

BL(T)A

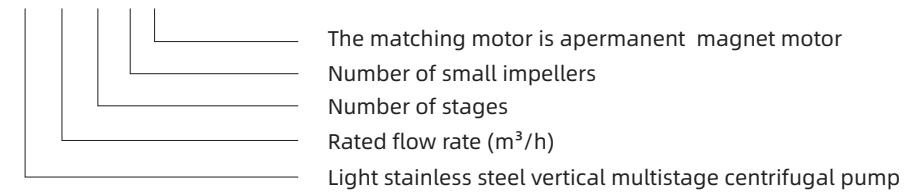
IE5 Permanent magnet Stainless steel multistage centrifugal pumps

IE5



Model Instruction

BL 32 - 2 - 2-A



Overview Of The Product

The BLA series light stainless steel vertical multistage centrifugal pumps are non-self-priming vertical multistage centrifugal pumps designed and manufactured by absorbing advanced technology both at home and abroad, and adopt IE5 permanent magnet variable frequency motor and alloy mechanical seal, which are easy to replace. The flow passage parts of the BLA pump are all made of stainless steel, and some flow passage parts of the BLTA pumps are made of cast iron, so they are applicable to lightly corrosive media. After the products are put on the market, they are deeply favored by users for their high efficiency, energy saving, reliable quality, and wide range of use.

Application

- ⊙ Temperature range of medium: Normal type 0 ~ +68°C , hot water type 0 ~ +120°C
- ⊙ Maximum ambient temperature: +40°C
- ⊙ Maximum working pressure: 10 bar
- ⊙ When the density or viscosity of the transmission medium exceeds that of water, it is necessary to select a driving motor of high-power.
- ⊙ pH: 6.5 to 8.5

Applications Fields

- ⊙ Pressurized water supply
- ⊙ Water treatment system
- ⊙ Industrial liquid transportation
- ⊙ Farmland irrigation

