NANFANG PUMP INDUSTRY CO., LTD.

CNP Headquarter
Add：Renhe Town, Hangzhou China
Postcode：311107
Tel：+86 571 86397810, 86397838
Fax：+86 571 86397809
Email：info@nanfang-pump.com
Website: www.cnppump.com

CNP CHANGSHA CO.,LTD.

Add：Changsha, Hunan, China
Postcode：410100
Tel：+86 731 86912839
Fax：+86 731 86912839
Email: ch-sales2@nanfang-pump.com
Website：www.cnp-changsha.com

Nf00015

HMC

Multistage Horizontal Centrifugal Pump

NANFANG PUMP INDUSTRY CO., LTD.

Multistage Horizontal Centrifugal Pump

Application

- Water Plant
- Pressure Boosting
- Fire Fighting
- Sprinkling and Irrigation
- General Industrial Services
- Mines
- Boiler Feed
- Sea Water

Medium

- Clear water and the liquid which is similar with clear water on the physical and chemical properties.
- Corrosive medium which hasn't the particles such as the trade waste, saltwater, acid water, and sea water etc.
- Corrosive medium which has many solid particles such as the sewage, waster water, water with sand and oxide scale water etc.
- Temperature not exceeds 80℃.

Operating Data

Diameters of inlet and outlet: 40~300mm

Capacity: Q=3.75~1020m^3/h

Head: H=19~1080m

Type Description

HMC 280－43 × 6

- The number of stage
- The single stage head 43m at the design point
- The flow 280m^3/h at the design point
- Horizontal multi-stage centrifugal pump

Design

- HMC pump is horizontal, radially split ring section pumps of modular design.
- HMC pump is high efficiency, wide application, safety and reliable running, low noise, easy installation and maintains, and long service life etc.
- NDB Bearing Arrangement with Balance Disk

  With a balance disk the axial force is completely compensated, no axial thrust bearing is required. Due to the smaller balancing leakage flow, total efficiency of the pump is higher compared to the balance drum design.
- Investment cost as well as life cycle cost is taken into consideration when designing the best possible pump. An optimized hydraulic design guarantees best efficiency.

Material

Casing:	Cast Iron	Ductile Cast Iron	Cast Steel	Stainless Steel or Duplex S.S
Impeller:	Cast Iron	Bronze	Duplex S.S	Stainless Steel
Shaft:	C-Steel	Cr-Steel	Stainless Steel	

Standard

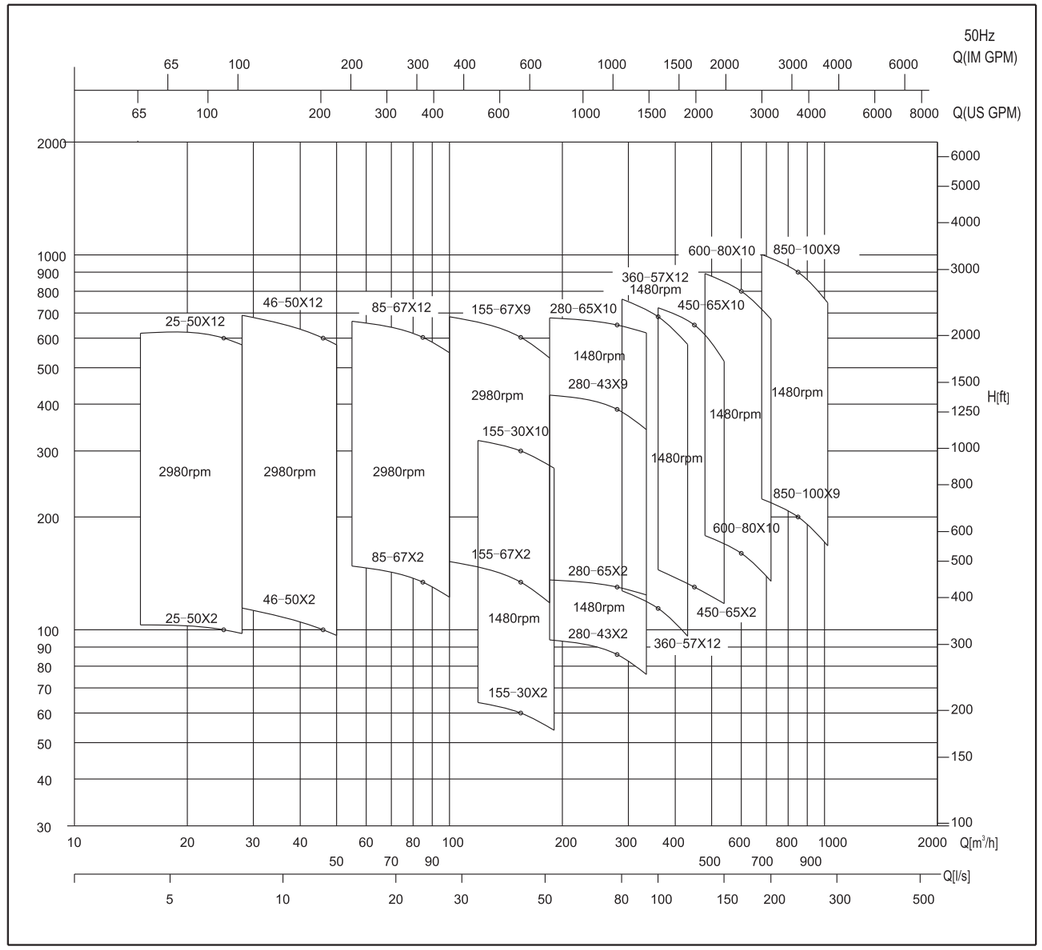
ANSI/API610-2004

ISO9001:2000

Construction Features

- Suction is on the horizontal direction, the discharge is on the vertical direction.
- The rotor assembly: the impeller, shaft sleeve, balance disc etc.
- The mechanical seal or the packing seal is optional.
- Pump is clockwise viewed from the prime mover.
- The pump can be the multi-discharge construction and function according to the customer's requirements.

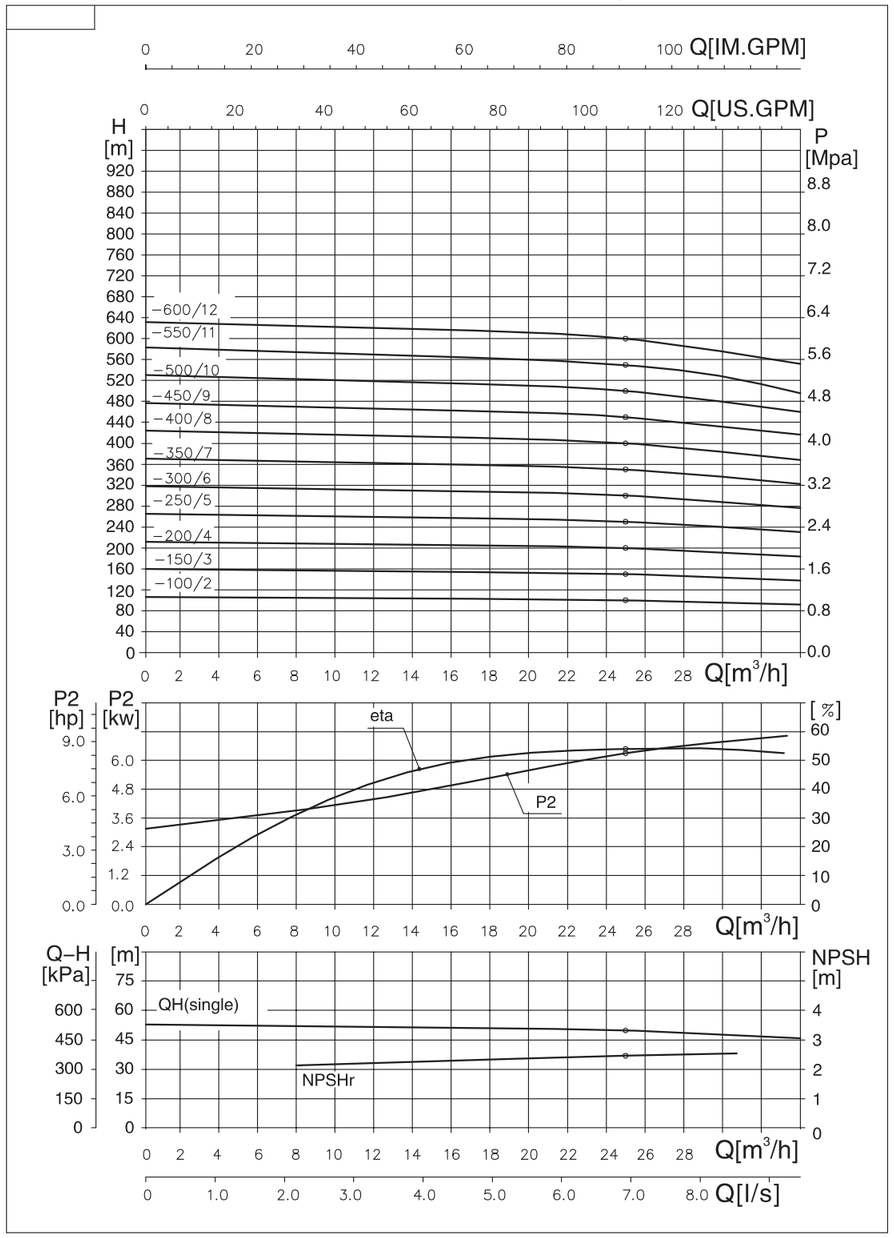
HMC Pump Selection Chart



HMC Performance Curve

HMC25–50

D_2=196mm 50Hz 2980rpm ISO 2548 Annex B

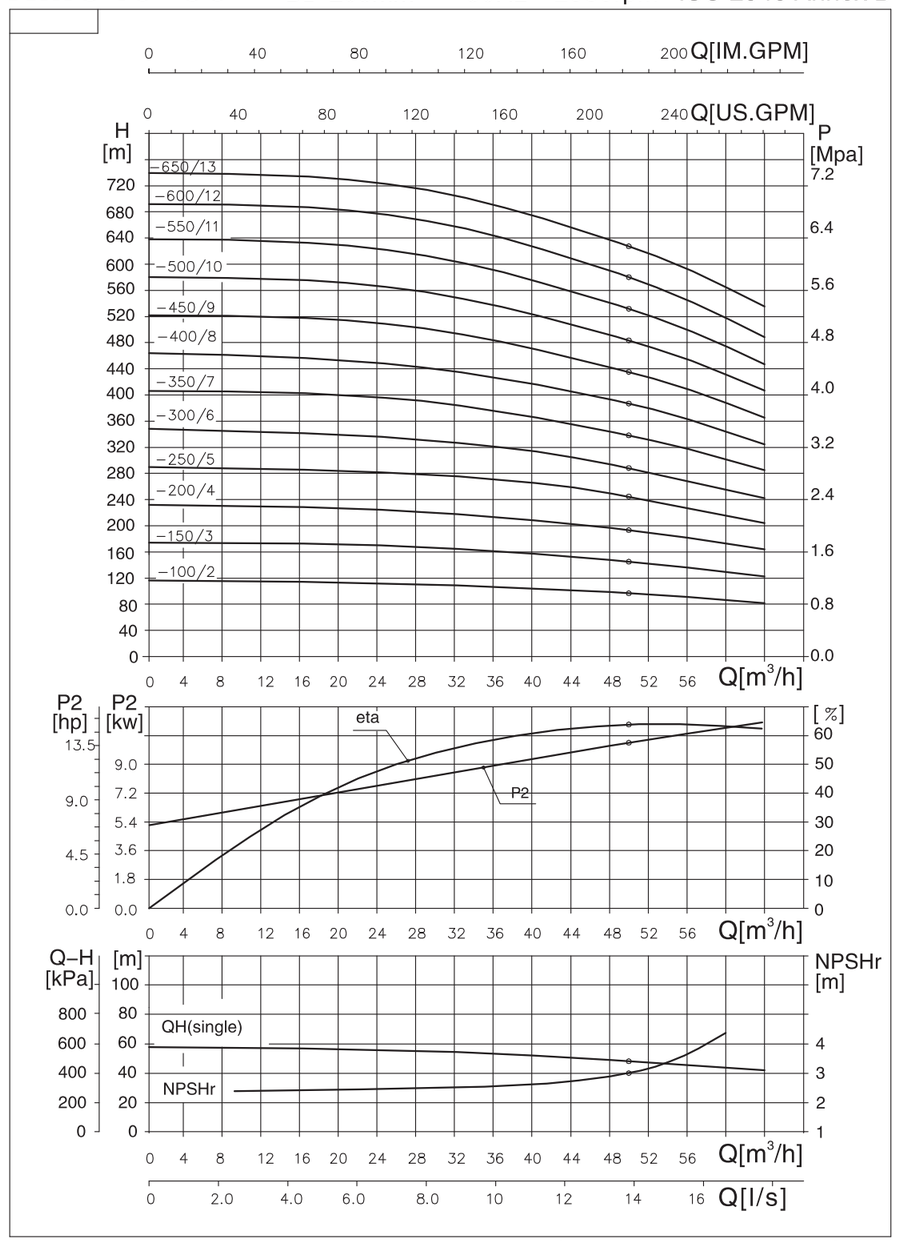


Head and power ratings apply to media with a density of ρ=1kg/dm³ and a kinetic viscosity of 20 mm² /s.

