

VERTICAL MULTISTAGE PUMPS

APPLICATIONS

- Boiler feed
- Circulation of hot and cold water for heating, cooling and conditioning systems
- Handling of water, free of suspended solids, in the civil, industrial and agricultural sector
- Irrigation systems
- Pressure boosting and water supply systems
- Wash down unit
- Water treatment plants

FEATURES

- All wetted parts in stainless steel (Inox version)
- Compact and solid structure
- Diffuser bushing made of graphite for durability against dry running (EV 30-45-65-95)
- Easy disassembly without any special tool
- Easy installation in-line ports
- Stainless steel impeller and diffuser for corrosion resistance
- Oversize ball bearing (bearing bracket) ensures motor-bearing long life and eliminates axial and other adjustments of moving parts
- WRAS certified PPS (EV 1-3-6-10-15-20) / PTFE (EV 30-45-65-95)
- Easy to replace floating neck rings guarantee long-lasting performance
- Removal of the mechanical seal without disassembling the pump; for models higher than 4 kW no need to dismantle the motor
- Replaceable stainless steel wear ring in the neck of the impeller
- Shaft bearing and journal sleeve made of tungsten carbide
- Standard mechanical seal (EN 12756 ex DIN 24960) WRAS certified; balanced version for EV 30-45-65-95
- Standard IE3 motor without oversize bearing, size B14 up to 4 kW / size B5 from 5.5 kW and above
- Tungsten carbide intermediate bearing to control and eliminate vibration and stabilize the rotor with a large number of stages

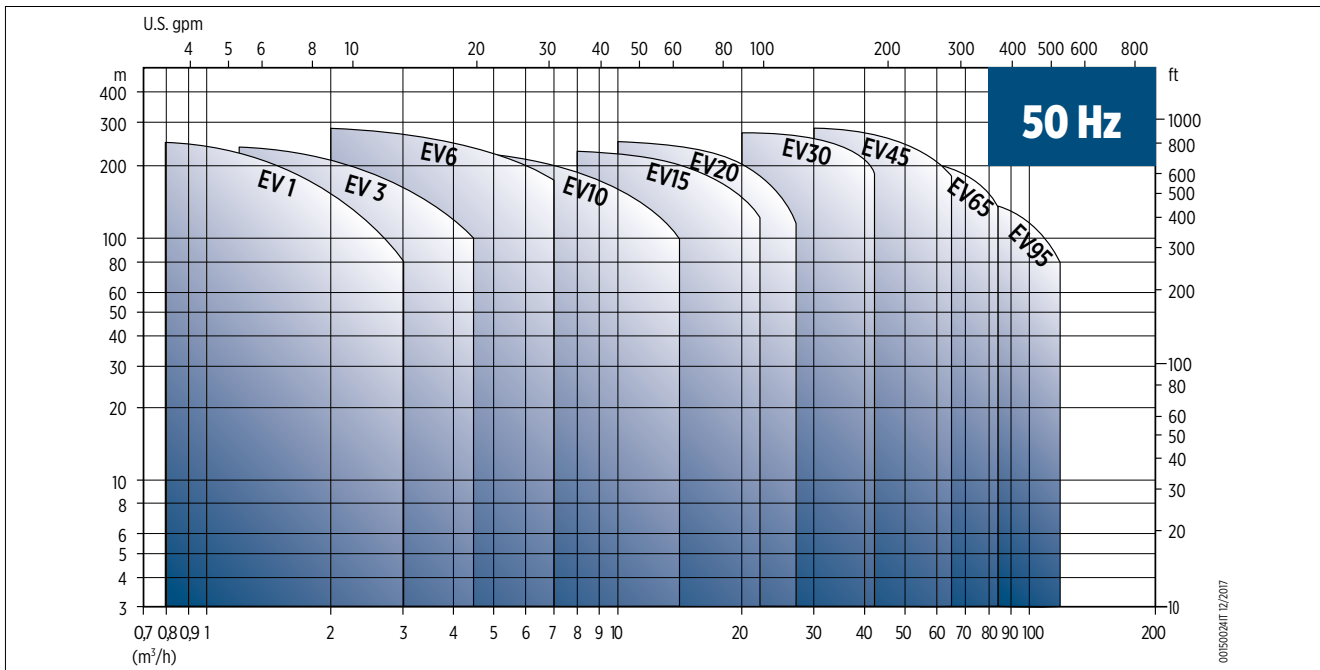
SPECIFICATIONS

- Flow: up to 120 m³/h at 50 Hz
- Head: up to 320 m at 50 Hz
- Direction of rotation: clockwise looking at the pump from the top
- Discharge and Suction port: Oval, Round flanges, Victaulic and Clamp connections
- Hydraulic characteristics are guaranteed, according to ISO Standard 9906:2012, grade 3B
- Liquid temperature range: from -15 °C to +120 °C
- Materials: suitable for handling potable water (materials approved according to WRAS, ACS)
- Maximum working pressure: Oval flange 16 Bar; Round Flange, Victaulic and Clamp connections 25 bar
- Motor powers from 0.37 to 45 kW at 50 Hz
- AISI 304 Standard for models EV 1-3-6-10-15-20