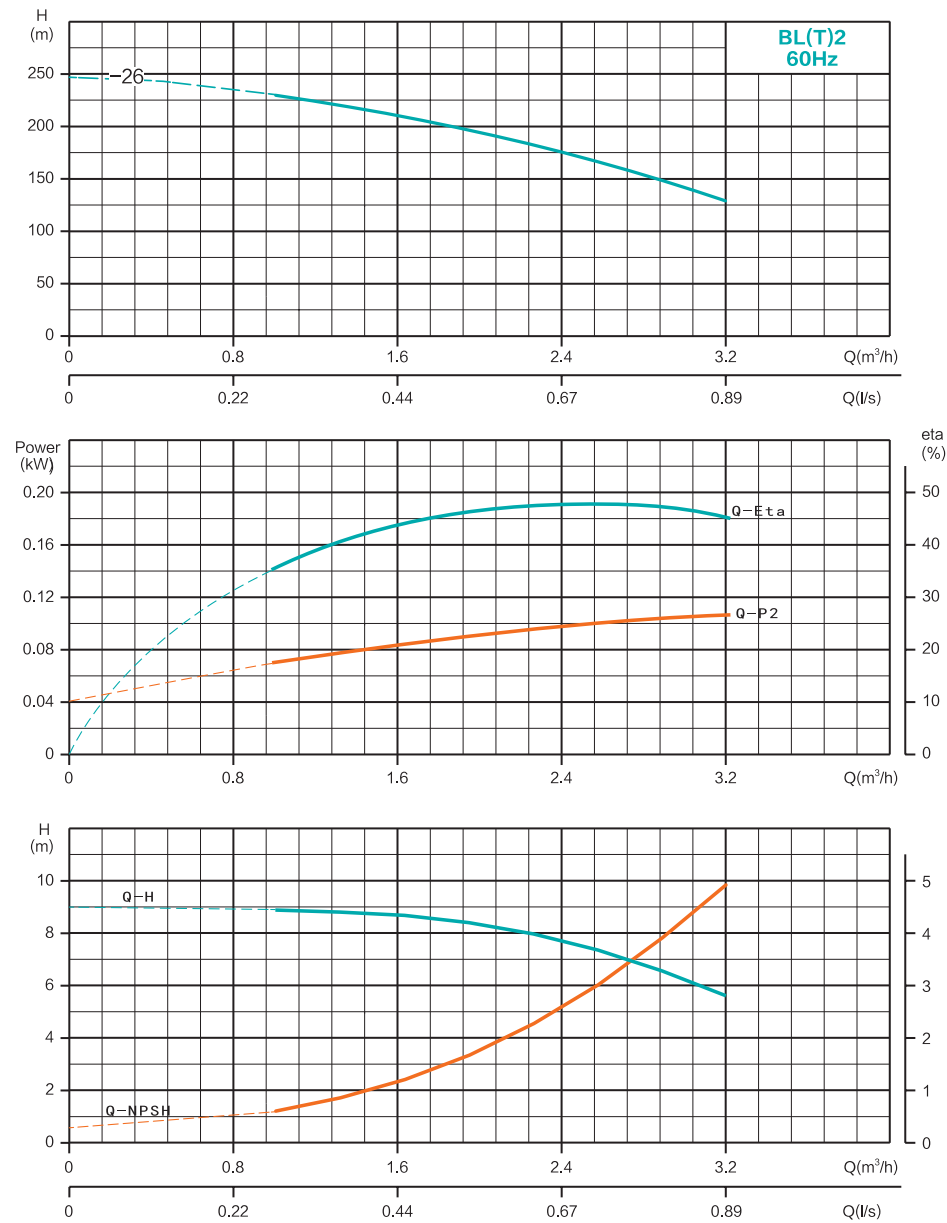
Certificate



Optional Available On Request

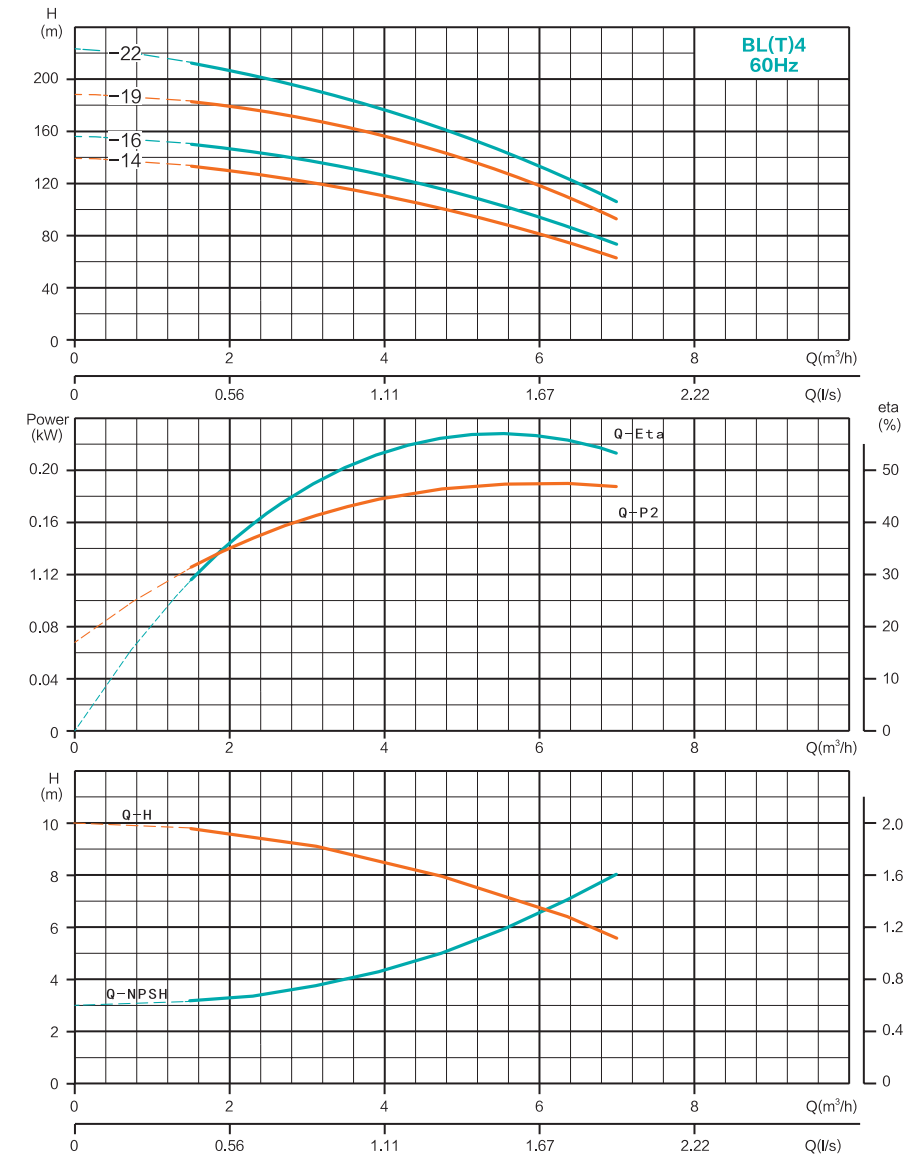
- ⊙ Insulation class: F
- ⊙ Standard voltage (50Hz): Single phase 220v
- ⊙ Three phase: 380v or 220v

