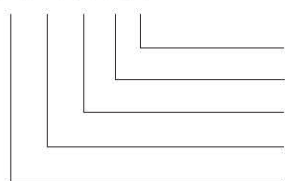


Model Instruction

BV 32 - 2 - 2-A



- The matching motor is a permanent magnet motor
- Number of small impellers
- Number of stages
- Rated flow rate (m³/h)
- Light stainless steel vertical multistage centrifugal pump

Overview Of The Product

The BVA 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 BVA pump are all made of stainless steel, and some flow passage parts of the BVTA 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 Limits

- ⊙ Temperature range of medium: Normal type 0 ~ +68°C, hot water type 68°C ~ +120°C
- ⊙ Maximum ambient temperature: +40°C
- ⊙ Maximum working pressure: 1.0 Mpa
- ⊙ 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

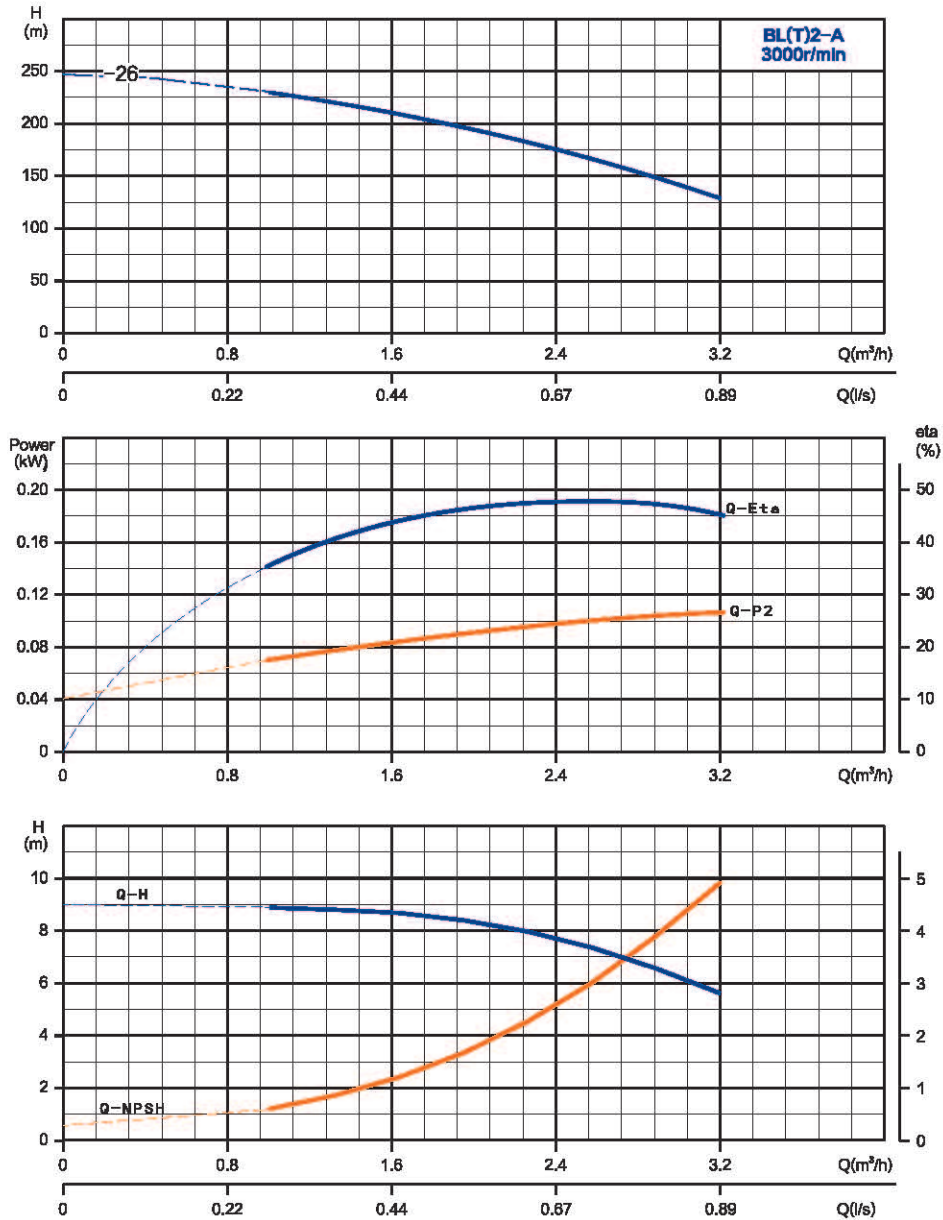
Certificate



Optional Available On Request

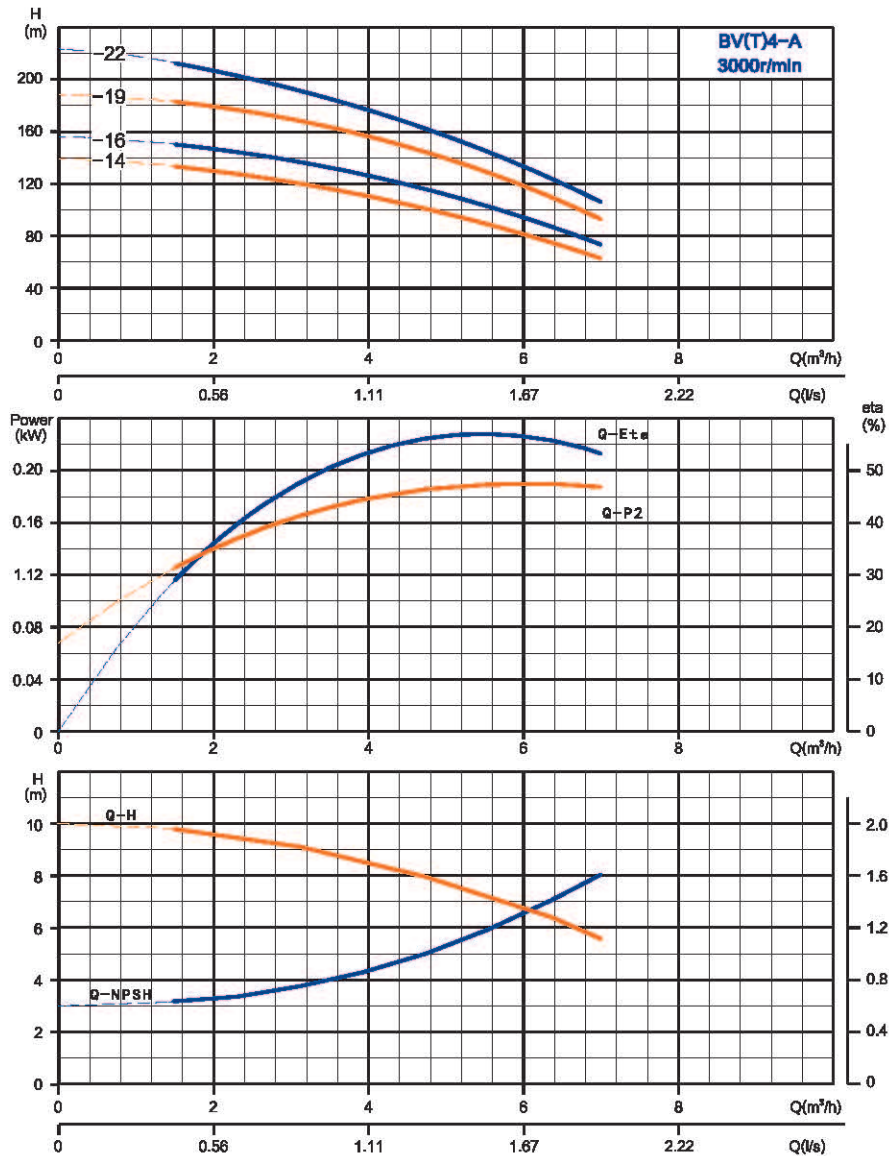
- ⊙ Insulation class: F
- ⊙ Standard voltage (50Hz): Single phase 220v
- ⊙ Three phase: 380v or 220v

Performance curve



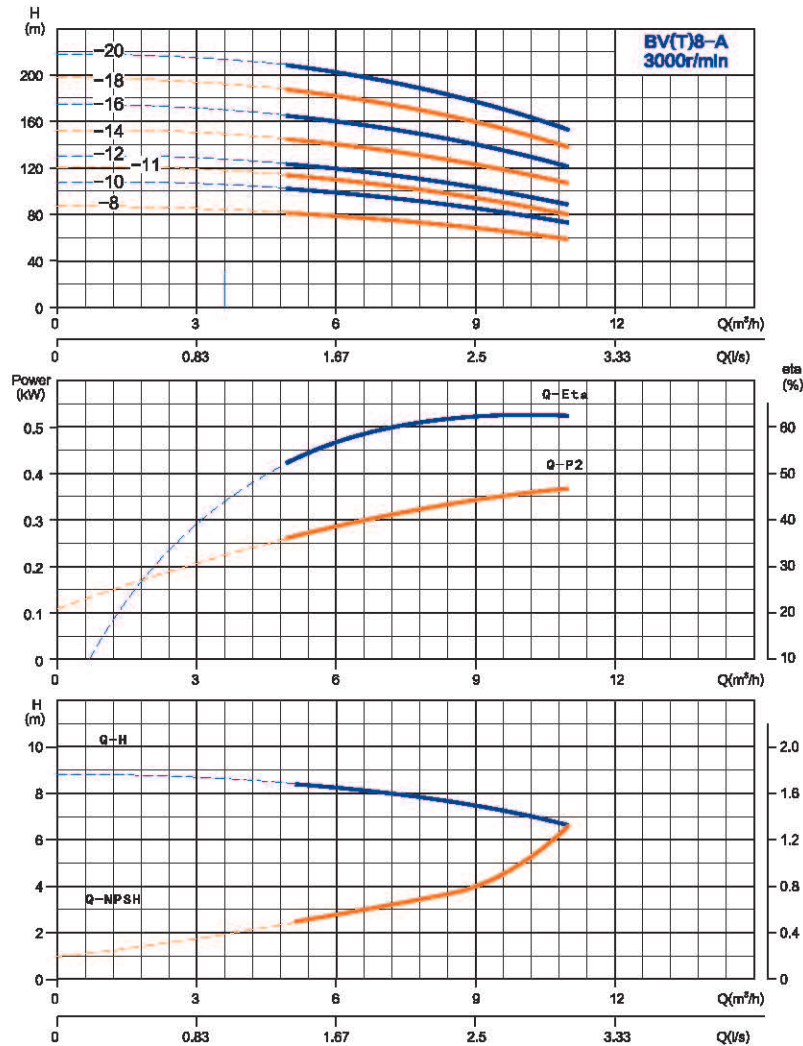
Model	Flow (m³/h)	Head(m)	Power(kw)	Maximum pressure(bar)
BV2-26A	2	198	3	23.2
BVT2-26A	2	198	3	23.2