HMC Performance Curve

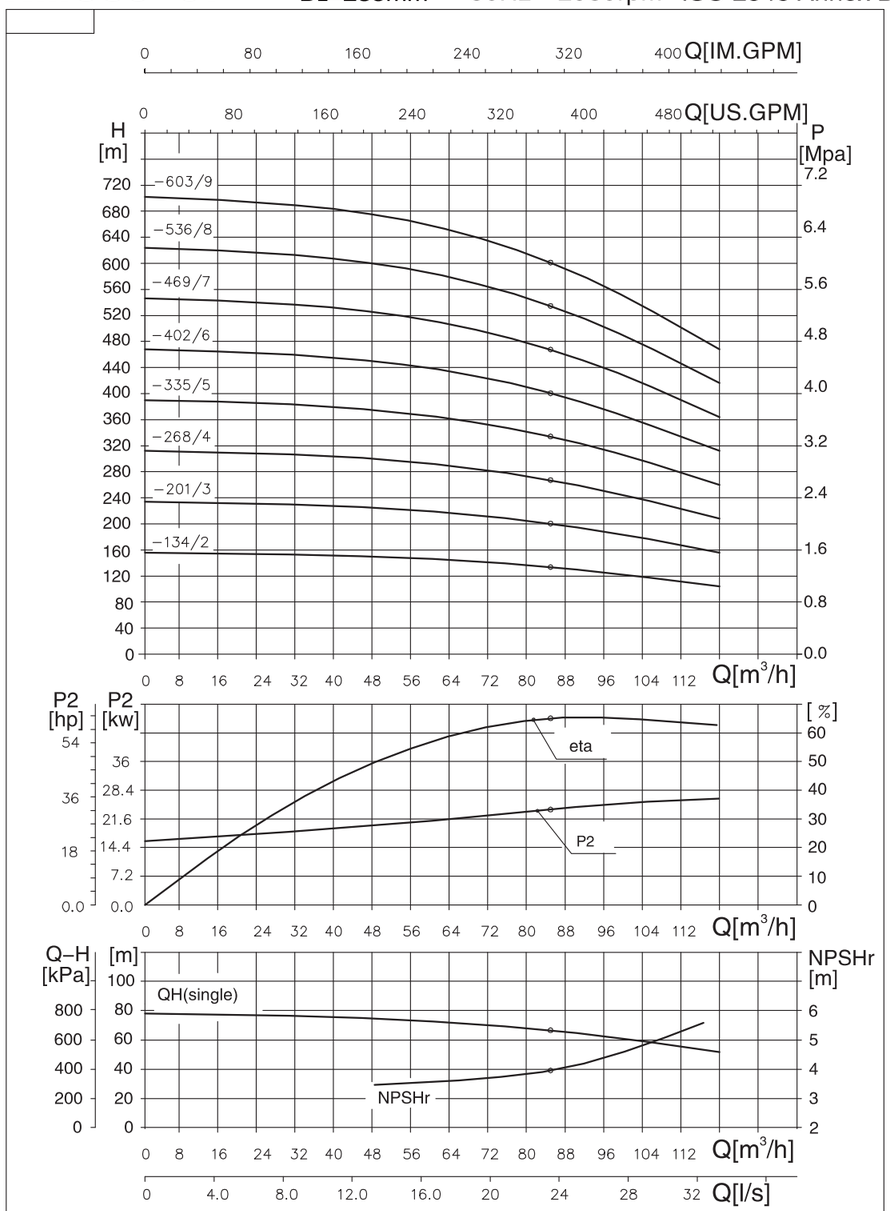
HMC46–50

D_2=208mm 50Hz 2980rpm ISO 2548 Annex B



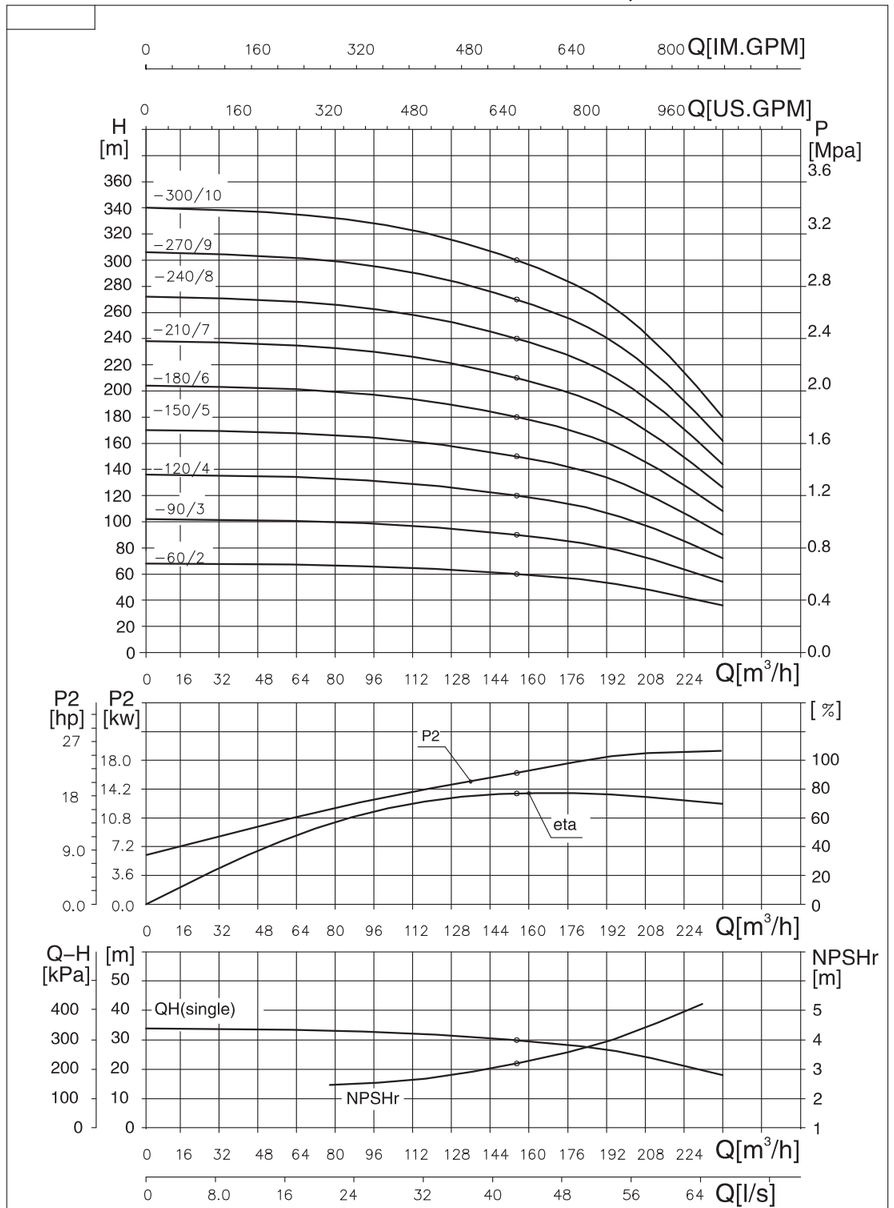
Head and power ratings apply to media with a density of ρ=1kg/dm³ and a kinetic viscosity of 20 mm² /s.

HMC Performance Curve



Head and power ratings apply to media with a density of ρ=1kg/dm³ and a kinetic viscosity of 20 mm²/s.

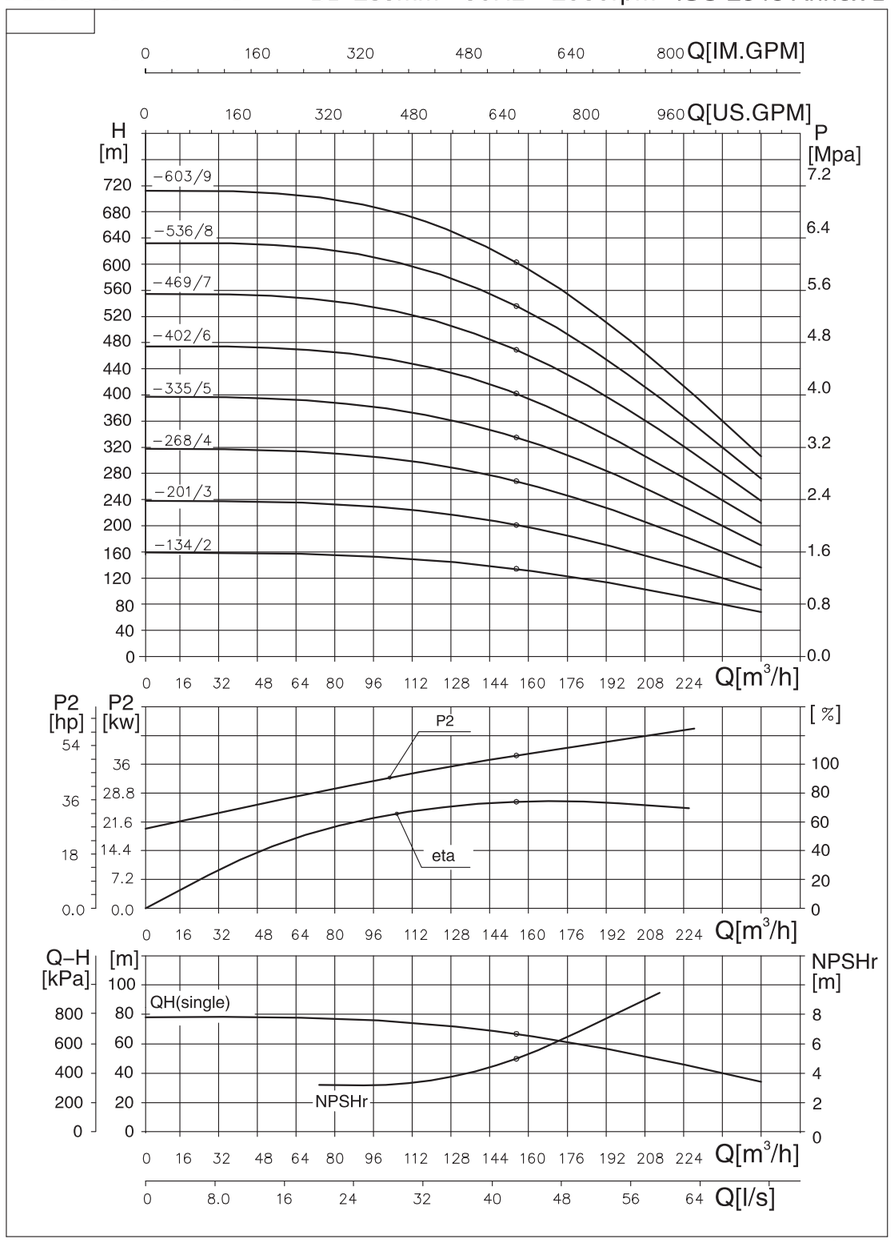
HMC Performance Curve



Head and power ratings apply to media with a density of ρ=1kg/dm³ and a kinetic viscosity of 20 mm²/s.

