	4-Ø40	Ø35
7	4345	1210	830				995														
8	4475	1340	960	1284			1125			7	1120		800				450				
9	4605	1470	1090				1255														
10	5105	1600	1220	1444			1385														

Note: those with "-" in dimensions of "L8" means being on the other side.

Overall Dimensions

AHM-360-40 (Pump)

Stage	L	L ₁	L ₂	L ₃	L ₄	L ₅	L ₆	L ₇	L ₈	C	B	B ₁	B ₂	B ₃	H	H ₁	H ₂	h	h ₁	n-Ød	4-ØK	
2	2539	505	200	927			390				457		508				315					
3	2909	645	340				530				560		610				355		38			Ø28
4	3049	785	480	965			670				630		700				400					
5	3189	925	620				810				1000		710	450	450	400	400				4-Ø40	
6	3731	1065	760		150	384	950	417	73	6							400	50				Ø35
7	3871	1205	900	1087			1090										400		40			
8	4011	1345	1040				1230										450					
9	4151	1485	1180				1370										450					
10	4291	1626	1320	1107			1510				1120		800				450					

AHM-450-60 (Pump)

Stage	L	L ₁	L ₂	L ₃	L ₄	L ₅	L ₆	L ₇	L ₈	C	B	B ₁	B ₂	B ₃	H	H ₁	H ₂	h	h ₁	n-Ød	4-ØK	
3	3281	725	390		1243	170	574						710				355					
4	3844	860	541		160		727				1000						400					Ø35
5	4197	1070	694				880										450	45				
6	4350	1230	847	1263		537	1033	591	11.5	7	1120	850	800	500	560	550	450		38		4-Ø42	
7	4503	1380	1000				1186										500					
8	4656	1535	1153		190		1339										500					
9	5179	1685	1306				1492										500					Ø42
10	5331	1840	1459	1423			1645				1250		900				500					

AHM-550-50 (Pump)

Stage	L	L ₁	L ₂	L ₃	L ₄	L ₅	L ₆	L ₇	L ₈	C	B	B ₁	B ₂	B ₃	H	H ₁	H ₂	h	h ₁	n-Ød	4-ØK	
2	3448	725	390	1146.5	170		421				900		630				355					Ø28
3	3693	860	541		160		574						710				400					
4	3846	1075	694	1166.5			727				1000						400					
5	3999	1230	847				880										450	45				Ø35
6	4352	1380	1000			537	1033	591	11.5	7		850		500	560	550	450		40		4-Ø42	
7	4505	1535	1153	1186.5	190		1186				1120		800				450					
8	4658	1685	1306				1339										500					
9	5181	1840	1459	1346.5			1492				1250		900				500					Ø42

AHM-650-70 (Pump)

Stage	L	L ₁	L ₂	L ₃	L ₄	L ₅	L ₆	L ₇	L ₈	C	B	B ₁	B ₂	B ₃	H	H ₁	H ₂	h	h ₁	n-Ød	4-ØK	
2	3691	697	317				599						710				400					
3	3869	875	495	1363			777				1000						400					
4	4236	1053	673				955										450	50				Ø35
5	4414	1231	851	1383			1133	638	111	7	1120	950	800	615	620	540	450		40		4-Ø42	
6	4795	1409	1029				1311										500					
7	4973	1587	1207		1543		1489				1250		900				500					
8	5679	1765	1385	1568			1677				1400		1000				560					Ø42

Note: those with "-" in dimensions of "L8" means being on the other side.

Overall Dimensions

AHM-7400-80 (Pump)

Stage	L	L ₁	L ₂	L ₃	L ₄	L ₅	L ₆	L ₇	L ₈	C	B	B ₁	B ₂	B ₃	H	H ₁	H ₂	h	h ₁	n-Ød	4-ØK	
2	3680	697	317	1363			599				1000		710				400					Ø35
3	4069	875	495	1383			777				1120		800				450					
4	4615	1053	673		190	465	955	638	111	7	1250	950	900	615	620	540	500	50	40		4-Ø42	
5	4793	1231	851				1133										500					
6	5321	1409	1029	1568			1311				1400		1000				560					

AHM-80-12 (Pump + Motor)