AVAILABLE ON REQUEST

- AISI 304 version for models EV 30-45-65-95
- Special materials for the mechanical seal, gaskets and elastomers
- Balanced mechanical seal EN 12756 for EV 1-3-6-10-15-20
- Oval counter flanges (EV 1-3-6-10-15-20)
- Round counter flanges

FAMILY CURVES



PUMP IDENTIFICATION CODE

EV 30 / 15 F G 015 E1

- If empty: pump without motor "IE..": motor efficiency class
- If empty: Std. version
- If empty: Std. version, "P": Passivated
- If empty: Std. version, "H": High pressure
- Type of mechanical seal and O-ring
- Mechanical seal: if empty: Std., "B": balanced
- Type of motor: if empty: "without motor", "T": three-phase, "M": single-phase
- No. of poles in motor: if empty: "2 poles", "4": 4 poles
- Frequency: if empty: 50 Hz; "6": 60 Hz
- Motor power: (kW x 10)
- Material: "G": cast iron/Inox; "I": AISI304 (EN 1.4301); "N": AISI316 (EN 1.4401)
- Flanges: "F": round; "T": oval; "V": Victaulic; "C": clamp
- Number of trimmed impellers, if empty: none
- Number of stages/impellers
- Nominal flow in m³/h
- Pump model

Version	Pump body/Hydraulics	EV 1	EV 3	EV 6	EV 10	EV 15	EV 20	EV 30	EV 45	EV 65	EV 95
I	AISI 304 / AISI 304	●	●	●	●	●	●	○	○	○	○
G	CAST IRON / AISI 304							●	●	●	●
N	AISI 316 / AISI 316	●	●	●	●	●	●	●	●	●	●

● = Std. version ○ = Available on request

Flange models	Maximum working pressure [bar]									
	EV 1	EV 3	EV 6	EV 10	EV 15	EV 20	EV 30	EV 45	EV 65	EV 95
T version	16	16	16	16	16	16				
F (PN25), V and C version	26	26	26	26	26	26				
F version (PN16)							16	16	16	16
F version (PN25/40)							40	40	25	25
Maximum inlet pressure (HT)	refer to the tables of hydraulic performance									

The Inlet pressure of the pump plus the pressure inside the pump must not exceed the maximum working pressure

TABLES OF HYDRAULIC PERFORMANCE AT 50 HZ

EV 1-3

Pump model	RATED POWER		Q = DELIVERY										
			H1	l/min 0	8.3	16.7	25.0	33.3	42	50.0	58.3	67	75.0
	[kW]	[HP]	Bar	m ³ /h 0	0.5	1	1.5	2	2.5	3	3.5	4	4.5
H = TOTAL HEAD - METERS COLUMN OF WATER [m]													
EV 1/2	0.37	0.5	20	14.5	13.5	12.5	11.5	9.5	7.5				
EV 1/3	0.37	0.5	20	21.5	20	19	17	14	11				
EV 1/4	0.37	0.5	20	28	26.5	24.5	22	18.5	14				
EV 1/5	0.37	0.5	20	35	33	30.5	27	22.5	17				
EV 1/6	0.37	0.5	20	41.5	39	36	32	26.5	19.5				
EV 1/7	0.37	0.5	20	48	45	41.5	36.5	30	22				
EV 1/8	0.55	0.75	20	55	52	48	42.5	35	26				
EV 1/9	0.55	0.75	20	61.5	58	53	47	39	28.5				
EV 1/10	0.55	0.75	20	68	64	58.5	51.5	43	31.5				
EV 1/11	0.55	0.75	20	74.5	69.5	64	56.5	46.5	34				
EV 1/12	0.75	1	20	83	78.5	72	64	53	39.5				
EV 1/13	0.75	1	20	89.5	84.5	77.5	68.5	57	42				
EV 1/14	0.75	1	20	96	90.5	83	73	60.5	44.5				
EV 1/15	0.75	1	20	102.5	96	88	78	64	47				
EV 1/17	1.1	1.5	20	118	111.5	103	91.5	76	56.5				
EV 1/19	1.1	1.5	20	131	123.5	114	101	84	62				
EV 1/22	1.1	1.5	20	150.5	141.5	130	115	95	69.5				
EV 1/23	1.5	2	20	160.5	152	140	124.5	104	77.5				
EV 1/25	1.5	2	20	174	164	151.5	134.5	112	83.5				
EV 1/27	1.5	2	20	187	176.5	162.5	144	120	88.5				
EV 1/30	1.5	2	20	206.5	194.5	179	158	131	96.5				
EV 1/32	2.2	3	20	224.5	213	197	175.5	147.5	110.5				
EV 1/34	2.2	3	20	238	225.5	208.5	185.5	155.5	116.5				
EV 1/37	2.2	3	20	258	244	225.5	200.5	167.5	125				
EV 3/2	0.37	0.5	20	15		15	14.5	13.5	12.5	11.5	10	8	6
EV 3/3	0.37	0.5	20	22.5		22	21	20	18.5	17	14.5	12	8.5
EV 3/4	0.37	0.5	20	30		28.5	27.5	26	24	21.5	18.5	15	10.5
EV 3/5	0.55	0.75	20	37.5		36	34.5	32.5	30	27	23.5	18.5	13
EV 3/6	0.55	0.75	20	44.5		42.5	40.5	38.5	35.5	32	27	21.5	15
EV 3/7	0.75	1	20	52.5		50.5	48.5	46	43	38.5	33	26.5	19
EV 3/8	0.75	1	20	59.5		57.5	55	52	48	43.5	37	29.5	21
EV 3/9	0.75	1	20	67		64	61.5	58	53.5	48	41	32.5	22.5
EV 3/10	1.1	1.5	20	75		72.5	70	66.5	61.5	55.5	48	38.5	27.5
EV 3/11	1.1	1.5	20	82.5		79.5	76.5	72.5	67	60.5	52	42	29.5
EV 3/12	1.1	1.5	20	89.5		86	83	78.5	72.5	65	56	45	31.5
EV 3/13	1.1	1.5	20	96.5		93	89	84.5	78	70	60	47.5	33.5
EV 3/14	1.5	2	20	105.5		102	98.5	93.5	86.5	78	67.5	54.5	39.5
EV 3/15	1.5	2	20	112.5		109	105	99.5	92.5	83	71.5	58	41.5
EV 3/16	1.5	2	20	120		115.5	111.5	105.5	98	88	76	61	43.5
EV 3/17	1.5	2	20	127		122.5	118	111.5	103.5	93	80	64	45.5
EV 3/18	2.2	3	20	136.5		132.5	128	121.5	113.5	102.5	89	72.5	53
EV 3/19	2.2	3	20	144		139.5	134.5	128	119	107.5	93.5	76	55.5
EV 3/21	2.2	3	20	158.5		153.5	148	140.5	130.5	118	102	83	60
EV 3/23	2.2	3	20	173		167.5	161.5	153	142	128	110.5	89.5	64.5
EV 3/25	2.2	3	20	187.5		181	174.5	165.5	153.5	138	119	96	68.5
EV 3/27	3	4	20	205.5		199.5	193	184	171.5	155	135	110.5	81
EV 3/29	3	4	20	220		213.5	206.5	196.5	183.5	166	144	117.5	86
EV 3/31	3	4	20	235		228	220.5	209.5	195	176.5	153	124.5	91
EV 3/33	3	4	20	249.5		242	234	222	206.5	187	162	131.5	95.5