HMC Performance Curve

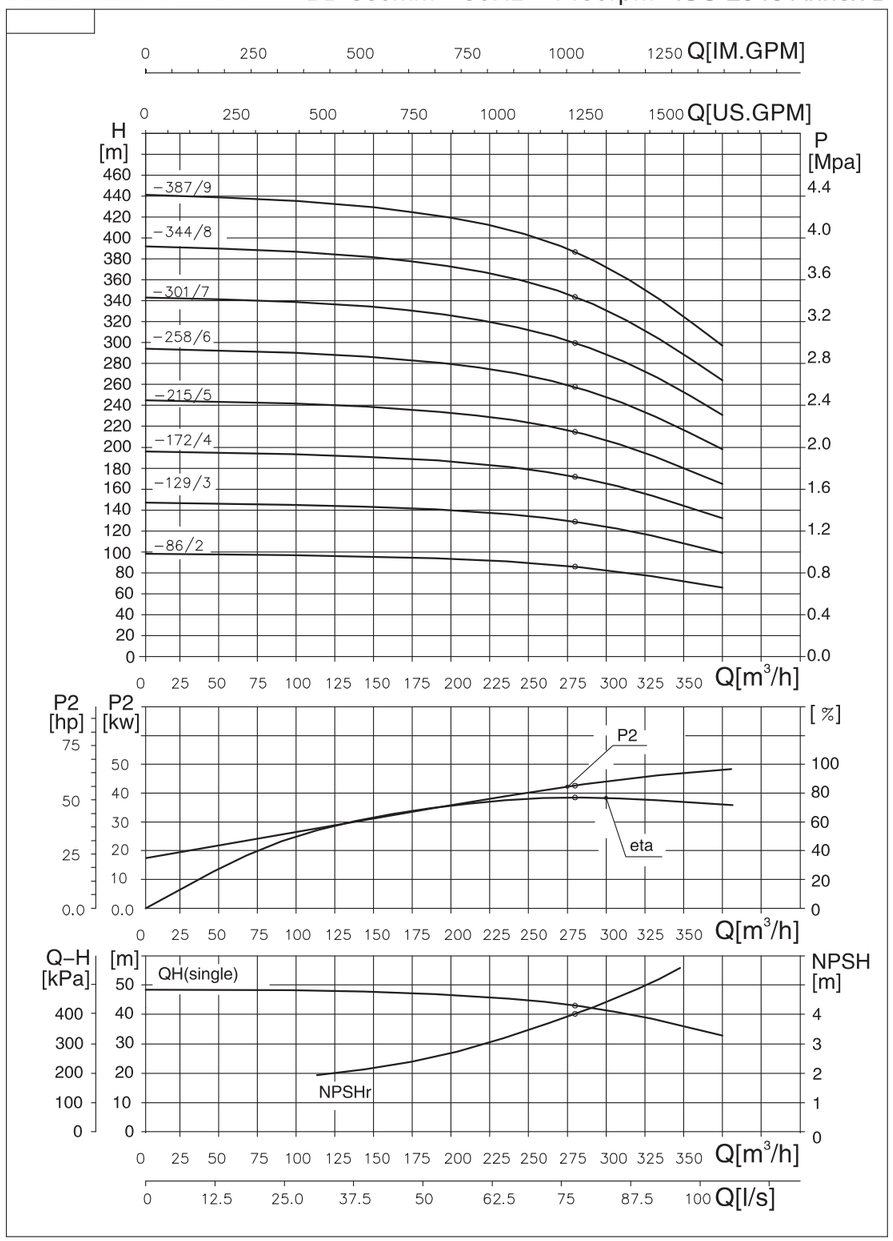
HMC155-67 D_2=235mm 50Hz 2980rpm ISO 2548 Annex B



Head and power ratings apply to media with a density of ρ=1kg/dm³ and a kinetic viscosity of 20 mm²/s.

HMC Performance Curve

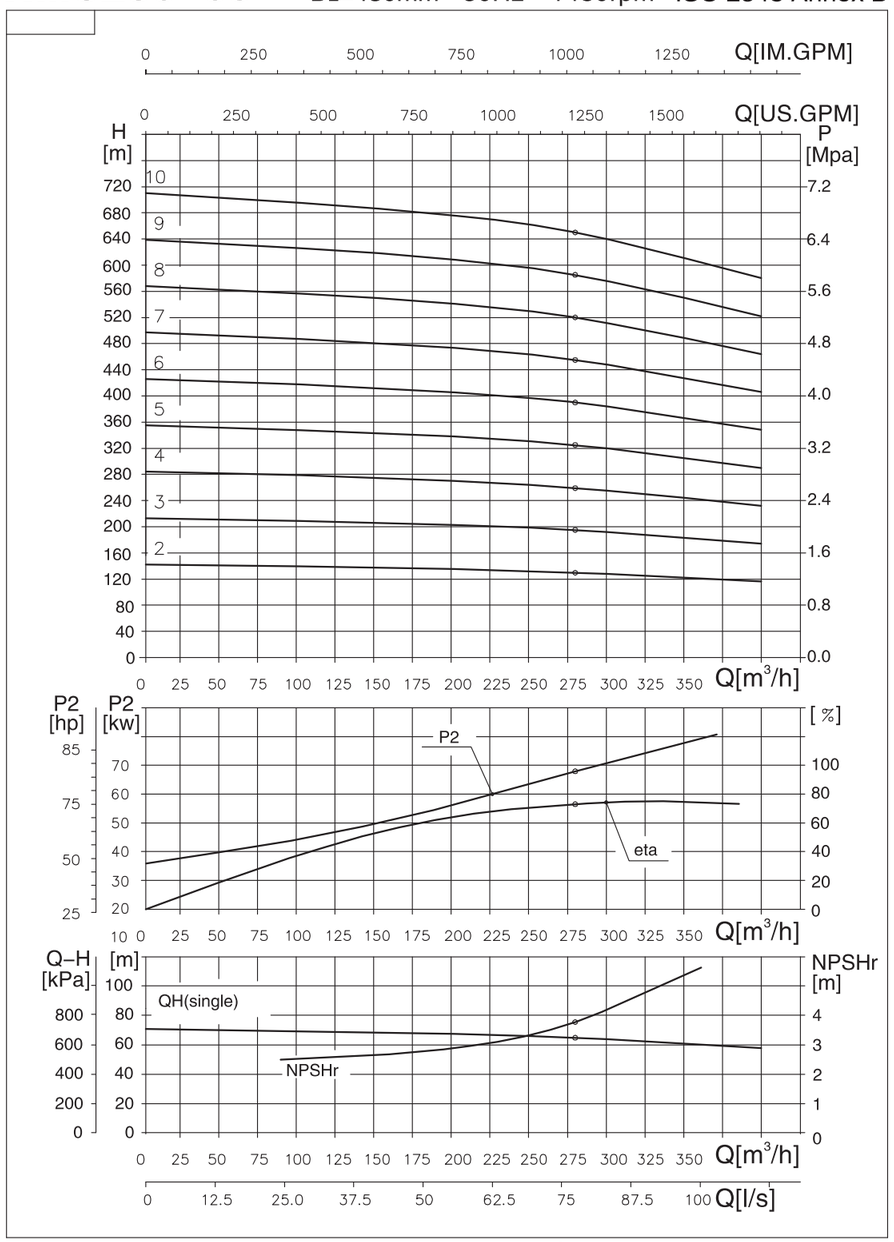
HMC280-43 D_2=360mm 50Hz 1480rpm ISO 2548 Annex B



Head and power ratings apply to media with a density of ρ=1kg/dm³ and a kinetic viscosity of 20 mm²/s.

HMC Performance Curve

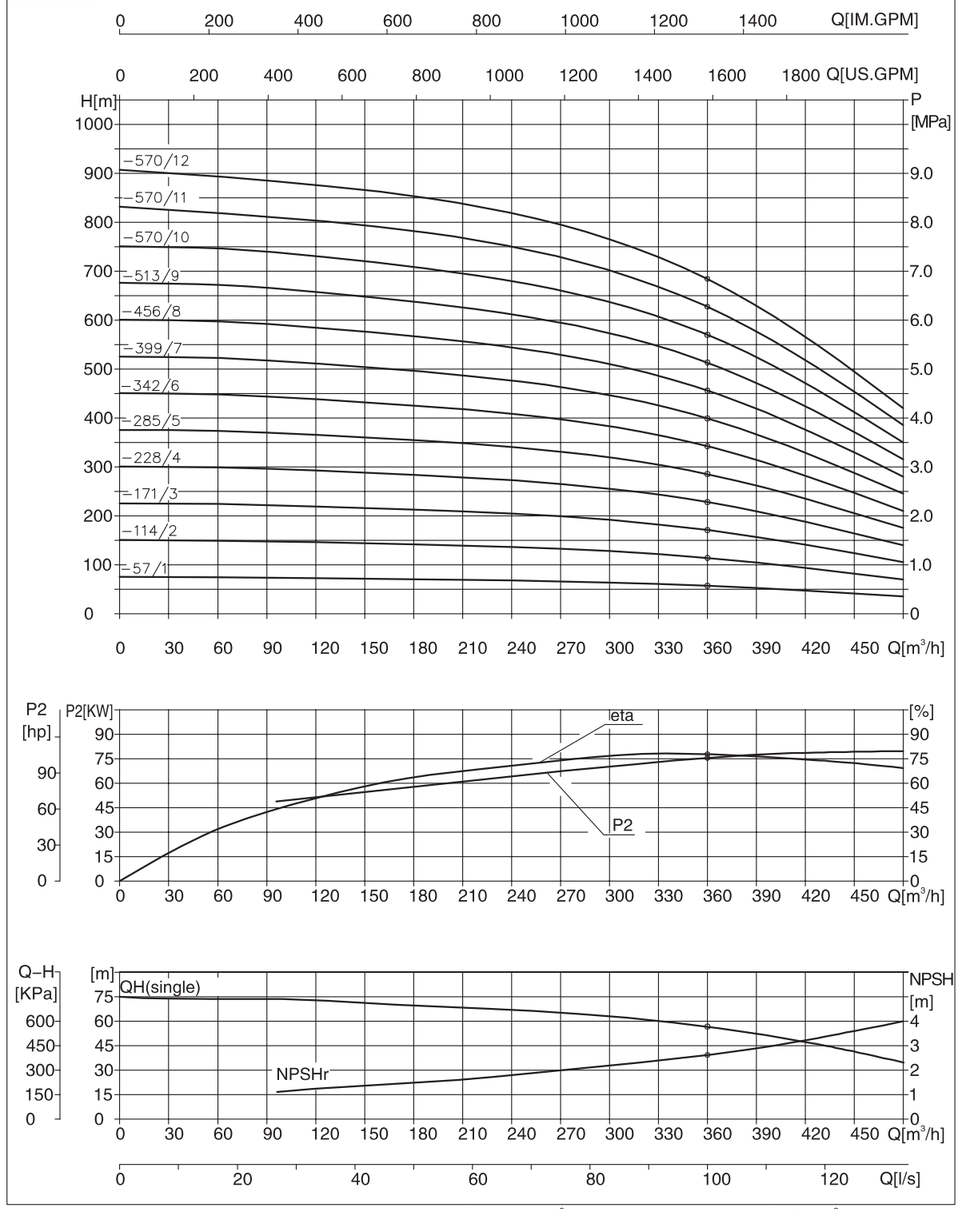
HMC280-65 D_2=430mm 50Hz 1480rpm ISO 2548 Annex B



Head and power ratings apply to media with a density of ρ=1kg/dm³ and a kinetic viscosity of 20 mm²/s.

HMC Performance Curve

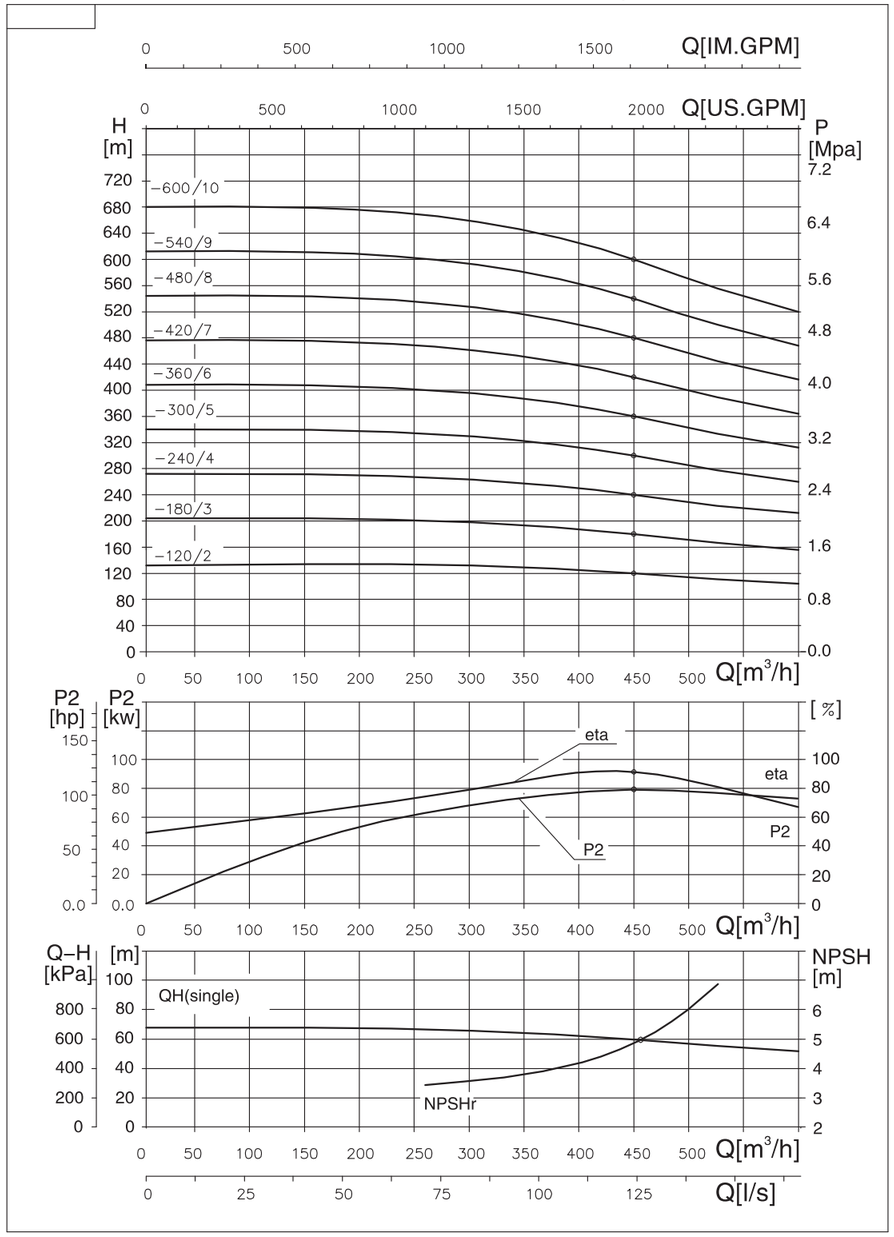
HMC360-57 D_2=458mm 50Hz 1480rpm ISO 2548 Annex B



Head and power ratings apply to media with a density of ρ=1kg/dm³ and a kinetic viscosity of 20 mm²/s.