Stage	L	L ₁	L ₂	L ₃	L ₄	L ₅	L ₆	L ₇	L ₈	C	B ₁	B ₂	B ₃	H	H ₁	H ₂	h	h ₁	n-Ød	4-ØK		
2	1153						195										112					
3	1298	1120		785	180		265	290			410	410				260						
4	1368						335										132	35				
5	1574	1400		1060	165	255	405							170		280	210		40		4-Ø24	
6	1644						475				3											
7	1714						545	293				430	430									
8	1784	1580		1065	345		615									270						
9	1899						685															

AHM-80-30 (Pump + Motor)

Stage	L	L ₁	L ₂	L ₃	L ₄	L ₅	L ₆	L ₇	L ₈	C	B ₁	B ₂	B ₃	H	H ₁	H ₂	h	h ₁	n-Ød	4-ØK		
3	1449	1140		785	200		229		120							280						
4	1530	1200			215		290		140		440	440				275						
5	1698						351		50													
6	1759	1415		1010	195	245	412	300	110		430	490	200			300	205		40		4-Ø24	
7	1860	1520		995	265		473		165	2	440	540				335			45			
8	2036						534		60													
9	2097	1820	665	1330	240		595		90		455	600				350						
10	2158						656		150													

AHM-100-16 (Pump + Motor)

Stage	L	L ₁	L ₂	L ₃	L ₄	L ₅	L ₆	L ₇	L ₈	C	B ₁	B ₂	B ₃	H	H ₁	H ₂	h	h ₁	n-Ød	4-ØK		
2	1260	1010		635	190		229		135		500	500				250						4-Ø27
3	1470						306	266	35							285						
4	1589	1260		850	190		383		110		480	480				285						4-Ø25
5	1696						460		50							295						
6	1773	1415		1020	205	275	537	276	-45	2	450	450	220			325	230		180	40		4-Ø23
7	1967						614		225													
8	2046	1820		1000	410		691	288	275		545	545				300						4-Ø26
9	2123						768		315													

AHM-100-45 (Pump + Motor)

Stage	L	L ₁	L ₂	L ₃	L ₄	L ₅	L ₆	L ₇	L ₈	C	B ₁	B ₂	B ₃	H	H ₁	H ₂	h	h ₁	n-Ød	4-ØK		
2	1641	1250		840	200		203		110		520	520				325						
3	1870	1520		1040	230		277		130		530	635				360						4-Ø24
4	2014						351	340	145	4												
5	2137	1690	560	1120	310		425		205		520	670	250			385	250					6-Ø24

Note: those with "-" in dimensions of "L8" means being on the other side.

Overall Dimensions

AHM-100-45 (Pump)

Stage	L	L ₁	L ₂	L ₃	L ₄	L ₅	L ₆	L ₇	L ₈	C	B	B ₁	B ₂	B ₃	H	H ₁	H ₂	h	n-Ød	4-ØK	
4	2014	600	330	707	135		351		3		368	520	460				280		4-Ø24	Ø24	
5	2137			694			425		40		419										
6	2408	750	380	785			499	340	53	4	406	540	535	250	345						
7	2552			821	190		573		90								315			Ø28	
8	2626	900	525	779			647		61		457	520	510								
9	2700			816			721		98											4-Ø26	

AHM-125-25 (Pump + Motor)

Stage	L	L ₁	L ₂	L ₃	L ₄	L ₅	L ₆	L ₇	L ₈	C	B ₁	B ₂	B ₃	H	H ₁	H ₂	h	n-Ød
2	1477	1180		740	210		262		125		520	520		335		180		4-Ø24
3	1676			1010	250		352	287	45		555	555		315		200		
4	1766	1480					442		135								40	
5	1906	1560	530	1060	235		532		115	2	560	560	280	365	300	225		
6	2111	1740	555	1115	360	245	622		275		530	600		350		250		
7	2271						712	297	160									6-Ø24
8	2361	2210	700	1410	380		802		215		610	705		395		280	60	
9	2501						892		295	4								

AHM-150-30 (Pump + Motor)

Stage	L	L ₁	L ₂	L ₃	L ₄	L ₅	L ₆	L ₇	L ₈	C	B ₁	B ₂	B ₃	H	H ₁	H ₂	h	n-Ød
2	1916						310		-25							225		
3	2186	1980	680	1350	315		425	388	90		660	660	350	400	350	280		
4	2351						540		210	4							35	6-Ø26
5	2710					365	655		230									
6	2897	2400	750	1500	530		770	418	345		580	720	350	445	350	315		
7	3014						885		460									