Performance curve



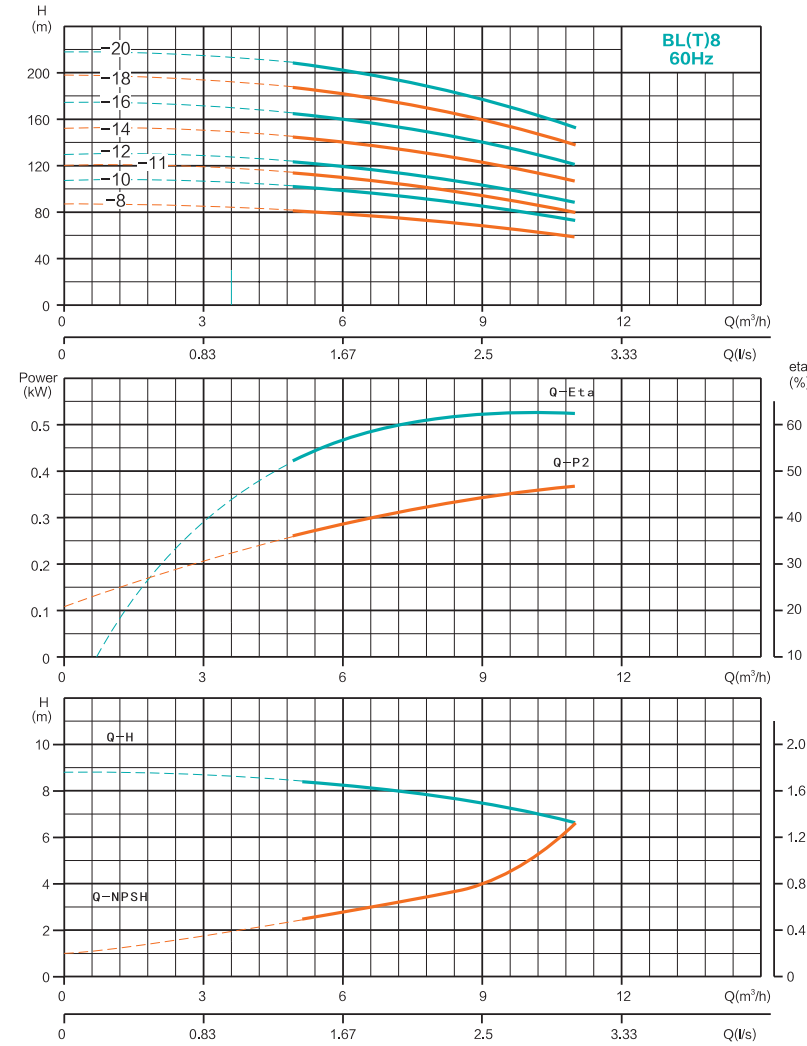
Model	Flow (m³/h)	Head(m)	Power(kW)	Maximum pressure(bar)
BL2-26A	2	198	3	23.2
BLT2-26A	2	198	3	23.2

Performance curve



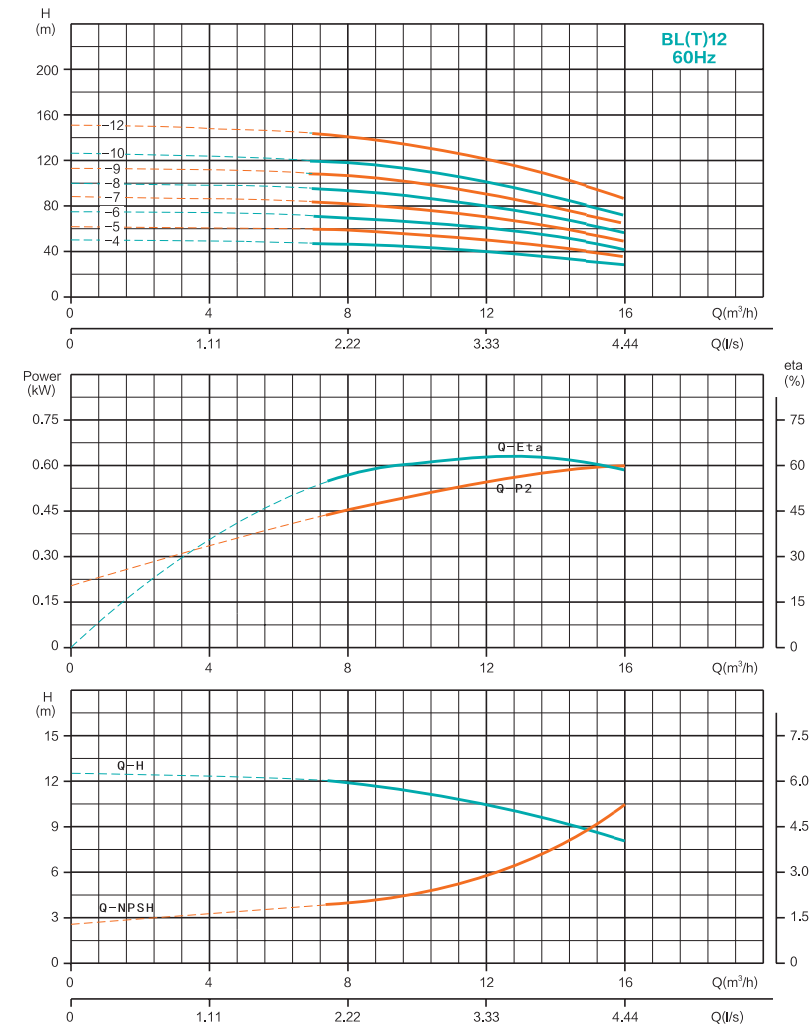
Model	Flow (m³/h)	Head(m)	Power(kW)	Maximum pressure(bar)
BL4-14A	4	112	3	13.6
BLT4-14A	4	112	3	13.6
BL4-16A	4	129	3	15.2
BLT4-16A	4	129	3	15.2
BL4-19A	4	153	4	18.3
BLT4-19A	4	153	4	18.3
BL4-22A	4	178	4	21.1
BLT4-22A	4	178	4	21.1