HMC Performance Curve

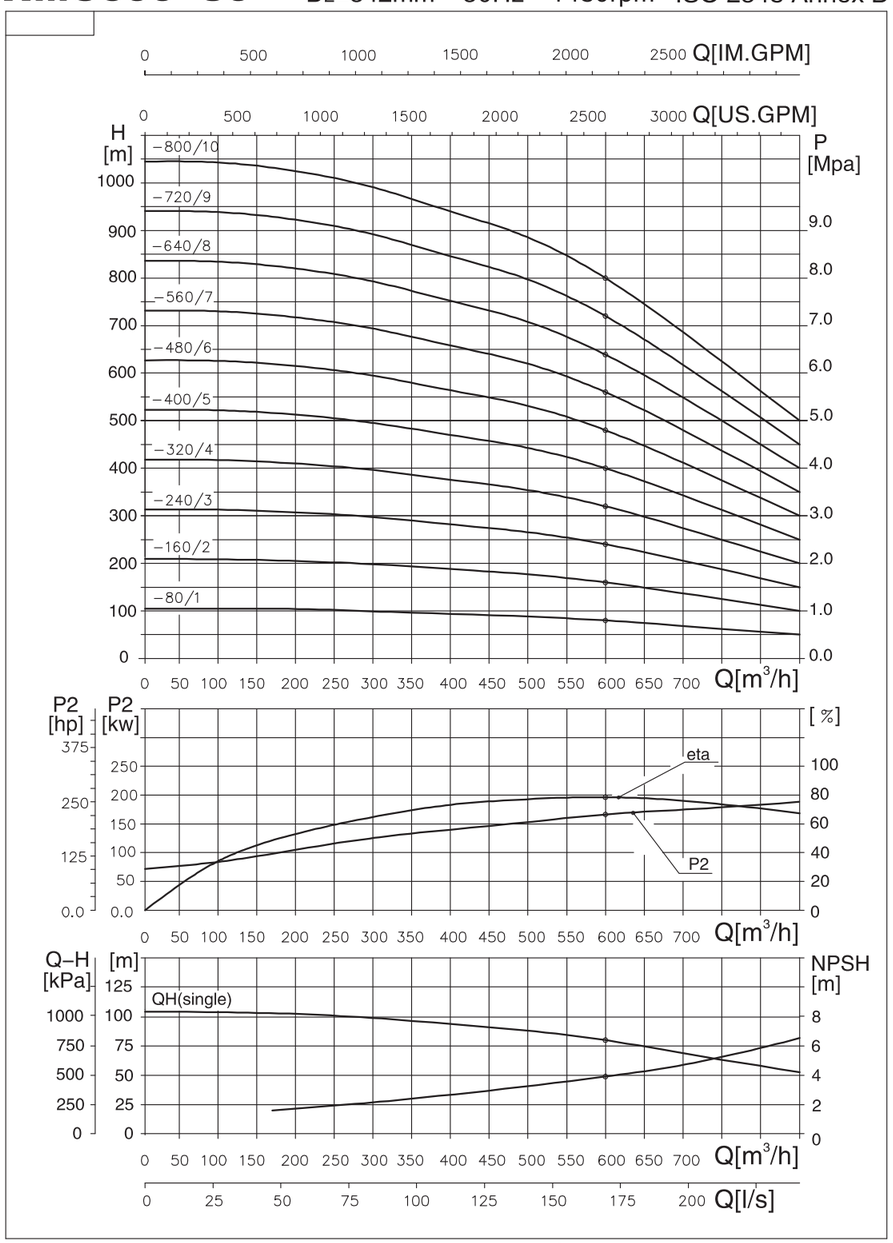
HMC450-60 D2=430mm 50Hz 1480rpm ISO 2548 Annex B



Head and power ratings apply to media with a density of ρ=1kg/dm³ and a kinetic viscosity of 20 mm²/s.

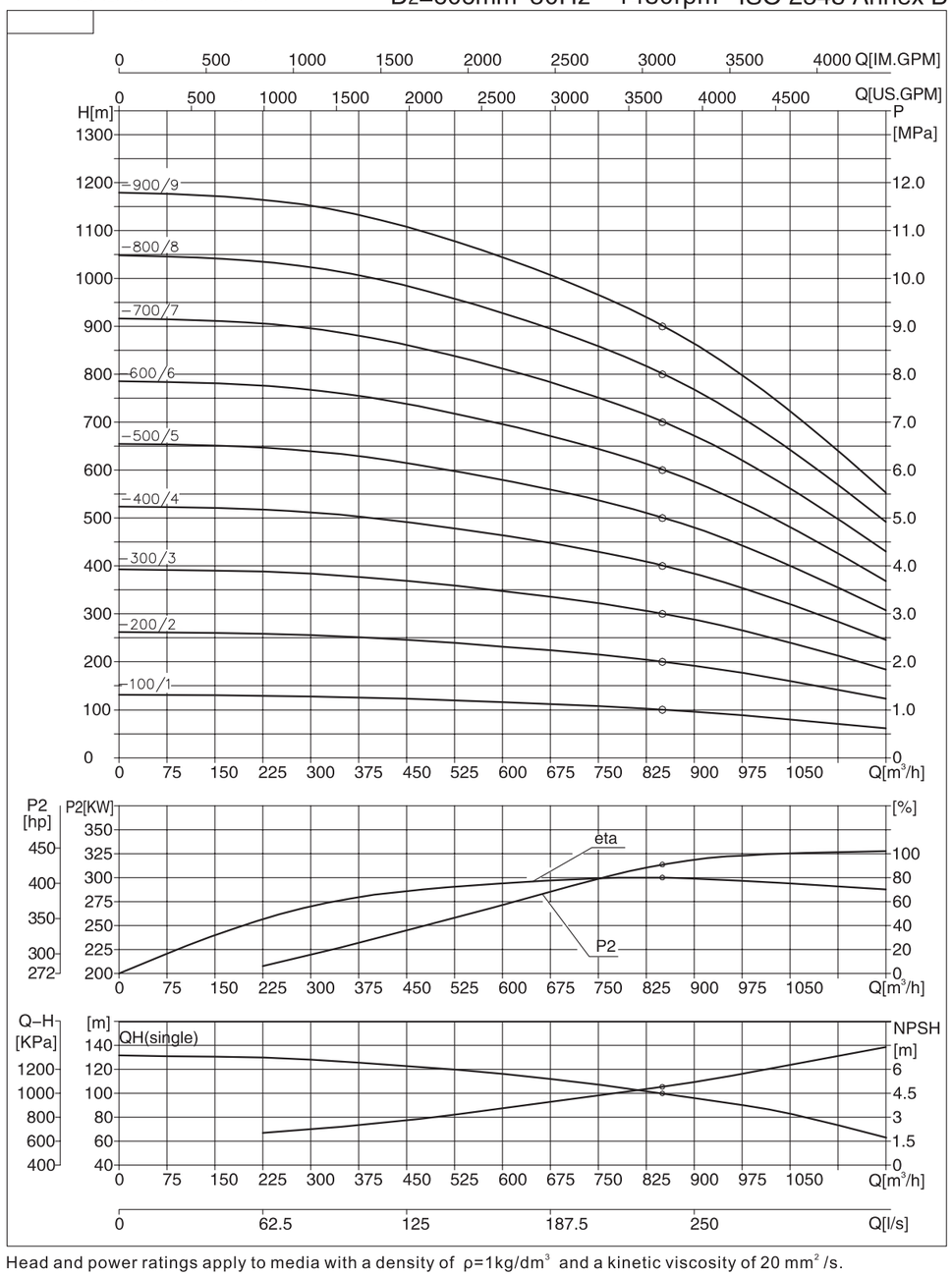
HMC Performance Curve

HMC600-80 D2=542mm 50Hz 1480rpm ISO 2548 Annex B



Head and power ratings apply to media with a density of ρ=1kg/dm³ and a kinetic viscosity of 20 mm²/s.

HMC Performance Curve



Head and power ratings apply to media with a density of ρ=1kg/dm^3 and a kinetic viscosity of 20 mm^2/s.

HMC Performance Data

Parameter / Type	Capacity Q		Head H	Speed n	ShaftPower Pa	Motor		Eff. η	(NPSH)r
						Power	Type		
	m^3/h	L/s	m	r/min	Kw	Kw		%	m
HMC25-50X3	15	4.17	154.5	2980	14.4	22	Y180M-2	44	2.4
	25	6.94	150		18.9			54	2.7
	28	7.78	144		20.3			54	2.8
HMC25-50X4	15	4.17	206	2980	19.1	30	Y200L1-2	44	2.4
	25	6.94	200		25.2			54	2.7
	28	7.78	192		27.1			54	2.8
HMC25-50X5	15	4.17	257.5	2980	23.9	37	Y200L2-2	44	2.4
	25	6.94	250		31.5			54	2.7
	28	7.78	240		33.9			54	2.8
HMC25-50X6	15	4.17	309	2980	28.7	45	Y225M-2	44	2.4
	25	6.94	300		37.8			54	2.7
	28	7.78	240		33.9			54	2.8
HMC25-50X7	15	4.17	360.5	2980	33.5	55	Y250M-2	44	2.4
	25	6.94	350		44.2			54	2.7
	28	7.78	336		47.5			54	2.8
HMC25-50X8	15	4.17	412	2980	38.3	75	Y280S-2	44	2.4
	25	6.94	400		50.5			54	2.7
	28	7.78	384		54.3			54	2.8
HMC25-50X9	15	4.17	463.5	2980	43.1	75	Y280S-2	44	2.4
	25	6.94	450		56.8			54	2.7
	28	7.78	432		61.0			54	2.8
HMC25-50X10	15	4.17	515	2980	47.8	75	Y280S-2	44	2.4
	25	6.94	500		63.1			54	2.7
	28	7.78	480		67.8			54	2.8
HMC25-50X11	15	4.17	566.5	2980	52.6	90	Y280M-2	44	2.4
	25	6.94	550		69.4			54	2.7
	28	7.78	528		74.6			54	2.8
HMC25-50X12	15	4.17	618	2980	57.4	110	Y315S-2	44	2.4
	25	6.94	600		75.7			54	2.7
	28	7.78	576		81.4			54	2.8
HMC46-50X3	28	7.78	172.5	2980	24.4	37	Y200L2-2	54	2.5
	46	12.78	150		29.8			63	2.8
	50	13.89	144		30.7			64	3.2
HMC46-50X4	28	7.78	230	2980	32.5	45	Y225M-2	54	2.5
	46	12.78	200		39.8			63	2.8
	50	13.89	192		40.9			64	3.2
HMC46-50X5	28	7.78	287.5	2980	40.6	55	Y250M-2	54	2.5
	46	12.78	250		49.7			63	2.8
	50	13.89	240		51.1			64	3.2