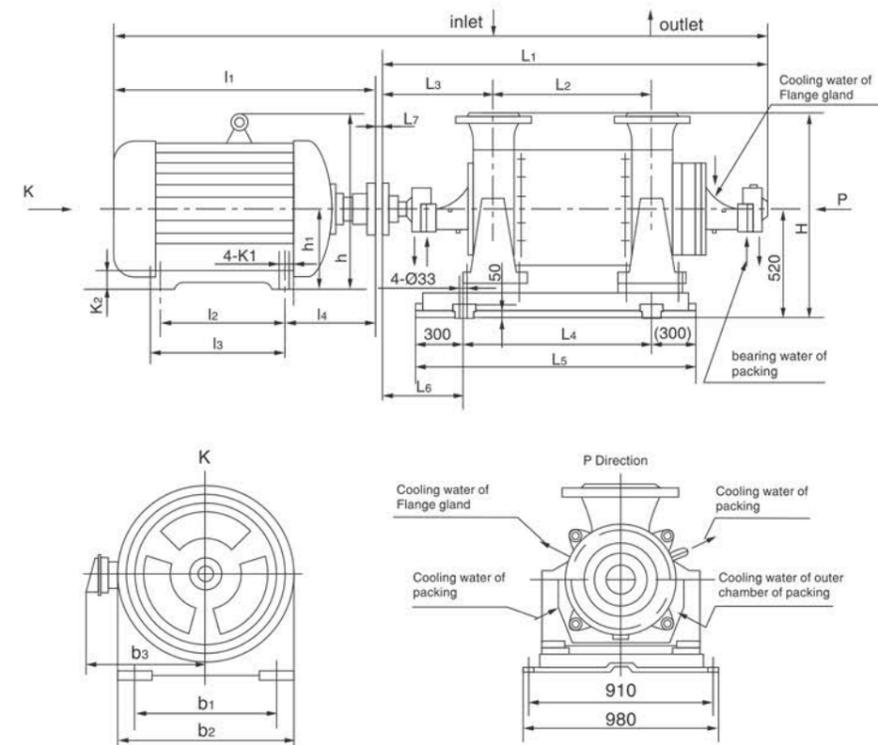
AHM-150-30 (Pump)

Stage	L	L ₁	L ₂	L ₃	L ₄	L ₅	L ₆	L ₇	L ₈	C	B	B ₁	B ₂	B ₃	H	H ₁	H ₂	h	n-Ød	4-ØK
2	1916			605			310		-70		311		356				225		4-Ø26	Ø24
3	2186	740	450	746			425	388	-12.5		368	600	457				280	50		
4	2351			804	140		540		45	4	419									
5	2710			811			655		70		406									
6	2897	1060	805	868		365	770		12.5		457	580		350	400	350			4-Ø27	
7	3014			958			885	418	-45			508					315	40		
8	3130			821			1000		-105		508									Ø28
9	3245	1500	1210	878	145		1115		-47.5	5	595									4-Ø25
10	3590			903			1230		10		560		610				355			

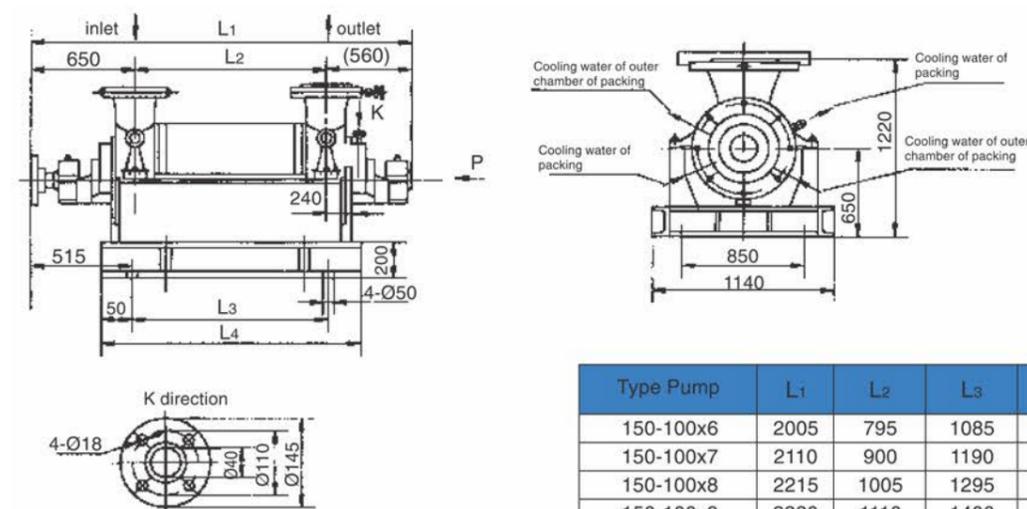
Note: those with "-" in dimensions of "L8" means being on the other side.