Performance curve



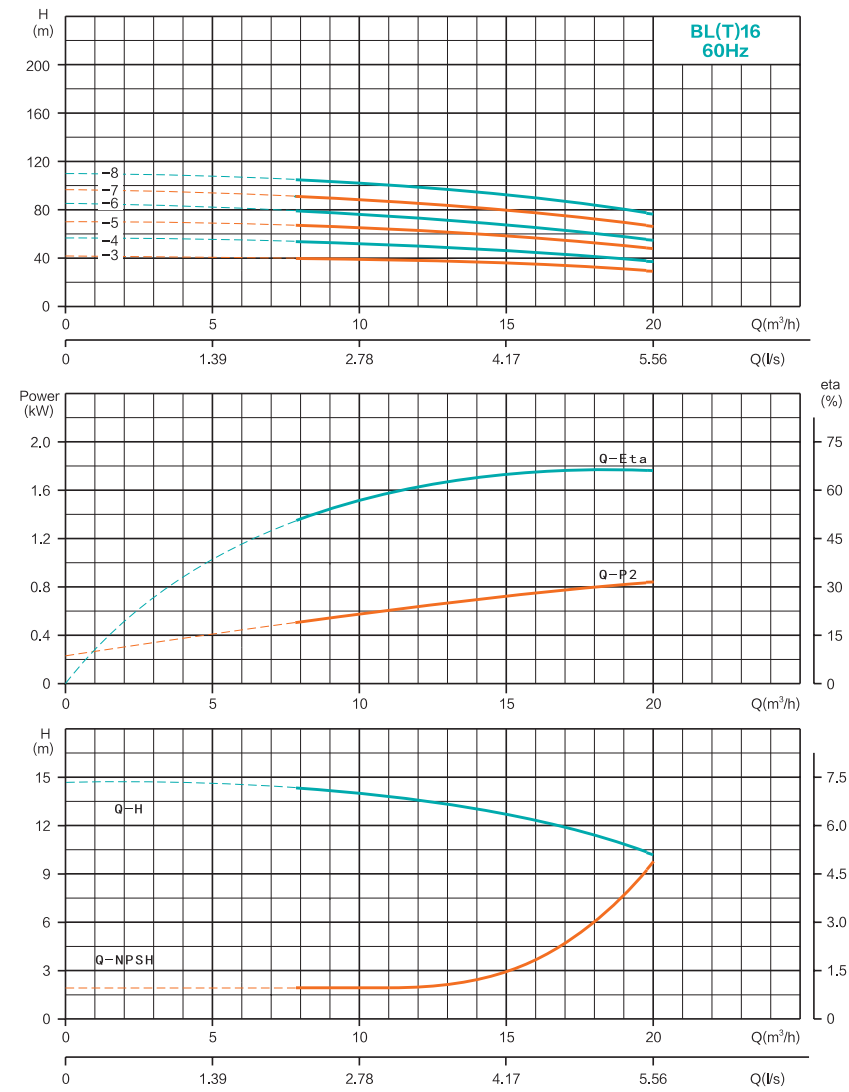
Model	Flow(m³/h)	Head(m)	Power(kW)	Maximum pressure(bar)
BL8-8A	8	73	3	8.3
BLT8-8A	8	73	3	8.3
BL8-10A	8	92	4	10.4
BLT8-10A	8	92	4	10.4
BL8-11A	8	101	4	11.4
BLT8-11A	8	101	4	11.4
BL8-12A	8	111	4	12.4
BLT8-12A	8	111	4	12.4
BL8-14A	8	130	5.5	14.5
BLT8-14A	8	130	5.5	14.5
BL8-16A	8	148	5.5	16.6
BLT8-16A	8	148	5.5	16.6
BL8-18A	8	167	7.5	18.7
BLT8-18A	8	167	7.5	18.7
BL8-20A	8	186	7.5	20.8
BLT8-20A	8	186	7.5	20.8