HMC Performance Data

Parameter	Capacity Q		Head H	Speed n	ShaftPower Pa	Motor		Eff. η	(NPSH)r
Type						Power	Type		
	m^3/h	L/s	m	r/min	Kw	Kw		%	m
HMC46-50X6	28	7.78	345	2980	48.7	75	Y280S-2	54	2.5
	46	12.78	300		59.7			63	2.8
	50	13.89	288		61.3			64	3.2
HMC46-50X7	28	7.78	402.5	2980	56.9	90	Y280M-2	54	2.5
	46	12.78	350		69.6			63	2.8
	50	13.89	336		71.5			64	3.2
HMC46-50X8	28	7.78	460	2980	65.0	90	Y280M-2	54	2.5
	46	12.78	400		79.6			63	2.8
	50	13.89	384		81.8			64	3.2
HMC46-50X9	28	7.78	517.5	2980	73.1	110	Y315S-2	54	2.5
	46	12.78	450		89.5			63	2.8
	50	13.89	432		92.0			64	3.2
HMC46-50X10	28	7.78	575	2980	81.2	132	Y315M-2	54	2.5
	46	12.78	500		99.5			63	2.8
	50	13.89	480		102.2			64	3.2
HMC46-50X11	28	7.78	632.5	2980	89.4	132	Y315M-2	54	2.5
	46	12.78	550		109.4			63	2.8
	50	13.89	528		112.4			64	3.2
HMC46-50X12	28	7.78	690	2980	97.5	160	Y315L1-2	54	2.5
	46	12.78	600		119.4			63	2.8
	50	13.89	576		122.6			64	3.2
HMC85-67X3	55	15.28	222	2980	61.6	90	Y280M-2	54	3.3
	85	23.61	201		71.6			65	4
	100	27.78	183		76.7			65	4.4
HMC85-67X4	55	15.28	296	2980	82.2	110	Y315S-2	54	3.3
	85	23.61	268		95.5			65	4
	100	27.78	244		102.3			65	4.4
HMC85-67X5	55	15.28	370	2980	102.7	132	Y315M-2	54	3.3
	85	23.61	335		119.4			65	4
	100	27.78	305		127.9			65	4.4
HMC85-67X6	55	15.28	444	2980	123.2	160	Y315L1-2	54	3.3
	85	23.61	402		143.3			65	4
	100	27.78	366		153.4			65	4.4
HMC85-67X7	55	15.28	518	2980	143.8	200	Y315L2-2	54	3.3
	85	23.61	469		167.1			65	4
	100	27.78	427		179.0			65	4.4
HMC85-67X8	55	15.28	592	2980	164.3	220	Y355M1-2	54	3.3
	85	23.61	536		191.0			65	4
	100	27.78	488		204.6			65	4.4

HMC Performance Data

Parameter	Capacity Q		Head H	Speed n	ShaftPower Pa	Motor		Eff. η	(NPSH)r
Type						Power	Type		
	m^3/h	L/s	m	r/min	Kw	Kw		%	m
HMC85-67X9	55	15.28	666	2980	184.8	250	Y355M2-2	54	3.3
	85	23.61	603		214.9			65	4
	100	27.78	549		230.2			65	4.4
HMC155-67X3	100	26.38	228	2980	97.1	132	Y315M-2	64	3.2
	155	43.06	201		114.7			74	5
	185	51.38	177		123.9			72	6.6
HMC155-67X4	100	26.38	304	2980	153.4	200	Y315L2-2	54	3.2
	155	43.06	268		174.1			65	5
	185	51.38	236		183.0			65	6.6
HMC155-67X5	100	26.38	380	2980	161.8	220	Y355M1-2	64	3.2
	155	43.06	335		191.2			74	5
	185	51.38	295		206.6			72	6.6
HMC155-67X6	100	26.38	456	2980	230.1	280	Y355L1-2	54	3.2
	155	43.06	402		261.2			65	5
	185	51.38	354		274.6			65	6.6
HMC155-67X7	100	26.38	532	2980	226.5	315	Y355L2-2	64	3.2
	155	43.06	469		267.7			74	5
	185	51.38	413		289.2			72	6.6
HMC155-67X8	100	26.38	608	2980	306.8	355	Y3555-2	54	3.2
	155	43.06	536		348.3			65	5
	185	51.38	472		366.1			65	6.6
HMC155-67X9	100	26.38	684	2980	291.2	400	Y3556-2	64	3.2
	155	43.06	603		344.2			74	5
	185	51.38	531		371.8			72	6.6
HMC155-30X2	119	33.06	64	1480	28.8	55	Y225M-4	72	2.7
	155	43.06	60		32.9			77	3.2
	190	52.78	54		36.5			76.5	3.9
HMC155-30X3	119	33.06	96	1480	43.2	75	Y280M-4	72	2.7
	155	43.06	90		49.4			77	3.2
	190	52.78	81		54.8			76.5	3.9
HMC155-30X4	119	33.06	128	1480	57.6	75	Y280M-4	72	2.7
	155	43.06	120		65.8			77	3.2
	190	52.78	108		73.1			76.5	3.9
HMC155-30X5	119	33.06	160	1480	72.1	110	Y315S-4	72	2.7
	155	43.06	150		82.3			77	3.2
	190	52.78	135		91.4			76.5	3.9
HMC155-30X6	119	33.06	192	1480	86.5	132	Y315M-4	72	2.7
	155	43.06	180		98.7			77	3.2
	190	52.78	162		109.6			76.5	3.9

HMC Performance Data

Parameter	Capacity Q		Head H	Speed n	ShaftPower Pa	Motor		Eff. η	(NPSH)r
Type						Power	Type		
	m^3/h	L/s	m	r/min	Kw	Kw		%	m
HMC155-30X7	119	33.06	224	1480	100.9	160	Y315L1-4	72	2.7
	155	43.06	210		115.2			77	3.2
	190	52.78	189		127.9			76.5	3.9
HMC155-30X8	119	33.06	256	1480	115.3	160	Y315L1-4	72	2.7
	155	43.06	240		131.6			77	3.2
	190	52.78	216		146.2			76.5	3.9
HMC155-30X9	119	33.06	288	1480	129.7	200	Y315L2-4	72	2.7
	155	43.06	270		148.1			77	3.2
	190	52.78	243		164.5			76.5	3.9
HMC155-30X10	119	33.06	320	1480	144.1	200	Y315L2-4	72	2.7
	155	43.06	300		164.6			77	3.2
	190	52.78	270		182.7			76.5	3.9
HMC280-43X2	185	51.39	94	1480	65.8	110	Y315S-4	72	2.5
	280	77.78	86		85.2			77	4
	335	93.06	76		90.7			76.5	5.2
HMC280-43X3	185	51.39	141	1480	98.7	160	Y315L1-4	72	2.5
	280	77.78	129		127.8			77	4
	335	93.06	114		136.0			76.5	5.2
HMC280-43X4	185	51.39	188	1480	131.6	200	Y315L2-4	72	2.5
	280	77.78	172		170.4			77	4
	335	93.06	152		181.4			76.5	5.2
HMC280-43X5	185	51.39	235	1480	164.5	280	Y3555L1-4	72	2.5
	280	77.78	215		213.0			77	4
	335	93.06	190		226.7			76.5	5.2
HMC280-43X6	185	51.39	282	1480	197.4	315	Y355L2-4	72	2.5
	280	77.78	258		255.7			77	4
	335	93.06	228		272.1			76.5	5.2
HMC280-43X7	185	51.39	329	1480	230.4	355	Y4001-4	72	2.5
	280	77.78	301		298.3			77	4
	335	93.06	266		317.4			76.5	5.2
HMC280-43X8	185	51.39	376	1480	263.3	400	Y4002-4	72	2.5
	280	77.78	344		340.9			77	4
	335	93.06	304		362.8			76.5	5.2
HMC280-43X9	185	51.39	423	1480	296.2	450	Y4003-4	72	2.5
	280	77.78	387		383.5			77	4
	335	93.06	342		408.1			76.5	5.2
HMC280-65X3	185	51.39	204	1480	168.6	280	Y355L1-4	61	2.8
	280	77.78	195		203.8			73	3.7
	335	93.06	186		226.4			75	5

HMC Performance Data

Parameter	Capacity Q		Head H	Speed n	ShaftPower Pa	Motor		Eff. η	(NPSH)r
Type						Power	Type		
	m^3/h	L/s	m	r/min	Kw	Kw		%	m
HMC280-65X4	185	51.39	272	1480	224.8	355	Y4001-4	61	2.8
	280	77.78	260		271.8			73	3.7
	335	93.06	248		301.9			75	5
HMC280-65X5	185	51.39	340	1480	281.0	450	Y4003-4	61	2.8
	280	77.78	325		339.7			73	3.7
	335	93.06	310		377.3			75	5
HMC280-65X6	185	51.39	408	1480	337.2	500	Y4004-4	61	2.8
	280	77.78	390		407.6			73	3.7
	335	93.06	372		452.8			75	5
HMC280-65X7	185	51.39	476	1480	393.4	630	Y4501-4	61	2.8
	280	77.78	455		475.6			73	3.7
	335	93.06	434		528.3			75	5
HMC280-65X8	185	51.39	544	1480	449.6	710	Y4502-4	61	2.8
	280	77.78	520		543.5			73	3.7
	335	93.06	496		603.7			75	5
HMC280-65X9	185	51.39	612	1480	505.8	800	Y4503-4	61	2.8
	280	77.78	585		611.4			73	3.7
	335	93.06	558		679.2			75	5
HMC280-65X10	185	51.39	680	1480	562.0	900	Y4504-4	61	2.8
	280	77.78	650		679.4			73	3.7
	335	93.06	620		754.6			75	5
HMC360-57X2	288	80	129.9	1480	134.0	200	Y315L2-4	76.1	2.23
	360	100	114		143.7			77.8	2.75
	432	120	89.2		140.9			74.5	3.4
HMC360-57X3	288	80	194.7	1480	200.8	250	Y355M2-4	76.1	2.23
	360	100	171		215.6			77.8	2.75
	432	120	133.9		211.6			74.5	3.4
HMC360-57X4	288	80	259.5	1480	267.6	355	Y4001-4	76.1	2.23
	360	100	228		287.5			77.8	2.75
	432	120	178.6		282.2			74.5	3.4
HMC360-57X5	288	80	324.3	1480	334.4	450	Y4003-4	76.1	2.23
	360	100	285		359.4			77.8	2.75
	432	120	223.3		352.8			74.5	3.4
HMC360-57X6	288	80	389.1	1480	401.3	500	Y4004-4	76.1	2.23
	360	100	342		431.2			77.8	2.75
	432	120	268		423.5			74.5	3
HMC360-57X7	288	80	453.9	1480	468.1	630	Y4501-4	76.1	2.23
	360	100	399		503.1			77.8	2.75
	432	120	312.7		494.1			74.5	3.4

HMC Performance Data

Parameter / Type	Capacity Q		Head H	Speed n	ShaftPower Pa	Motor		Eff. η	(NPSH)r
						Power	Type		
	m^3/h	L/s	m	r/min	Kw	Kw		%	m
HMC360-57X8	288	80	518.7	1480	534.9	710	Y4502-4	76.1	2.23
	360	100	456		575.0			77.8	2.75
	432	120	357.4		564.7			74.5	3.4
HMC360-57X9	288	80	583.5	1480	601.7	800	Y4503-4	76.1	2.23
	360	100	513		646.9			77.8	2.75
	432	120	402.1		635.4			74.5	3.4
HMC360-57X10	288	80	684	1480	705.4	900	Y4504-4	76.1	2.23
	360	100	570		718.7			77.8	2.75
	432	120	456		720.5			74.5	3.4
HMC360-57X11	288	80	752.4	1480	775.9	1000	Y5001-4	76.1	2.23
	360	100	627		790.6			77.8	2.75
	432	120	501.6		792.6			74.5	3
HMC360-57X12	288	80	820.8	1480	846.5	1120	Y5002-4	76.1	2.23
	360	100	684		862.5			77.8	2.75
	432	120	547.2		864.6			74.5	3.4
HMC450-60X3	335	93.06	195	1480	255.0	355	Y4001-4	69.8	3.8
	450	125	180		294.3			75	4.9
	500	138.89	171		298.7			78	6
HMC450-60X4	335	93.06	260	1480	340.0	450	Y4003-4	69.8	3.8
	450	125	240		392.4			75	4.9
	500	138.89	228		398.3			78	6
HMC450-60X5	335	93.06	325	1480	425.0	560	Y4005-4	69.8	3.8
	450	125	300		490.5			75	4.9
	500	138.89	285		497.8			78	6
HMC450-60X6	335	93.06	390	1480	510.1	710	Y4502-4	69.8	3.8
	450	125	360		588.6			75	4.9
	500	138.89	342		597.4			78	6
HMC450-60X7	335	93.06	455	1480	595.1	800	Y4503-4	69.8	3.8
	450	125	420		686.7			75	4.9
	500	138.89	399		697.0			78	6
HMC450-60X8	335	93.06	520	1480	680.1	900	Y4504-4	69.8	3.8
	450	125	480		784.8			75	4.9
	500	138.89	456		796.5			78	6
HMC450-60X9	335	93.06	585	1480	765.1	1000	Y5001-4	69.8	3.8
	450	125	540		882.9			75	4.9
	500	138.89	513		896.1			78	6
HMC450-60X10	335	93.06	650	1480	850.1	1120	Y5002-4	69.8	3.8
	450	125	600		981.0			75	4.9
	500	138.89	570		995.7			78	6