Overall Dimension Drawing (High Pressure)

AHM-25-80, 45-80, 85-80



AHM-150-100



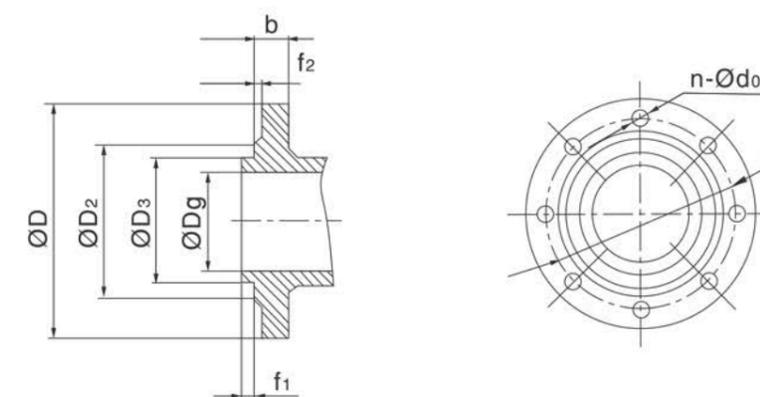
Type Pump	L ₁	L ₂	L ₃	L ₄
150-100x6	2005	795	1085	1185
150-100x7	2110	900	1190	1290
150-100x8	2215	1005	1295	1395
150-100x9	2320	1110	1400	1500
150-100x10	2425	1215	1505	1605

Overall Dimensions (High Pressure)

AHM-25-80, 45-80, 85-80

Pump type	Pump Part									Motor Part											
	L	L ₁	L ₂	L ₃	L ₄	L ₅	L ₆	L ₇	H	l ₁	l ₂	l ₃	l ₄	b ₁	b ₂	b ₃	h	h ₁	k ₁	k ₂	
AHM-25-80x6	2480	1426	536																		
AHM-25-80x7	2559	1505	615		432	1032				1050	419	560	330	457	550	580	640	280	24	30	
AHM-25-80x8	2828	1584	694							1240	406	550									
AHM-25-80x9	2977	1663	773	439																	
AHM-25-80x10	3056	1742	852																		
AHM-25-80x11	3135	1821	931		827	1427															
AHM-25-80x12	3214	1900	1010																		
AHM-45-80x6	2740	1426	536				532	4	870	1310											
AHM-45-80x7	2819	1505	615		432	1032					508	650									
AHM-45-80x8	2898	1584	694																		
AHM-45-80x9	3537	1663	773	439																28	
AHM-45-80x10	3616	1742	852																		40
AHM-45-80x11	3695	1821	931		827	1427				1870	900	1420									
AHM-45-80x12	3774	1900	1010																		
AHM-85-80x7	3575	1700	630	432		1032							485	630	770	800	1170	355			
AHM-85-80x8	3655	1780	710		590																
AHM-85-80x9	3735	1860	790			1190															
AHM-85-80x10	3815	1940	870	543			643	5	880	1870	900	1510									
AHM-85-80x11	3895	2020	950		827	1427															
AHM-85-80x12	3975	2100	1030							2090	1000	1510	545	710	810	850	1330	400	35		