Performance curve



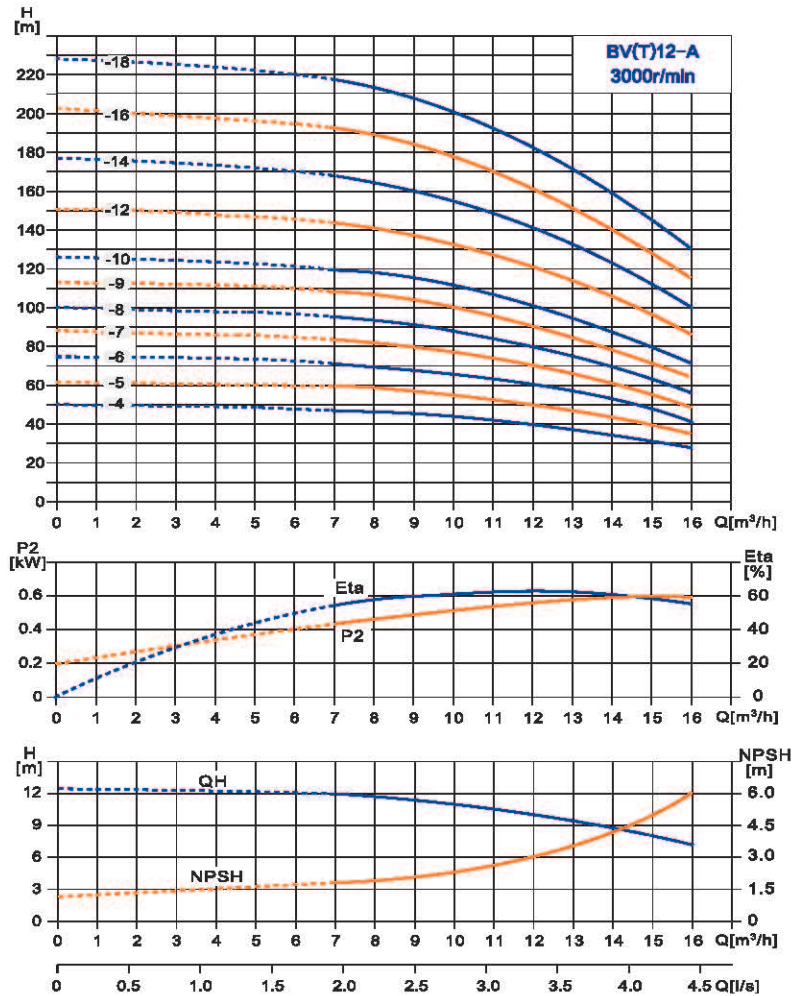
Model	Flow (m³/h)	Head(m)	Power(kw)	Maximum pressure(bar)
BV4-14A	4	112	3	13.6
BVT4-14A	4	112	3	13.6
BV4-16A	4	129	3	15.2
BVT4-16A	4	129	3	15.2
BV4-19A	4	153	4	18.3
BVT4-19A	4	153	4	18.3
BV4-22A	4	178	4	21.1
BVT4-22A	4	178	4	21.1