HMC Performance Data

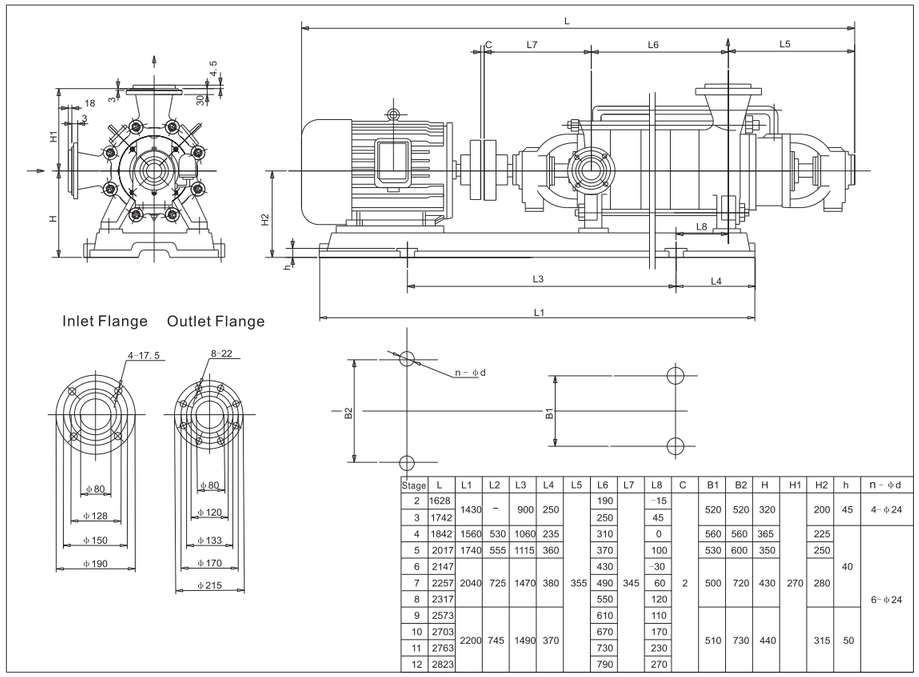
Parameter / Type	Capacity Q		Head H	Speed n	ShaftPower Pa	Motor		Eff. η	(NPSH)r
						Power	Type		
	m^3/h	L/s	m	r/min	Kw	Kw		%	m
HMC600-80X2	480	133.33	179.6	1480	306.3	400	Y4002-4	76.7	3.1
	600	166.67	160		333.2			78.5	3.8
	720	200	132.3		341.5			76	4.8
HMC600-80X3	480	133.33	269.6	1480	459.8	630	Y4501-4	76.7	3.1
	600	166.67	240		499.9			78.5	3.9
	720	200	198.6		512.7			76	4.8
HMC600-80X4	480	133.33	359.6	1480	613.2	800	Y4503-4	76.7	3.1
	600	166.67	320		666.5			78.5	3.8
	720	200	264.9		683.9			76	4.8
HMC600-80X5	480	133.33	449.6	1480	766.7	1000	Y5001-4	76.7	3.1
	600	166.67	400		833.1			78.5	3.8
	720	200	331.2		855.0			76	4.8
HMC600-80X6	480	133.33	539.6	1480	920.2	1250	Y5003-4	76.7	3.1
	600	166.67	480		999.7			78.5	3.8
	720	200	397.5		1026.2			76	4.8
HMC600-80X7	480	133.33	629.6	1480	1073.7	1400	Y5004-4	76.7	3.1
	600	166.67	560		1166.4			78.5	3.8
	720	200	463.8		1197.3			76	4.8
HMC600-80X8	480	133.33	719.6	1480	1227.2	1600	Y5601-4	76.7	3.1
	600	166.67	640		1333.0			78.5	3.8
	720	200	530.1		1368.5			76	4.8
HMC600-80X9	480	133.33	809.6	1480	1380.6	1800	Y5602-4	76.7	3.1
	600	166.67	720		1499.6			78.5	3.8
	720	200	596.4		1539.7			76	4.8
HMC600-80X10	480	133.33	960	1480	1637.1	2000	Y5603-4	76.7	3.1
	600	166.67	800		1666.2			78.5	3.8
	720	200	640		1652.2			76	4.8
HMC850-100X2	680	188.89	223.4	1480	534.1	710	Y4502-4	77.5	3.96
	850	236.1	200		586.4			79	4.88
	1020	283.33	165.6		608.0			75.7	6.07
HMC850-100X3	680	188.89	335.1	1480	801.2	1120	Y5002-4	77.5	3.96
	850	236.1	300		879.6			79	4.88
	1020	283.33	248.4		912.1			75.7	6.07
HMC850-100X4	680	188.89	446.8	1480	1068.3	1400	Y5004-4	77.5	3.96
	850	236.1	400		1172.8			79	4.88
	1020	283.33	331.2		1216.1			75.7	6.07
HMC850-100X5	680	188.89	558.5	1480	1335.4	1800	Y5602-4	77.5	3.96
	850	236.1	500		1466.0			79	4.88
	1020	283.33	414		1520.1			75.7	6.07

HMC Performance Data

Parameter / Type	Capacity Q		Head H	Speed n	ShaftPower Pa	Motor		Eff. η	(NPSH)r
						Power	Type		
	m^3/h	L/s	m	r/min	Kw	Kw		%	m
HMC850-100X6	680	188.89	670.2	1480	1602.4	2240	Y6301-4	77.5	3.96
	850	236.1	600		1759.2			79	4.88
	1020	283.33	496.8		1824.1			75.7	6.07
HMC850-100X7	680	188.89	781.9	1480	1869.5	2500	Y6302-4	77.5	3.96
	850	236.1	700		2052.4			79	4.88
	1020	283.33	579.6		2128.1			75.7	6.07
HMC850-100X8	680	188.89	893.6	1480	2136.6	2800	Y6303-4	77.5	3.96
	850	236.1	800		2345.6			79	4.88
	1020	283.33	662.4		2432.2			75.7	6.07
HMC850-100X9	680	188.89	1005.3	1480	2403.6	3150	YKK710-4	77.5	3.96
	850	236.1	900		2638.8			79	4.88
	1020	283.33	745.2		2736.2			75.7	6.07

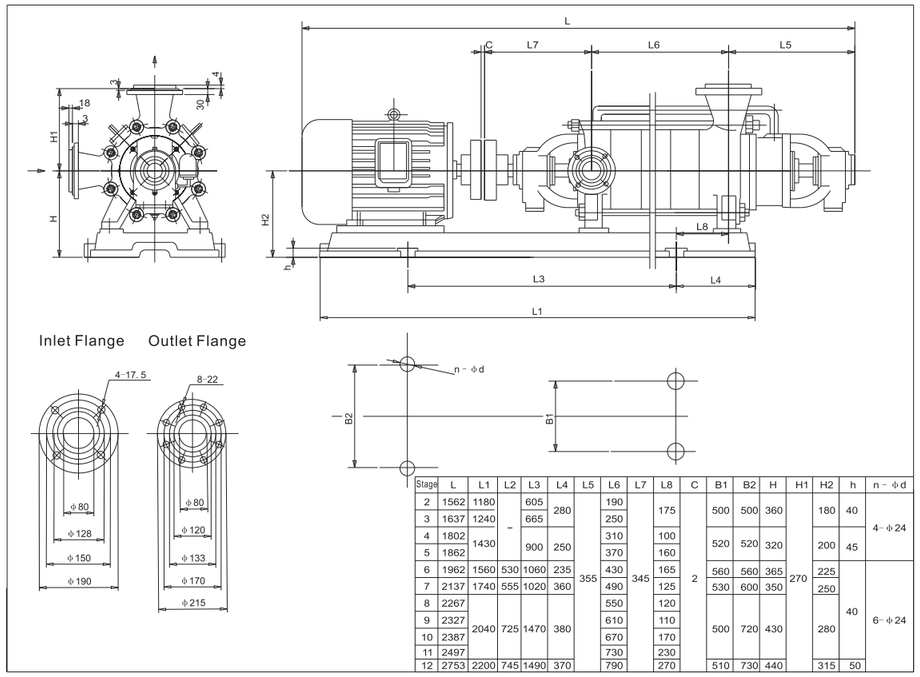
Note：The above motor is 380V or 6KV.

HMC46–50 Overall Dimension Drawing



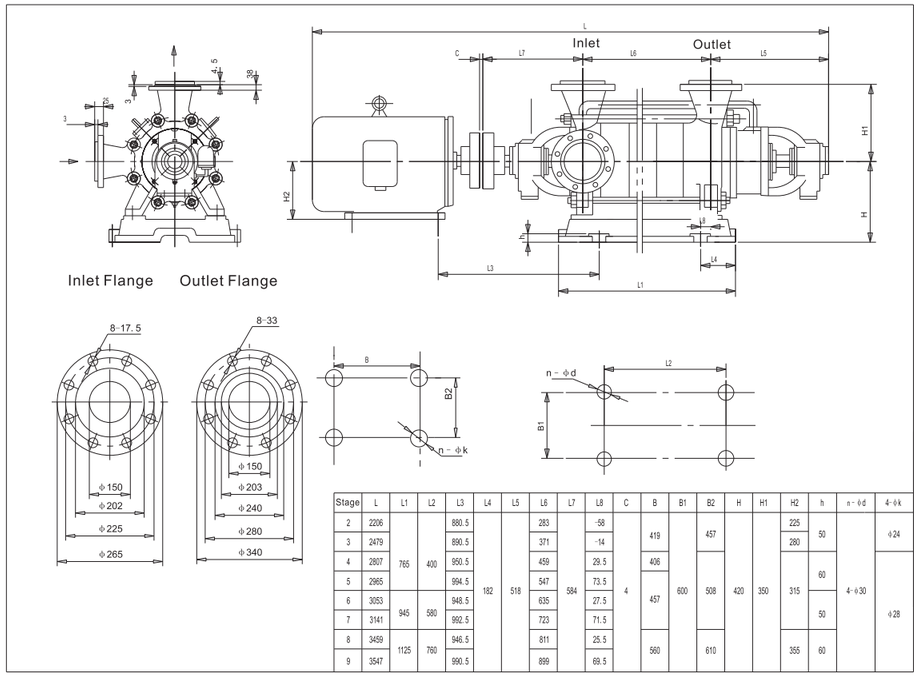
Stage	L	L1	L2	L3	L4	L5	L6	L7	L8	C	B1	B2	H	H1	H2	h	n-φd
2	1628	1430	-	900	250	355	190	345	-15	2	520	520	320	270	200	45	4-φ24
3	1742						250		45								
4	1842	1560	530	1060	235		310		0		560	560	365		225	40	6-φ24
5	2017	1740	555	1115	360		370		100		530	600	350		250		
6	2147						430		-30								
7	2257	2040	725	1470	380		490		60		500	720	430		280		
8	2317						550		120								
9	2573	2200	745	1490	370		610		110		510	730	440		315	50	
10	2703						670		170								
11	2763						730		230								
12	2823						790		270								

HMC25–50 Overall Dimension Drawing



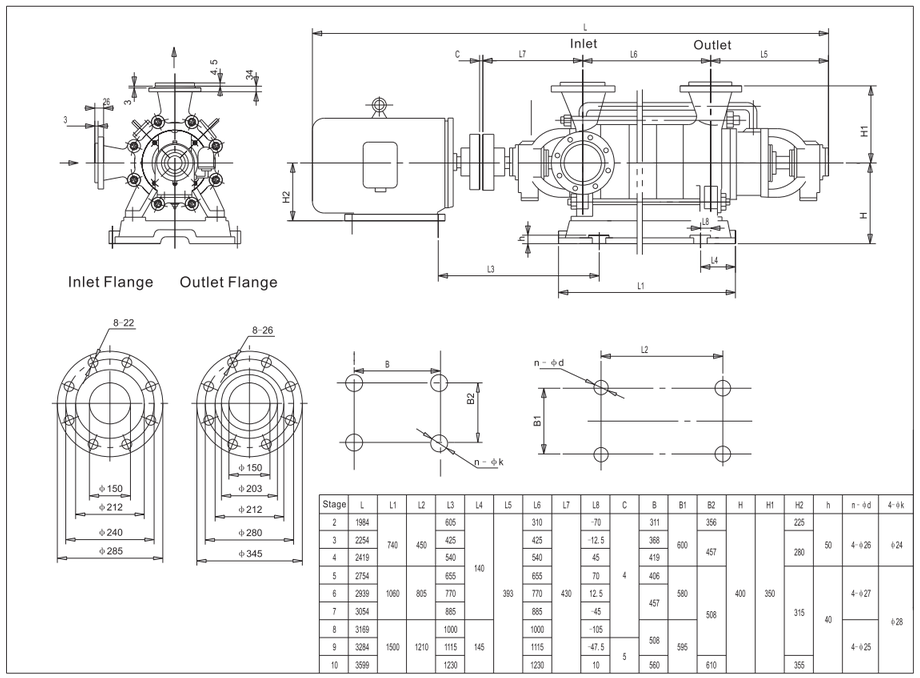
Stage	L	L1	L2	L3	L4	L5	L6	L7	L8	C	B1	B2	H	H1	H2	h	n-φd
2	1562	1180	-	605	280	355	190	345	175	2	500	500	360	270	180	40	4-φ24
3	1637	1240		665			250										
4	1802	1430		900	250		310		100		520	520	320		200	45	6-φ24
5	1862						370		160								
6	1962	1560	530	1060	235		430		165		560	560	365		225	40	
7	2137	1740	555	1020	360		490		125		530	600	350		250		
8	2267	2040	725	1470	380		550		120		500	720	430		280		
9	2327						610		110								
10	2387						670		170								
11	2497						730		230								
12	2753	2200	745	1490	370		790		270		510	730	440		315	50	