Performance curve



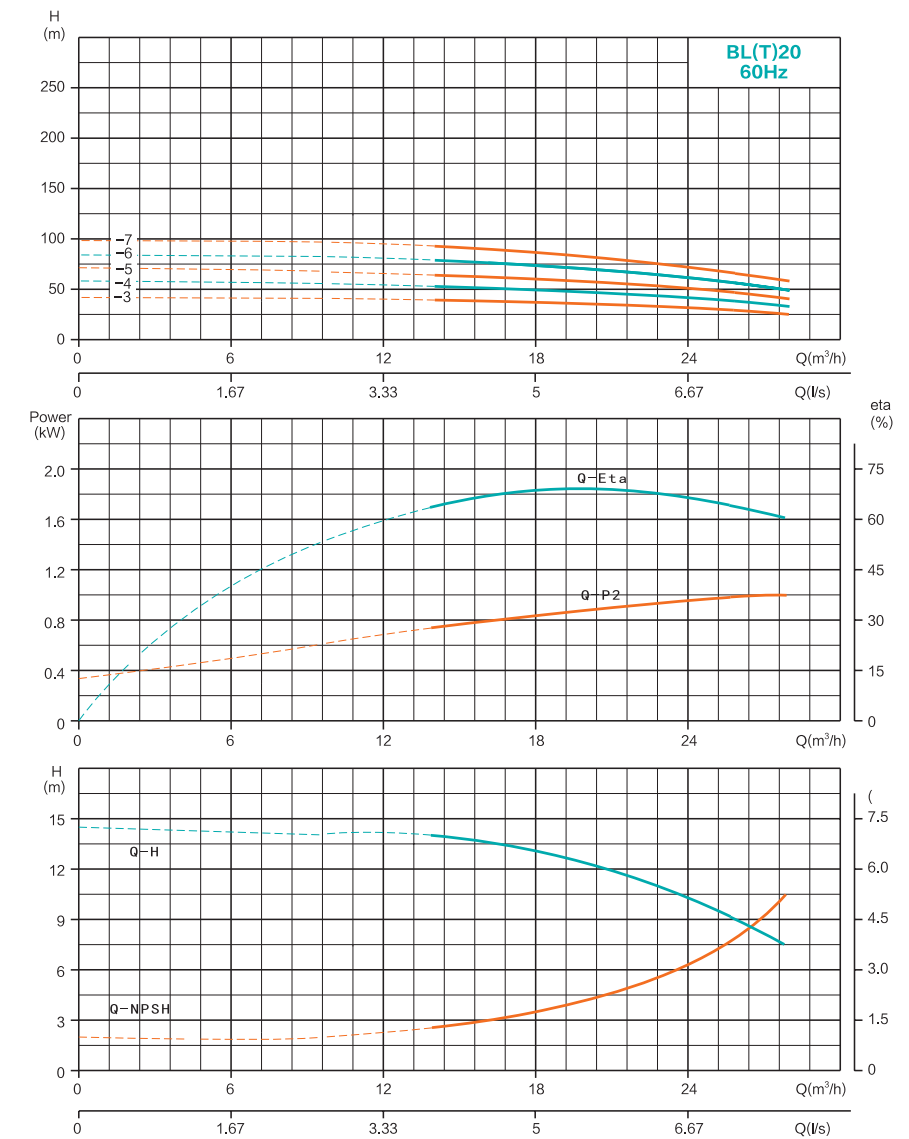
Model	Flow(m³/h)	Head(m)	Power(kW)	Maximum pressure(bar)
BL12-4A	12	40	3	4.7
BLT12-4A	12	40	3	4.7
BL12-5A	12	50	3	5.95
BLT12-5A	12	50	3	5.95
BL12-6A	12	60	4	7.15
BLT12-6A	12	60	4	7.15
BL12-7A	12	70	5.5	8.35
BLT12-7A	12	70	5.5	8.35
BL12-8A	12	80	5.5	9.55
BLT12-8A	12	80	5.5	9.55
BL12-9A	12	91	5.5	10.8
BLT12-9A	12	91	5.5	10.8
BL12-10A	12	101	7.5	12
BLT12-10A	12	101	7.5	12
BL12-12A	12	121	7.5	14.35
BLT12-12A	12	121	7.5	14.35