Performance curve



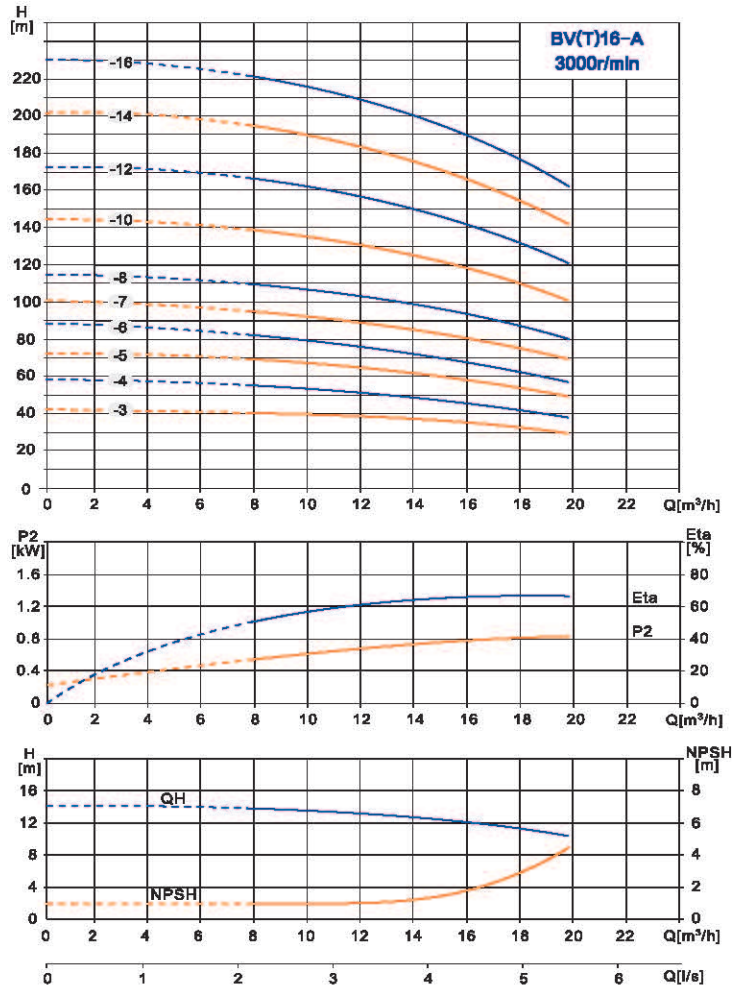
Model	Flow(m ³ /h)	Head(m)	Power(kw)	Maximum pressure(bar)
BV8-8A	8	73	3	8.3
BVT8-8A	8	73	3	8.3
BV8-10A	8	92	4	10.4
BVT8-10A	8	92	4	10.4
BV8-11A	8	101	4	11.4
BVT8-11A	8	101	4	11.4
BV8-12A	8	111	4	12.4
BVT8-12A	8	111	4	12.4
BV8-14A	8	130	5.5	14.5
BVT8-14A	8	130	5.5	14.5
BV8-16A	8	148	5.5	16.6
BVT8-16A	8	148	5.5	16.6
BV8-18A	8	167	7.5	18.7
BVT8-18A	8	167	7.5	18.7
BV8-20A	8	186	7.5	20.8
BVT8-20A	8	186	7.5	20.8

Performance curve



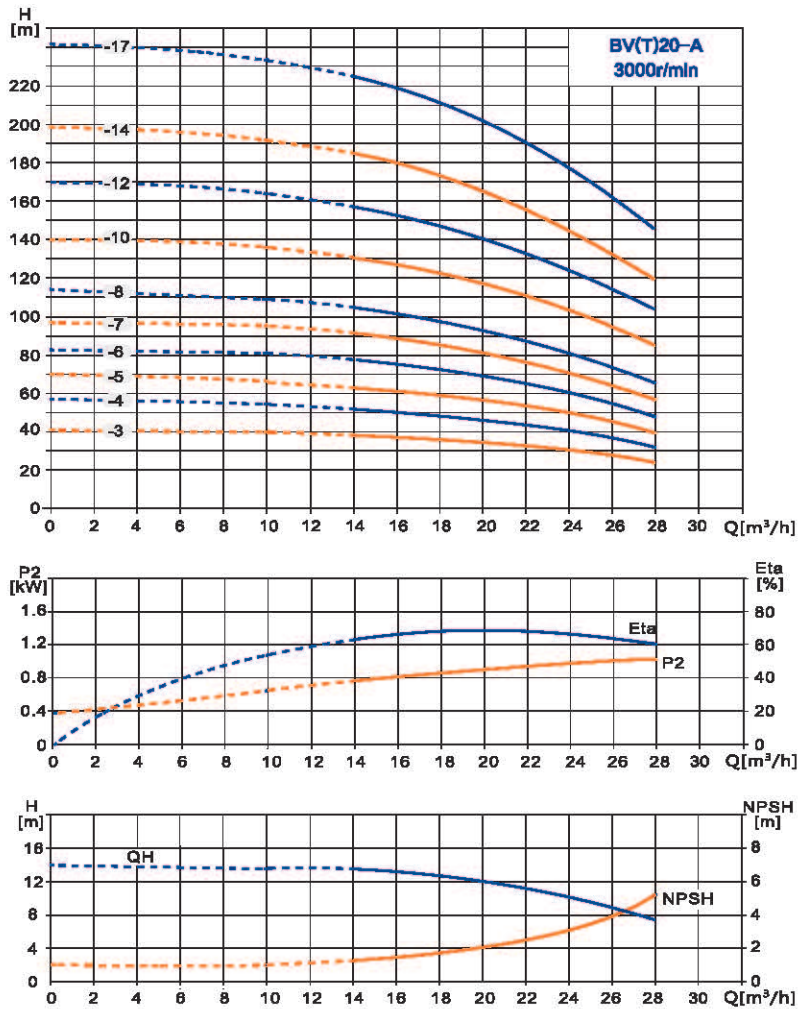
Model	Flow(m³/h)	Head(m)	Power(kw)	Maximum pressure(bar)
BV12-4A	12	40	3	4.7
BVT12-4A	12	40	3	4.7
BV12-5A	12	50	3	5.95
BVT12-5A	12	50	3	5.95
BV12-6A	12	60	4	7.15
BVT12-6A	12	60	4	7.15
BV12-7A	12	70	5.5	8.35
BVT12-7A	12	70	5.5	8.35
BV12-8A	12	80	5.5	9.55
BVT12-8A	12	80	5.5	9.55
BV12-9A	12	91	5.5	10.8
BVT12-9A	12	91	5.5	10.8
BV12-10A	12	101	7.5	12
BVT12-10A	12	101	7.5	12
BV12-12A	12	121	7.5	14.35
BVT12-12A	12	121	7.5	14.35
BV12-14A	12	141	11	16.8
BVT12-14A	12	141	11	16.8
BV12-16A	12	162	11	19.25
BVT12-16A	12	162	11	19.25
BV12-18A	12	183	11	21.7
BVT12-18A	12	183	11	21.7