HMC85-67 Overall Dimension Drawing



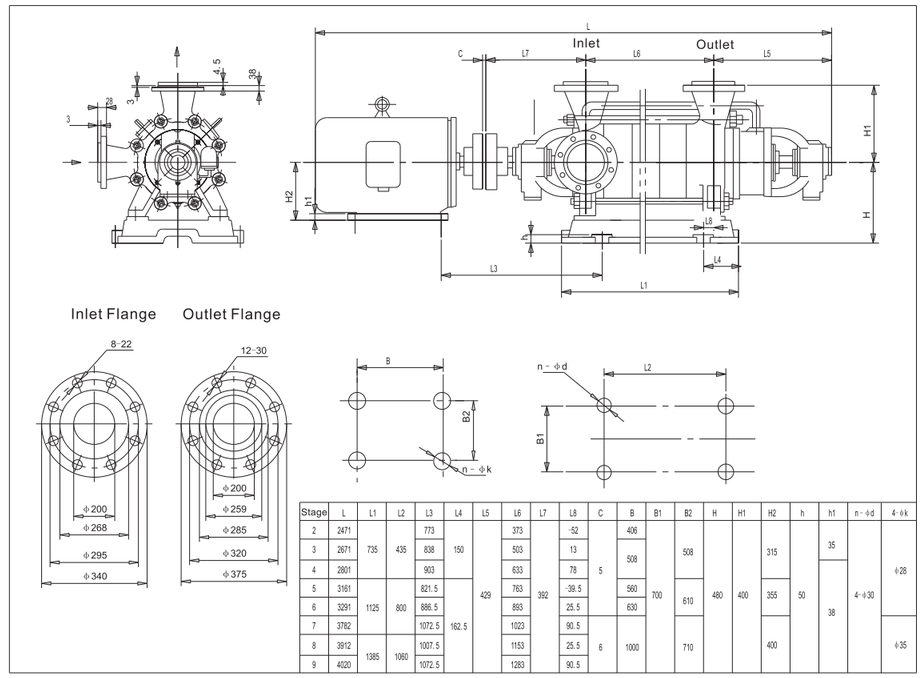
Stage	L	L1	L2	L3	L4	L5	L6	L7	L8	C	B	B1	B2	H	H1	H2	h	n-φd	4-φk
2	2206	765	400	880.5	182	518	283	584	-58	4	419	600	457	420	350	225	50	4-φ30	φ24
3	2479			890.5			371		-14							280			
4	2807			950.5			459		29.5		406		508			315	60		φ28
5	2965			994.5			547		73.5										
6	3053	945	580	948.5			635		27.5		457						50		
7	3141			992.5			723		71.5										
8	3459	1125	760	946.5			811		25.5		560		610			355	60		
9	3547			990.5			899		69.5										

HMC155-30 Overall Dimension Drawing



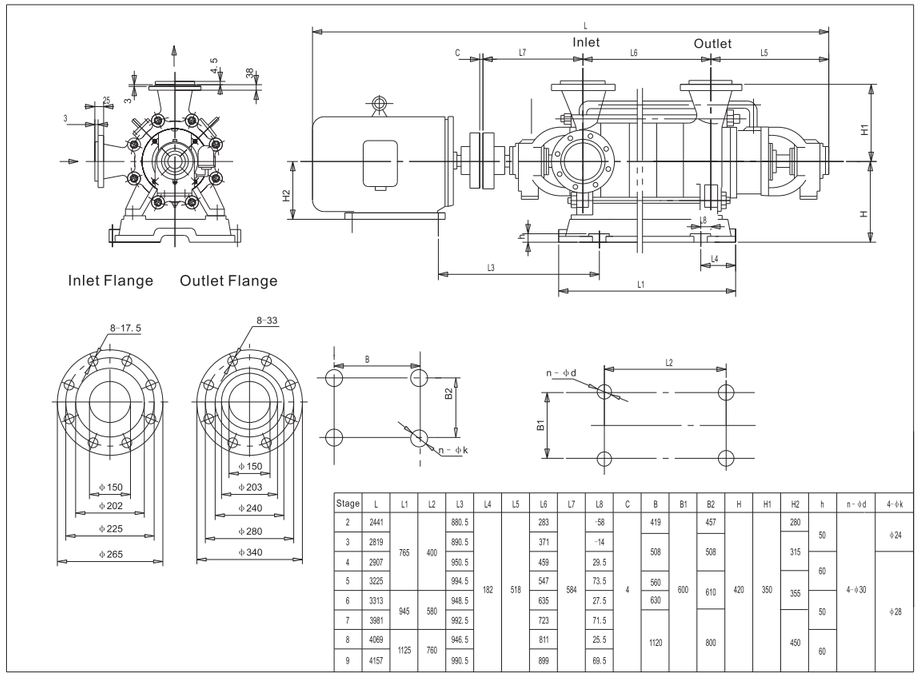
Stage	L	L1	L2	L3	L4	L5	L6	L7	L8	C	B	B1	B2	H	H1	H2	h	n－φd	4-φk
2	1984	740	450	605	140	393	310	430	-70	4	311	600	356	400	350	225	50	4-φ26	φ24
3	2254			425			425		-12.5		388		457			280			
4	2419			540			540		45		419								
5	2754	1060	805	655			655		70		406	580	508			315	40	4-φ27	φ28
6	2939			770			770		12.5		457								
7	3054			885			885		-45									4-φ25	
8	3169	1500	1210	1000	145		1000		-105	5	508	595							
9	3284			1115			1115		-47.5										
10	3599			1230			1230		10		560		610			355			

HMC280-43 Overall Dimension Drawing



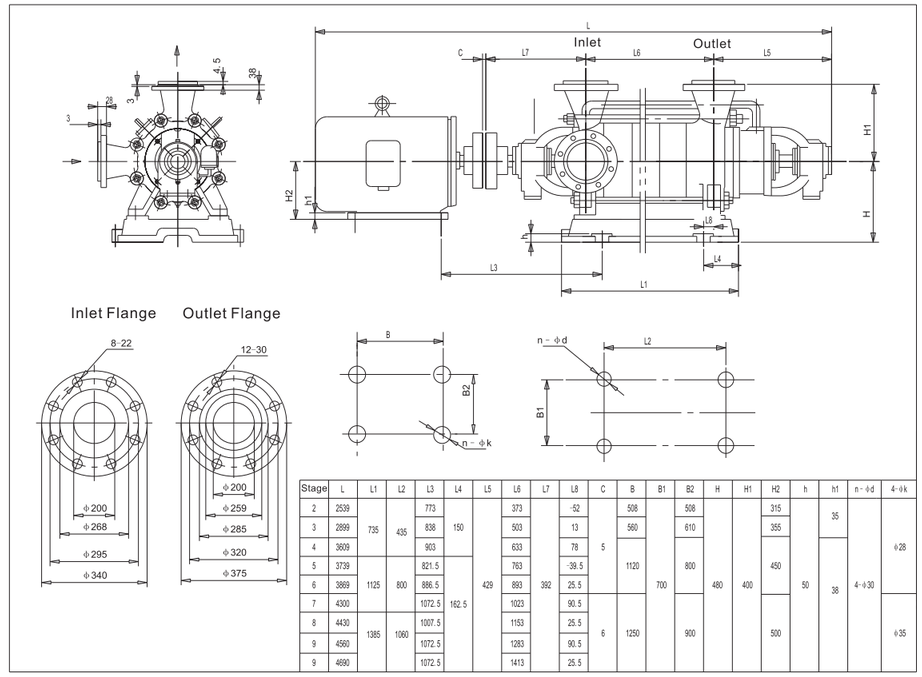
Stage	L	L1	L2	L3	L4	L5	L6	L7	L8	C	B	B1	B2	H	H1	H2	h	h1	n－φd	4-φk
2	2471	735	435	773	150	429	373	392	-52	5	406	508	508	480	400	315	50	35	4-φ30	φ28
3	2671			838			503		13		508									
4	2801			903			633		78											
5	3161	1125	800	821.5	162.5		763		-39.5		560	700	610			355		38		
6	3291			886.5			893		25.5		630									
7	3782	1385	1060	1072.5			1023		90.5	6	1000		710			400				φ35
8	3912			1007.5			1153		25.5											
9	4020			1072.5			1283		90.5											

HMC155-67 Overall Dimension Drawing



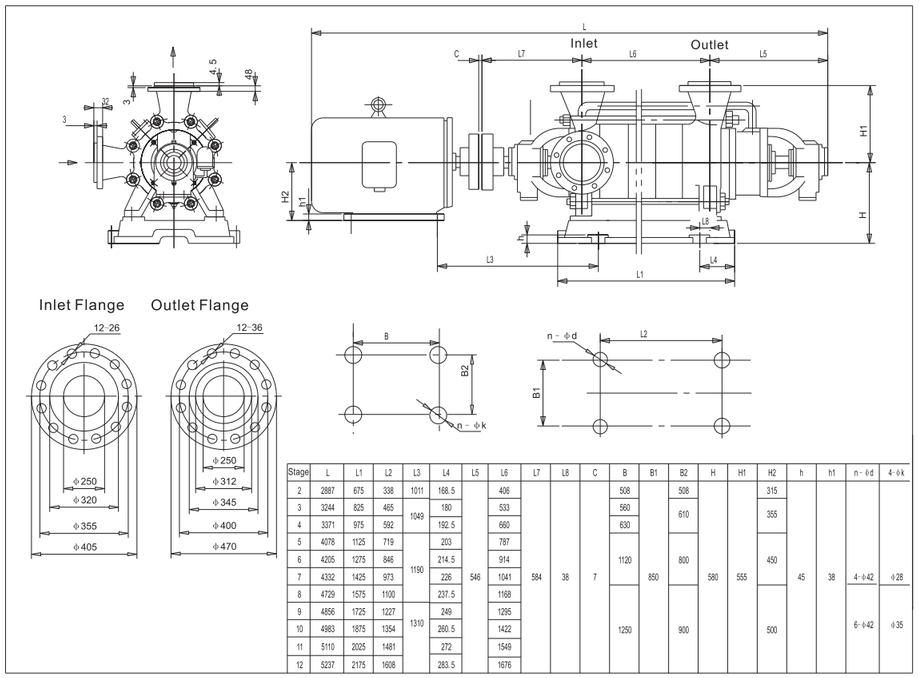
Stage	L	L1	L2	L3	L4	L5	L6	L7	L8	C	B	B1	B2	H	H1	H2	h	n－φd	4-φk
2	2441	765	400	880.5	182	518	283	584	-58	4	419	600	457	420	350	280	50	4-φ30	φ24
3	2819			890.5			371		-14		508		508			315	60		
4	2907			950.5			459		29.5										
5	3225	945	580	994.5			547		73.5		560		610			355	50		φ28
6	3313			948.5			635		27.5		630								
7	3981			992.5			723		71.5										
8	4069	1125	760	946.5			811		25.5		1120		800			450	60		
9	4157			990.5			899		69.5										