Performance curve



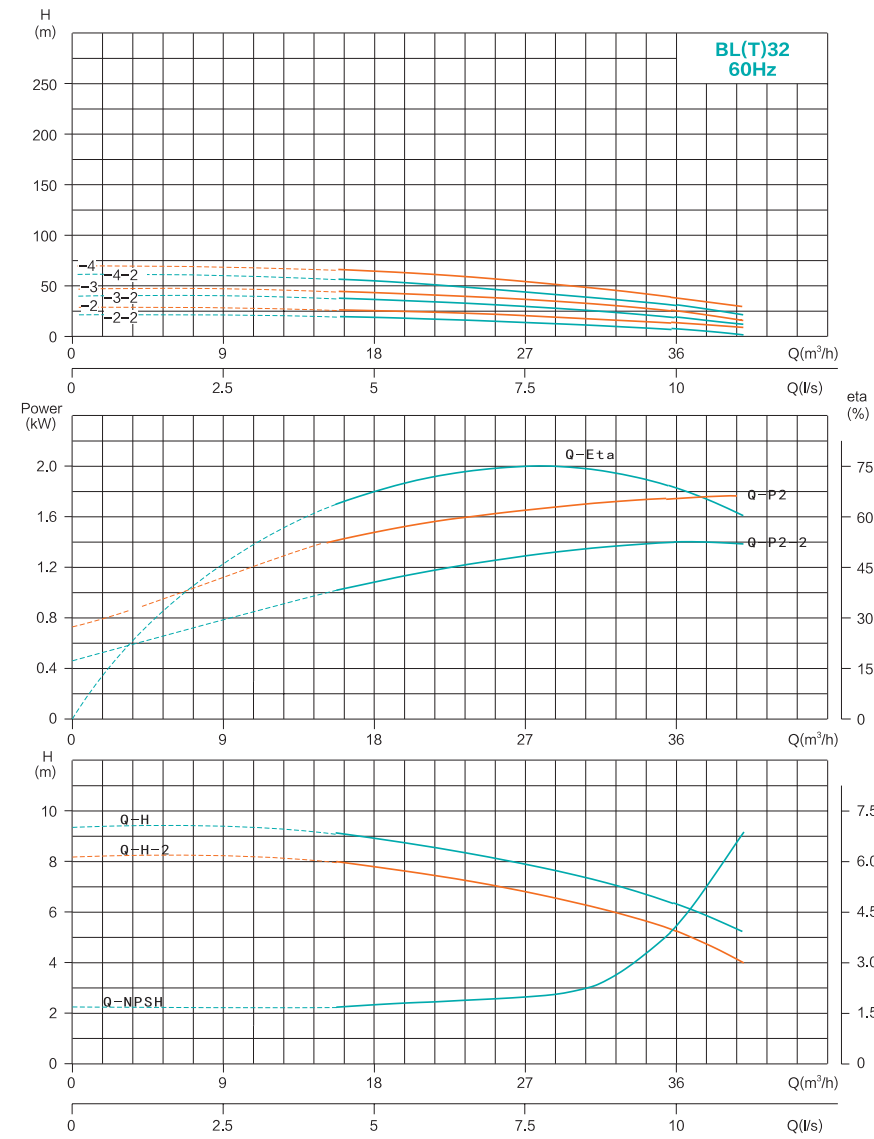
Model	Flow(m ³ /h)	Head(m)	Power(kW)	Maximum pressure(bar)
BL16-3A	16	34	3	4.1
BLT16-3A	16	34	3	4.1
BL16-4A	16	46	4	5.4
BLT16-4A	16	46	4	5.4
BL16-5A	16	58	5.5	6.8
BLT16-5A	16	58	5.5	6.8
BL16-6A	16	70	5.5	8.2
BLT16-6A	16	70	5.5	8.2
BL16-7A	16	82	7.5	9.6
BLT16-7A	16	82	7.5	9.6
BL16-8A	16	94	7.5	11
BLT16-8A	16	94	7.5	11