Performance curve



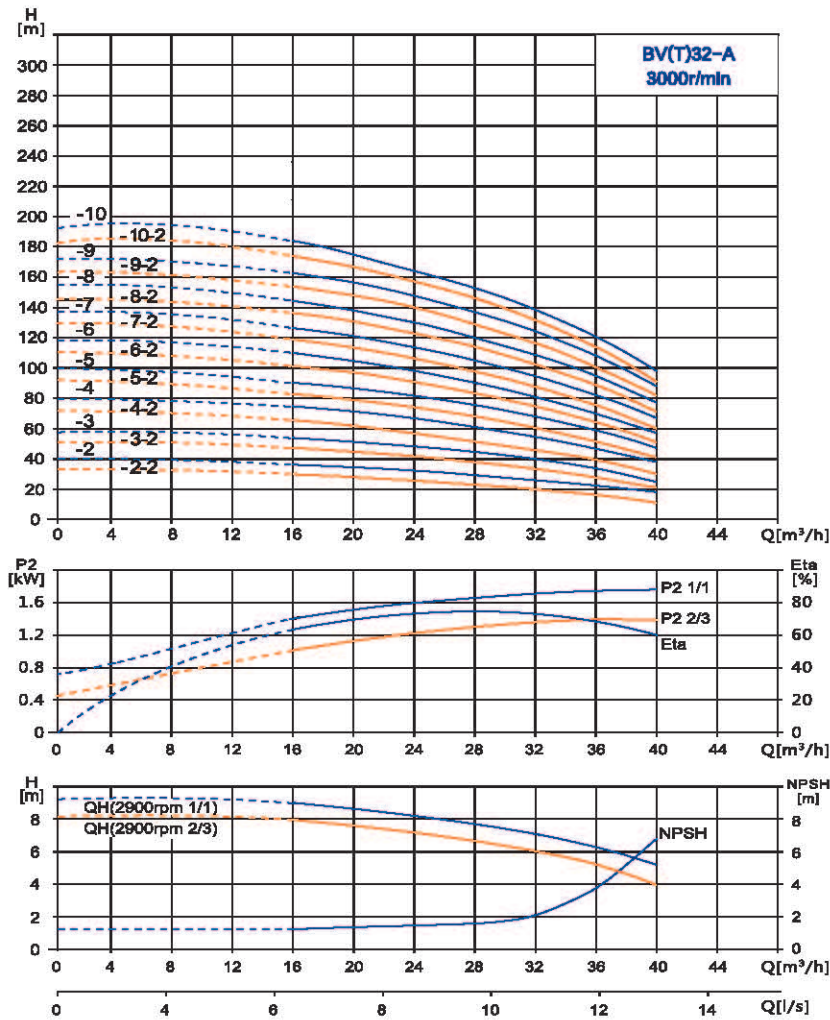
Model	Flow(m ³ /h)	Head(m)	Power(kw)	Maximum pressure(bar)
BV16-3A	16	34	3	4.1
BVT16-3A	16	34	3	4.1
BV16-4A	16	46	4	5.4
BVT16-4A	16	46	4	5.4
BV16-5A	16	58	5.5	6.8
BVT16-5A	16	58	5.5	6.8
BV16-6A	16	70	5.5	8.2
BVT16-6A	16	70	5.5	8.2
BV16-7A	16	82	7.5	9.6
BVT16-7A	16	82	7.5	9.6
BV16-8A	16	94	7.5	11
BVT16-8A	16	94	7.5	11
BV16-10A	16	118	11	13.8
BVT16-10A	16	118	11	13.8
BV16-12A	16	141	11	16.6
BVT16-12A	16	141	11	16.6
BV16-14A	16	166	15	19.4
BVT16-14A	16	166	15	19.4
BV16-16A	16	189	15	22.2
BVT16-16A	16	189	15	22.2

Performance curve



Model	Flow(m³/h)	Head(m)	Power(kw)	Maximum pressure(bar)
BV20-3A	20	35	4	3.9
BVT20-3A	20	35	4	3.9
BV20-4A	20	47	5.5	5.2
BVT20-4A	20	47	5.5	5.2
BV20-5A	20	58	5.5	6.4
BVT20-5A	20	58	5.5	6.4
BV20-6A	20	70	7.5	7.7
BVT20-6A	20	70	7.5	7.7
BV20-7A	20	82	7.5	9.1
BVT20-7A	20	82	7.5	9.1
BV20-8A	20	94	11	10.5
BVT20-8A	20	94	11	10.5
BV20-10A	20	118	11	13.1
BVT20-10A	20	118	11	13.1
BV20-12A	20	142	15	15.8
BVT20-12A	20	142	15	15.8
BV20-14A	20	166	15	18.5
BVT20-14A	20	166	15	18.5
BV20-17A	20	202	18.5	22.5
BVT20-17A	20	202	18.5	22.5