Inlet and Outlet Flanges Dimensions



Pump type	Inlet flange								Outlet flange							
	Dg	D	D1	D2	D3	b	f1/f2	n-Ød	Dg	D	D1	D2	D3	b	f1/f2	n-Ød
AHM 6-25	40	130	100	80	—	16	-/3	4-13.5	40	150	110	88	75	20	4/3	4-17.5
AHM 6-50	50	160	110	90	—	30	-/3	4-13.5	50	175	135	105	87	28	4/3	4-23
AHM 12-25	50	140	110	90	—	16	-/3	4-13.5	40	150	110	88	75	20	4/3	4-17.5
AHM 12-50	50	160	110	90	—	30	-/3	4-13.5	50	175	135	105	87	28	4/3	4-23
AHM 25-30	65	160	130	110	—	16	-/3	4-13.5	65	185	145	122	109	24	4/3	8-17.5
AHM 25-50	80	190	150	128	—	18	-/3	4-17.5	80	215	170	133	120	30	4/3	8-22
	80	215	170	133	120	30	4/3	8-22								
AHM 46-30	80	190	150	128	—	18	-/3	4-17.5	65	185	145	122	109	24	4/3	8-17.5
AHM 46-50	80	190	150	128	—	18	-/3	4-17.5	80	215	170	133	120	30	4/3	8-22
	80	215	170	133	120	30	4/3	8-22								
AHM 85-45	100	210	170	148	—	18	-/3	4-17.5	100	235	190	158	149	28	4.5/3	8-22

Inlet and Outlet Flanges Dimensions

Pump type	Inlet flange								Outlet flange							
	Dg	D	D ₁	D ₂	D ₃	b	f ₁ /f ₂	n-Ød	Dg	D	D ₁	D ₂	D ₃	b	f ₁ /f ₂	n-Ød
AHM 85-67	150	265	225	202	—	20	-/3	8-17.5	150	345	280	212	203	33	4.5/3	8-33
	150	345	280	212	203	33	4.5/3	8-33								
AHM 120-50	125	240	200	178	—	20	-/3	8-17.5	125	270	220	184	175	30	4.5/3	8-26
AHM 155-30	150	285	240	212	—	26	-/3	8-22	150	300	250	212	203	34	4.5/3	8-26
AHM 155-67	150	265	225	205	—	20	-/3	8-17.5	150	345	280	212	203	33	4.5/3	8-33
	150	345	280	212	203	33	4.5/3	8-33								
AHM 280-43	200	340	295	268	—	28	-/3	8-22	200	375	320	285	259	38	4.5/3	12-30
280-65	200	340	295	268	—	30	-/3	12-22	200	415	345	285	259	44	4.5/3	12-36
AHM 360-40	200	340	295	268	—	28	-/3	8-22	200	375	320	285	259	38	4.5/3	12-30
AHM 450-60	250	405	355	320	—	32	-/3	12-26	250	470	400	345	312	48	4.5/3	12-36
AHM 550-50	250	405	355	320	—	32	-/3	12-26	250	470	400	345	312	48	4.5/3	12-36
AHM 650-70	300	530	460	412	—	32	-/3	16-41	300	585	500	442	—	48	4.5/3	16-48
AHM 740-80	300	530	460	412	—	32	-/3	16-41	300	585	500	442	—	48	4.5/3	16-48
AHM 80-12	80	190	150	128	—	18	-/3	4-17.5	80	200	160	133	—	26	-/3	8-17.5
AHM 80-30	80	195	160	135	—	22	-/3	4-17.5	80	200	160	133	—	26	-/3	8-17.5
AHM 100-16	100	210	170	148	—	18	-/3	4-17.5	100	220	180	158	—	24	-/3	8-17.5
AHM 100-45	100	210	170	148	—	18	-/3	4-17.5	100	235	190	158	149	28	4.5/3	8-22
AHM 125-25	125	240	200	178	—	20	-/3	8-17.5	125	270	220	184	175	30	4.5/3	8-26
AHM 150-30	150	285	240	212	—	26	-/3	8-22	150	300	250	212	203	34	4.5/3	8-26
AHM-25-80	80	195	160	135	—	25	-/3	8-18	65	220	170	138	109	28	4/3	8-25
AHM-45-80	80	195	160	135	—	25	-/3	8-18	65	265	170	138	109	28	4.5/3	8-25
AHM-85-80	100	215	180	155	—	25	-/3	8-18	100	350	210	172	149	34	4.5/3	8-30
AHM-150-100	200	360	310	278	—	34	-/3	12-23	150	350	290	250	203	46	4.5/3	12-34

www.aro-w.com