Performance curve



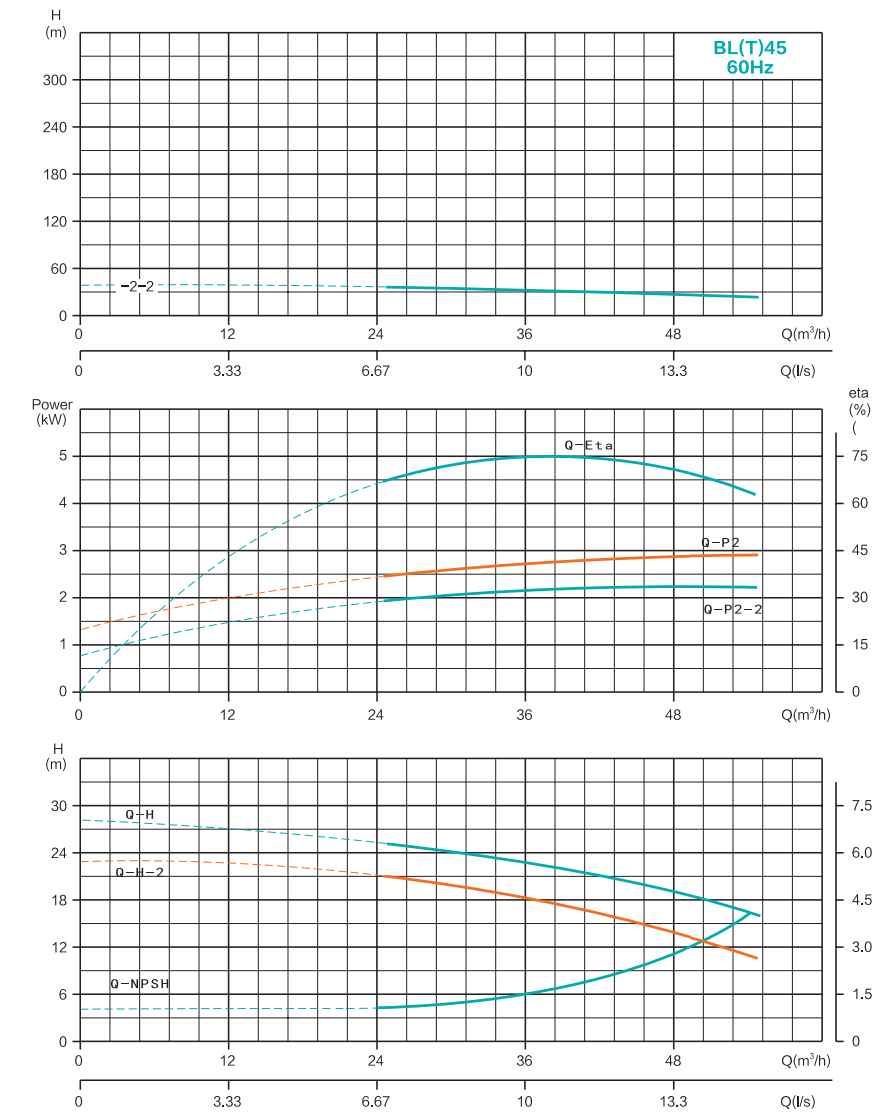
Model	Flow(m ³ /h)	Head(m)	Power(kW)	Maximum pressure(bar)
BL20-3A	20	35	4	3.9
BLT20-3A	20	35	4	3.9
BL20-4A	20	47	5.5	5.2
BLT20-4A	20	47	5.5	5.2
BL20-5A	20	58	5.5	6.4
BLT20-5A	20	58	5.5	6.4
BL20-6A	20	70	7.5	7.7
BLT20-6A	20	70	7.5	7.7
BL20-7A	20	82	7.5	9.1
BLT20-7A	20	82	7.5	9.1

Performance curve



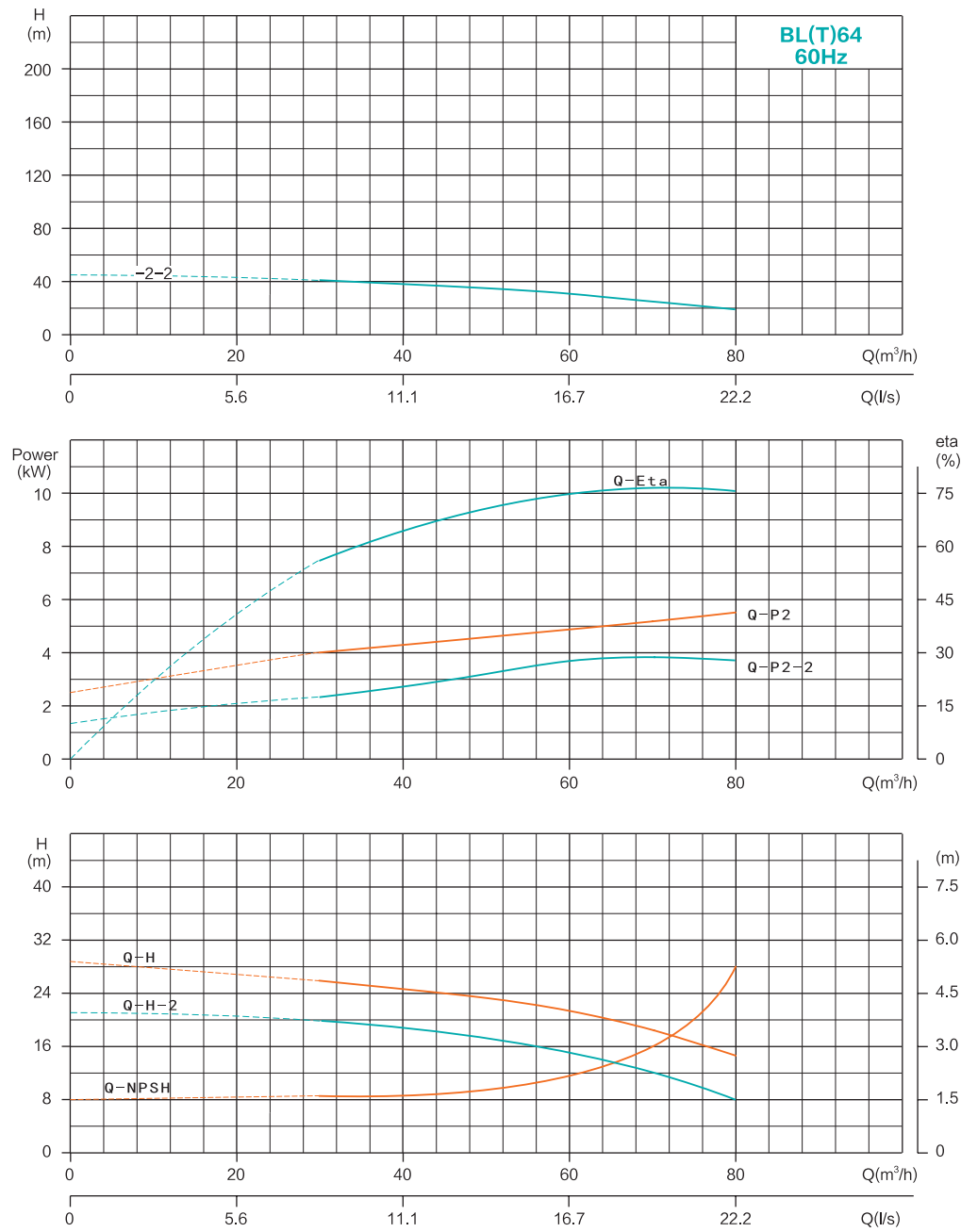
Model	Flow(m ³ /h)	Head(m)	Power(kW)	Maximum pressure(bar)
BL32-2-2A	32	20	3	2.9
BLT32-2-2A	32	20	3	2.9
BL32-2A	32	27	4	3.6
BLT32-2A	32	27	4	3.6
BL32-3-2A	32	33	5.5	4.7
BLT32-3-2A	32	33	5.5	4.7
BL32-3A	32	40	5.5	5.4
BLT32-3A	32	40	5.5	5.4
BL32-4-2A	32	46	7.5	6.5
BLT32-4-2A	32	46	7.5	6.5
BL32-4A	32	53	7.5	7.2
BLT32-4A	32	53	7.5	7.2