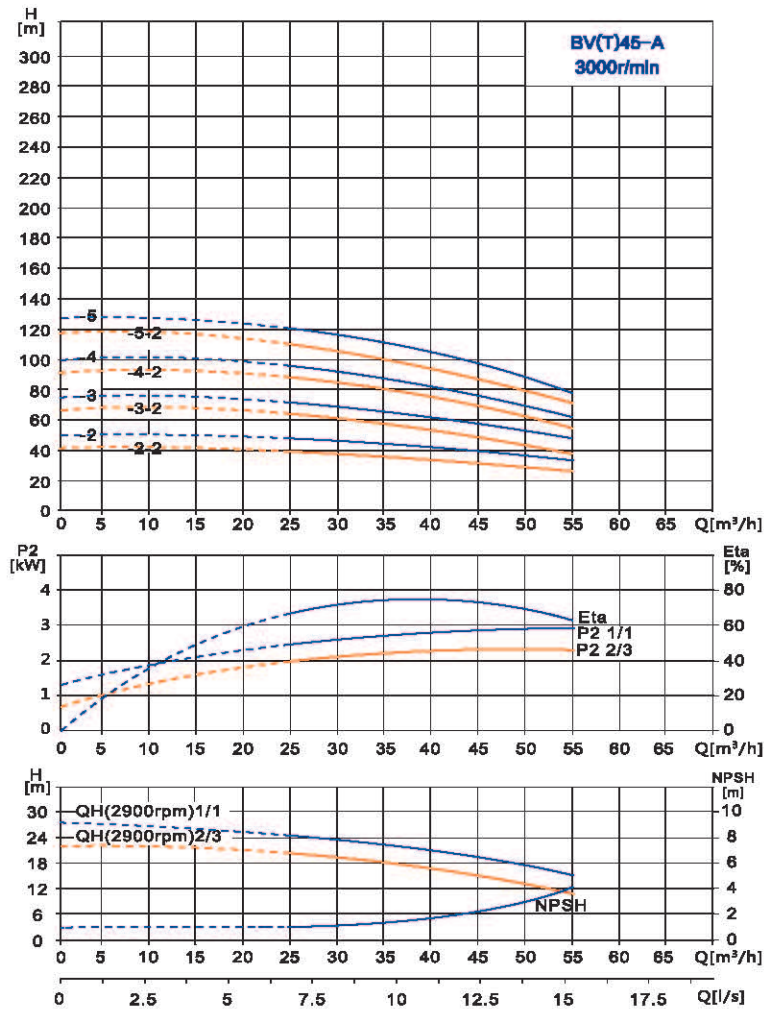
Performance curve



Model	Flow (m³/h)	Head (m)	Power (kW)	Maximum pressure (bar)
BV32-2-2A	32	20	3	2.9
BVT32-2-2A	32	20	3	2.9
BV32-2A	32	27	4	3.6
BVT32-2A	32	27	4	3.6
BV32-3-2A	32	33	5.5	4.7
BVT32-3-2A	32	33	5.5	4.7
BV32-3A	32	40	5.5	5.4
BVT32-3A	32	40	5.5	5.4
BV32-4-2A	32	46	7.5	6.5
BVT32-4-2A	32	46	7.5	6.5
BV32-4A	32	53	7.5	7.2
BVT32-4A	32	53	7.5	7.2
BV32-5-2A	32	60	11	8.3
BVT32-5-2A	32	60	11	8.3
BV32-5A	32	67	11	9
BVT32-5A	32	67	11	9
BV32-6-2A	32	74	11	10.1
BVT32-6-2A	32	74	11	10.1

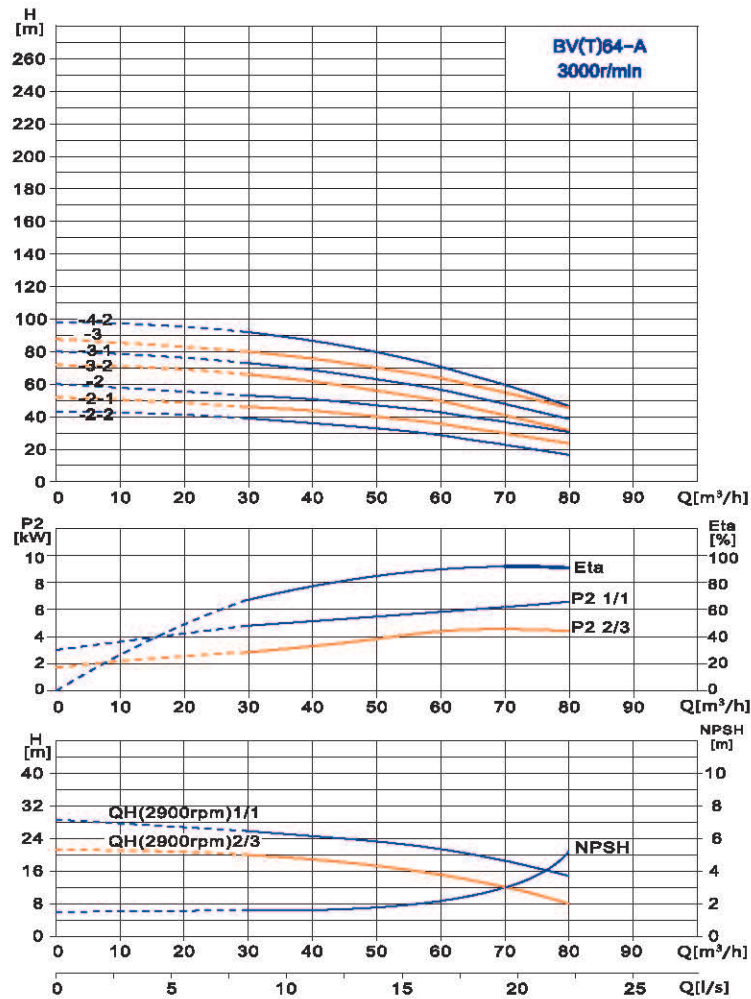
Model	Flow (m³/h)	Head (m)	Power (kW)	Maximum pressure (bar)
BV32-6A	32	81	11	10.8
BVT32-6A	32	81	11	10.8
BV32-7-2A	32	88	15	11.9
BVT32-7-2A	32	88	15	11.9
BV32-7A	32	95	15	12.6
BVT32-7A	32	95	15	12.6
BV32-8-2A	32	102	15	13.6
BVT32-8-2A	32	102	15	13.6
BV32-8A	32	109	15	14.4
BVT32-8A	32	109	15	14.4
BV32-9-2A	32	117	18.5	15.4
BVT32-9-2A	32	117	18.5	15.4
BV32-9A	32	124	18.5	16.2
BVT32-9A	32	124	18.5	16.2
BV32-10-2A	32	131	18.5	17.5
BVT32-10-2A	32	131	18.5	17.5
BV32-10A	32	138	18.5	18.2
BVT32-10A	32	138	18.5	18.2