HMC280-65 Overall Dimension Drawing



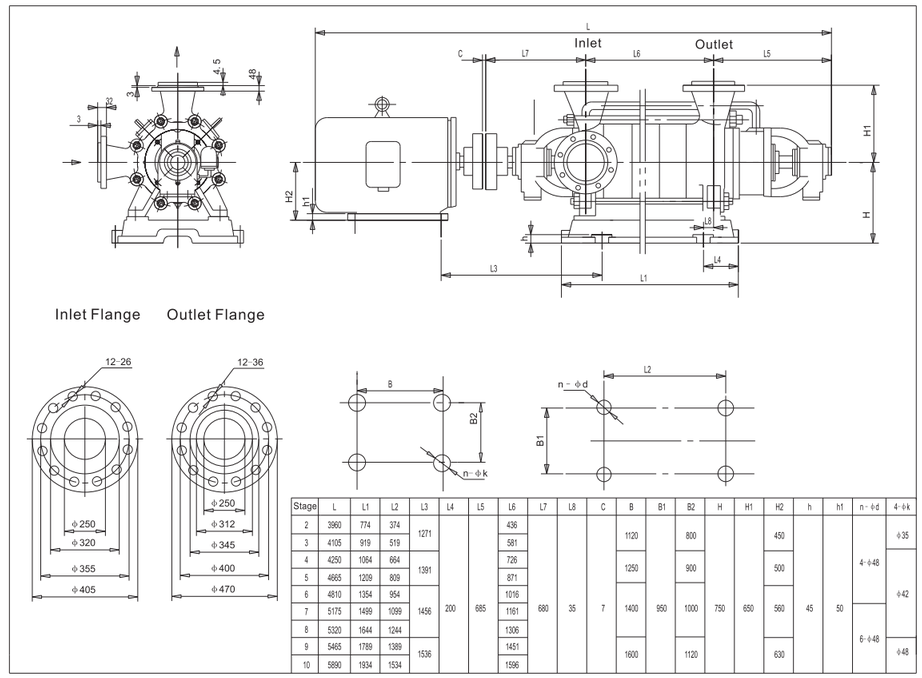
Stage	L	L1	L2	L3	L4	L5	L6	L7	L8	C	B	B1	B2	H	H1	H2	h	h1	n－φd	4-φk
2	2539	735	435	773	150	429	373	392	-52	5	508	700	508	480	400	315	50	35	4-φ30	φ28
3	2899			838			503		13		560		610			355				
4	3609			903			633		78		1120		800			450		38		
5	3739	1125	800	821.5	162.5		763		-39.5											
6	3869			886.5			893		25.5											
7	4300			1072.5			1023		90.5	6	1250		900			500				φ35
8	4430	1385	1060	1007.5			1153		25.5											
9	4560			1072.5			1283		90.5											
9	4690			1072.5			1413		25.5											

HMC360-57 Overall Dimension Drawing



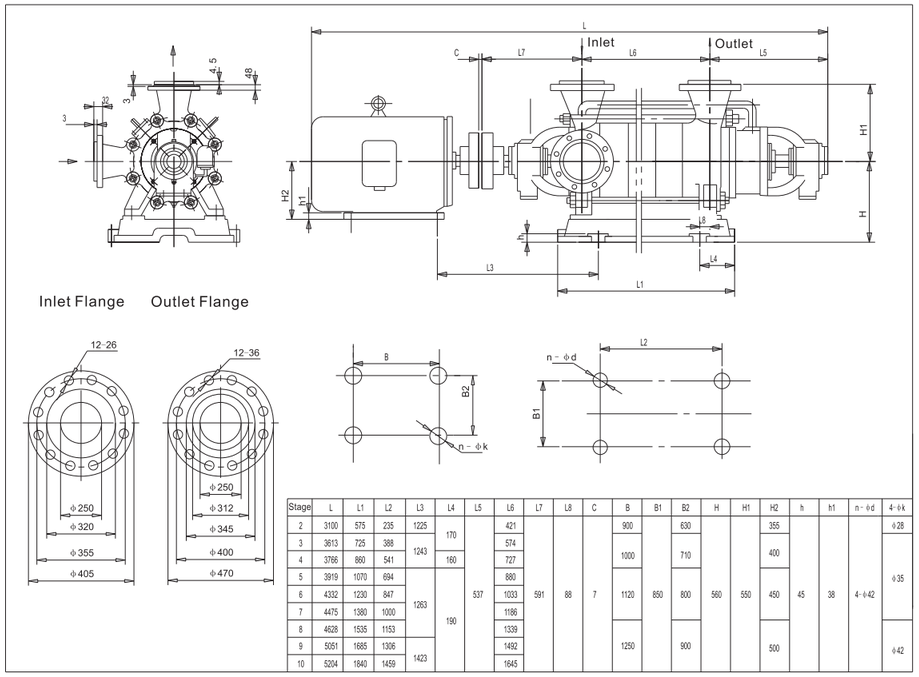
Stage	L	L1	L2	L3	L4	L5	L6	L7	L8	C	B	B1	B2	H	H1	H2	h	h1	n－φd	4-φk
2	2887	675	338	1011	168.5		406				508		508			315				
3	3244	825	465	1049	180		533				560		610			355				
4	3371	975	592		192.5		660				630									
5	4078	1125	719		203		787									450				
6	4205	1275	846	1190	214.5		914				1120		800							
7	4332	1425	973		226	546	1041	584	38	7		850		580	555		45	38	4-φ42	φ28
8	4729	1575	1100		237.5		1168													
9	4856	1725	1227	1310	249		1295													
10	4983	1875	1354		260.5		1422				1250		900			500			6-φ42	φ35
11	5110	2025	1481		272		1549													
12	5237	2175	1608		283.5		1676													

HMC600-80 Overall Dimension Drawing



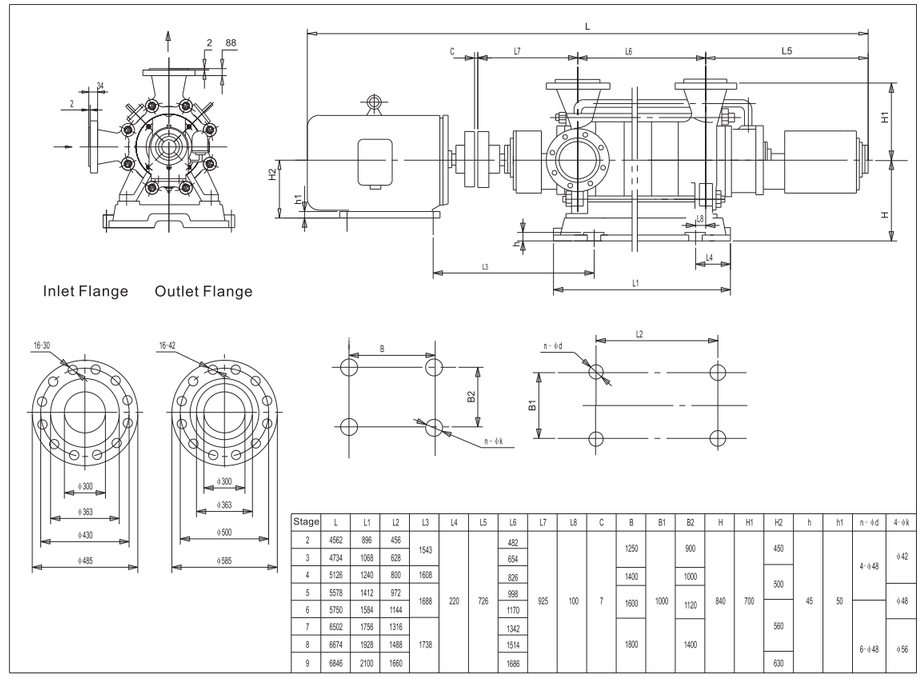
Stage	L	L1	L2	L3	L4	L5	L6	L7	L8	C	B	B1	B2	H	H1	H2	h	h1	n－φd	4-φk
2	3960	774	374	1271			436				1120		800			450			4-φ48	φ35
3	4105	919	519				581													
4	4250	1064	664	1391			726				1250		900			500				φ42
5	4665	1209	809				871													
6	4810	1354	954	1456			1016				1400		1000			560			6-φ48	
7	5175	1499	1099				1161													
8	5320	1644	1244	1536			1306				1600		1120			630				φ48
9	5465	1789	1389				1451													
10	5890	1934	1534				1596													

HMC450-60 Overall Dimension Drawing

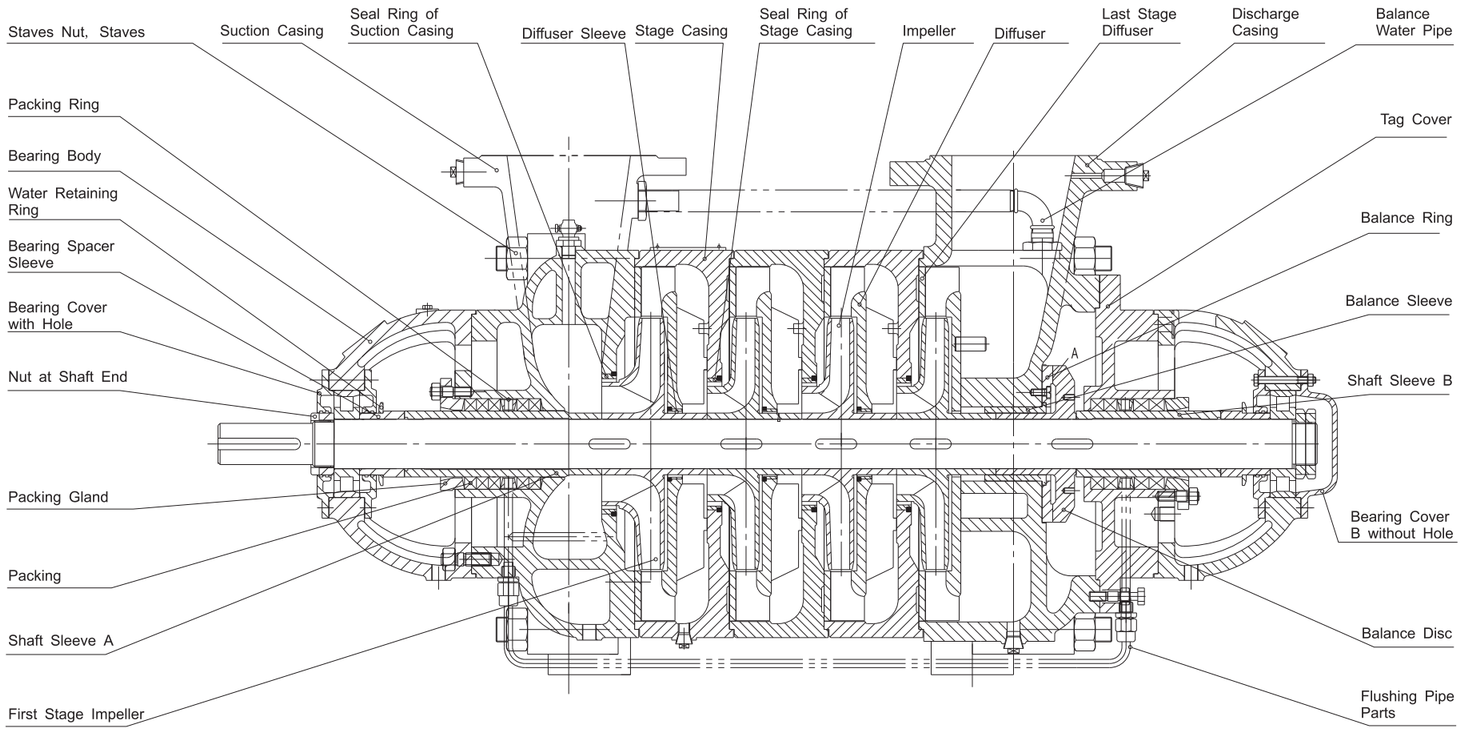


Stage	L	L1	L2	L3	L4	L5	L6	L7	L8	C	B	B1	B2	H	H1	H2	h	h1	n－φd	4-φk
2	3100	575	235	1225			421				900		630			355				φ28
3	3613	725	388	1243	170		574				1000		710			400				
4	3766	860	541		160		727													
5	3919	1070	694				880									450				φ35
6	4332	1230	847	1263			1033				1120		800							
7	4475	1380	1000		190	537	1186	591	88	7		850		560	550		45	38	4-φ42	
8	4628	1535	1153				1339													
9	5051	1685	1306	1423			1492				1250		900			500				φ42
10	5204	1840	1459				1645													

HMC850-100 Overall Dimension Drawing



Stage	L	L1	L2	L3	L4	L5	L6	L7	L8	C	B	B1	B2	H	H1	H2	h	h1	n－φd	4-φk
2	4562	896	456	1543			482				1250		900			450			4-φ48	φ42
3	4734	1068	628				654													
4	5126	1240	800	1808			826				1400		1000			500				φ48
5	5578	1412	972	1888			998				1600		1120			560			6-φ48	
6	5750	1584	1144				1170													
7	6502	1756	1316	1738			1342				1800		1400			630				φ56
8	6674	1928	1488				1514													
9	6846	2100	1660				1686													



HMC Pump Rolling Bearing Construction Drawing