Performance curve



Model	Flow(m ³ /h)	Head(m)	Power(kW)	Maximum pressure(bar)
BL45-2-2A	45	30	5.5	4
BLT45-2-2A	45	30	5.5	4
BL45-2A	45	39	7.5	4.8
BLT45-2A	45	39	7.5	4.8

Performance curve



Model	Flow(m ³ /h)	Head(m)	Power(kW)	Maximum pressure(bar)
BL64-2-2A	64	26	7.5	3.9
BLT64-2-2A	64	26	7.5	3.9

Packing Sizes & Weight

Model	Dim.(mm)(L*W*H)	BL G.W.(kg)	BLT G.W.(kg)
BL(T)2-26A	1150×390×320	66	70
BL(T)4-14A	1060×390×320	62	73
BL(T)4-16A	1110×390×320	64	76
BL(T)4-19A	1190×410×320	67	88
BL(T)4-22A	1270×410×320	69	92
BL(T)8-8A	1000×370×360	72	78
BL(T)8-10A	1060×400×420	76	89
BL(T)8-11A	1100×400×420	77	90
BL(T)8-12A	1160×410×420	86	100
BL(T)8-14A	1220×410×420	91	120
BL(T)8-16A	1280×410×420	94	123
BL(T)8-18A	1350×410×420	97	130
BL(T)8-20A	1410×410×420	100	133
BL(T)12-4A	900×380×360	64	75
BL(T)12-5A	900×380×360	66	76
BL(T)12-6A	950×380×360	67	85
BL(T)12-7A	1030×400×420	71	111
BL(T)12-8A	1030×400×420	73	113
BL(T)12-9A	1060×400×420	74	114
BL(T)12-10A	1100×400×420	77	120
BL(T)12-12A	1160×410×420	81	122
BL(T)16-3A	900×380×360	68	75
BL(T)16-4A	950×380×360	69	84
BL(T)16-5A	1030×400×420	80	110
BL(T)16-6A	1060×400×420	82	113
BL(T)16-7A	1100×400×420	83	120
BL(T)16-8A	1160×410×420	84	121
BL(T)20-3A	900×380×360	67	83
BL(T)20-4A	950×380×360	78	109
BL(T)20-5A	1030×400×420	80	111
BL(T)20-6A	1060×400×420	81	118
BL(T)20-7A	1100×400×420	82	119
BL(T)32-2-2A	1060×390×470	101	113
BL(T)32-2A	1060×390×470	101	113
BL(T)32-3-2A	1150×420×470	103	131
BL(T)32-3A	1150×420×470	103	131
BL(T)32-4-2A	1220×420×470	104	137
BL(T)32-4A	1220×420×470	104	137
BL(T)45-2-2A	1140×440×500	111	145
BL(T)45-2A	1140×440×500	111	145
BL(T)64-2-2A	1100×440×500	133	163