Performance curve



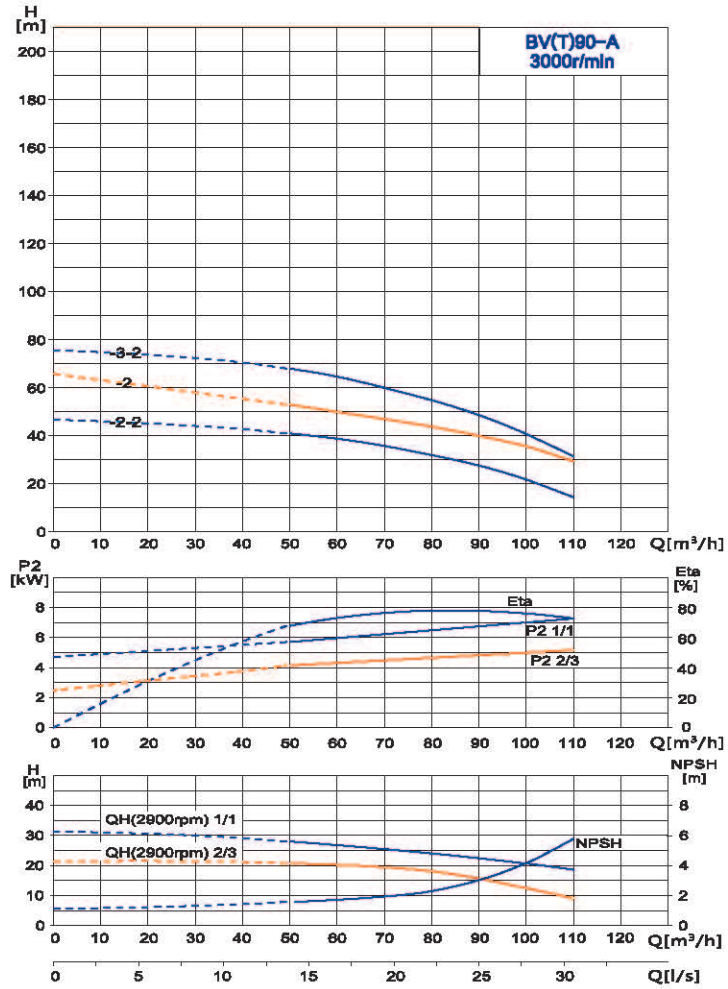
Model	Flow(m³/h)	Head(m)	Power(kw)	Maximum pressure(bar)
BV45-2-2A	45	30	5.5	4
BVT45-2-2A	45	30	5.5	4
BV45-2A	45	39	7.5	4.8
BVT45-2A	45	39	7.5	4.8
BV45-3-2A	45	50	11	6.3
BVT45-3-2A	45	50	11	6.3
BV45-3A	45	58	11	7.1
BVT45-3A	45	58	11	7.1
BV45-4-2A	45	69	15	8.7
BVT45-4-2A	45	69	15	8.7
BV45-4A	45	78	15	9.5
BVT45-4A	45	78	15	9.5
BV45-5-2A	45	88	18.5	11.1
BVT45-5-2A	45	88	18.5	11.1
BV45-5A	45	97	18.5	11.9
BVT45-5A	45	97	18.5	11.9

Performance curve



Model	Flow(m³/h)	Head(m)	Power(kw)	Maximum pressure(bar)
BV64-2-2A	64	26	7.5	3.9
BVT64-2-2A	64	26	7.5	3.9
BV64-2-1A	64	33	11	4.6
BVT64-2-1A	64	33	11	4.6
BV64-2A	64	40	11	5.3
BVT64-2A	64	40	11	5.3
BV64-3-2A	64	46	15	6.6
BVT64-3-2A	64	46	15	6.6
BV64-3-1A	64	53	15	7.3
BVT64-3-1A	64	53	15	7.3
BV64-3A	64	60	18.5	8
BVT64-3A	64	60	18.5	8
BV64-4-2A	64	66	18.5	9.2
BVT64-4-2A	64	66	18.5	9.2

Performance curve



Model	Flow(m ³ /h)	Head(m)	Power(kw)	Maximum pressure(bar)
BV90-2-2A	90	28	11	4.1
BVT90-2-2A	90	28	11	4.1
BV90-2A	90	40	15	5.3
BVT90-2A	90	40	15	5.3
BV90-3-2A	90	49	18.5	6.8
BVT90-3-2A	90	49	18.5	6.8

Packing Sizes & Weight

Model	Dim.(mm)(L*W*H)	BL G.W.(kg)	BLT G.W.(kg)
BV(T)2-26A	1150x390x320	66	70
BV(T)4-14A	1060x390x320	62	73
BV(T)4-16A	1110x390x320	64	76
BV(T)4-19A	1190x410x320	67	88
BV(T)4-22A	1270x410x320	69	92
BV(T)8-8A	1000x370x360	72	78
BV(T)8-10A	1060x400x420	76	89
BV(T)8-11A	1100x400x420	77	90
BV(T)8-12A	1160x410x420	86	100
BV(T)8-14A	1220x410x420	91	120
BV(T)8-16A	1280x410x420	94	123
BV(T)8-18A	1350x410x420	97	130
BV(T)8-20A	1410x410x420	100	133
BV(T)12-4A	900x380x360	64	75
BV(T)12-5A	900x380x360	66	76
BV(T)12-6A	950x380x360	67	85
BV(T)12-7A	1030x400x420	71	111
BV(T)12-8A	1030x400x420	73	113
BV(T)12-9A	1060x400x420	74	114
BV(T)12-10A	1100x400x420	77	120
BV(T)12-12A	1160x410x420	81	122
BV(T)12-14A	1370x500x500	112	131
BV(T)12-16A	1420x500x500	116	134
BV(T)12-18A	1490x500x500	120	137
BV(T)16-3A	900x380x360	68	75
BV(T)16-4A	950x380x360	69	84
BV(T)16-5A	1030x400x420	80	110
BV(T)16-6A	1060x400x420	82	113
BV(T)16-7A	1100x400x420	83	120
BV(T)16-8A	1160x410x420	84	121
BV(T)16-10A	1370x500x500	123	130
BV(T)16-12A	1460x500x500	127	134
BV(T)16-14A	1550x500x500	150	156
BV(T)16-16A	1640x500x500	155	160
BV(T)20-3A	900x380x360	67	83
BV(T)20-4A	950x380x360	78	109
BV(T)20-5A	1030x400x420	80	111
BV(T)20-6A	1060x400x420	81	118
BV(T)20-7A	1100x400x420	82	119

Packing Sizes & Weight

Model	Dim.(mm)(L*W*H)	BL G.W.(kg)	BLT G.W.(kg)
BV(T)20-8A	1280x500x500	118	126
BV(T)20-10A	1370x500x500	123	131
BV(T)20-12A	1460x500x500	144	152
BV(T)20-14A	1550x500x500	149	157
BV(T)20-17A	1710x500x500	154	162
BV(T)32-2-2A	1060x390x470	101	113
BV(T)32-2A	1060x390x470	101	113
BV(T)32-3-2A	1150x420x470	103	131
BV(T)32-3A	1150x420x470	103	131
BV(T)32-4-2A	1220x420x470	104	137
BV(T)32-4A	1220x420x470	104	137
BV(T)32-5-2A	1510x500x500	142	148
BV(T)32-5A	1510x500x500	142	148
BV(T)32-6-2A	1510x500x500	146	151
BV(T)32-6A	1510x500x500	146	151
BV(T)32-7-2A	1550x500x500	168	174
BV(T)32-7A	1550x500x500	168	174
BV(T)32-8-2A	1550x500x500	171	177
BV(T)32-8A	1550x500x500	171	177
BV(T)32-9-2A	1830x500x500	173	179
BV(T)32-9A	1830x500x500	173	179
BV(T)32-10-2A	1830x500x500	176	182
BV(T)32-10A	1830x500x500	176	182
BV(T)45-2-2A	1140x440x500	111	145
BV(T)45-2A	1140x440x500	111	145
BV(T)45-3-2A	1440x500x500	144	155
BV(T)45-3A	1440x500x500	144	155
BV(T)45-4-2A	1440x500x500	165	175
BV(T)45-4A	1440x500x500	165	175
BV(T)45-5-2A	1550x500x500	169	180
BV(T)45-5A	1550x500x500	169	180
BV(T)64-2-2A	1100x440x500	133	163
BV(T)64-2-1A	1440x500x500	150	153
BV(T)64-2A	1440x500x500	150	153
BV(T)64-3-2A	1510x520x520	171	174
BV(T)64-3-1A	1510x520x520	171	174
BV(T)64-3A	1490x520x520	169	172
BV(T)64-4-2A	1490x520x520	173	177
BV(T)90-2-2A	1440x500x500	151	163
BV(T)90-2A	1440x500x500	168	180
BV(T)90-3-2A	1490x520x520	171	182