EV 6-10

Pump model	RATED POWER		Q = DELIVERY															
			H1	1/min 0	42	50.0	58.3	67	75.0	83.3	90	100.0	116.7	133	150.0	166.7	183	233.3
	[kW]	[HP]	Bar	m ³ /h 0	2.5	3	3.5	4	4.5	5	5.4	6	7	8	9	10	11	14
			H = TOTAL HEAD - METERS COLUMN OF WATER [m]															
EV 6/2	0.37	0.5	20	15	14	13.5	13	12.5	12	11.5	11	10	8					
EV 6/3	0.37	0.5	20	22.5	20.5	19.5	19	18	17	16	15.5	14	11					
EV 6/4	0.55	0.75	20	29.5	27	26	25	24	22.5	21.5	20.5	18.5	14.5					
EV 6/5	0.75	1	20	37.5	34.5	33.5	32	30.5	29	27.5	26	24	19					
EV 6/6	0.75	1	20	44.5	41	39.5	37.5	36	34	32.5	30.5	28	22					
EV 6/7	1.1	1.5	20	52.5	49	47	45	43	41	39	37	34	27					
EV 6/8	1.1	1.5	20	59.5	55	53.5	51	48.5	46.5	44	42	38.5	30.5					
EV 6/9	1.1	1.5	20	67	61.5	59	56.5	54	51.5	48.5	46	42.5	33.5					
EV 6/10	1.5	2	20	75	70	67.5	65	62	59	56	53.5	49	39					
EV 6/11	1.5	2	20	82.5	76.5	73.5	71	67.5	64.5	61	58	53.5	42.5					
EV 6/12	1.5	2	20	89.5	83	80	76.5	73	69.5	65.5	62.5	57.5	45.5					
EV 6/13	1.5	2	20	97	89	86	82	78.5	74.5	70.5	67	61.5	48.5					
EV 6/14	2.2	3	20	105.5	99	95.5	92	88	83.5	79.5	76	70	56					
EV 6/15	2.2	3	20	113	105.5	102	98	93.5	89	84.5	80.5	74	59.5					
EV 6/16	2.2	3	20	120.5	112	108	104	99	94.5	89.5	85.5	78.5	62.5					
EV 6/17	2.2	3	20	127.5	118.5	114.5	109.5	105	99.5	94.5	90	83	66					
EV 6/18	2.2	3	20	135	125	120.5	115.5	110.5	105	99.5	94.5	87	69					
EV 6/19	2.2	3	20	142	131.5	126.5	121.5	115.5	110	104	99	91	72					
EV 6/20	3	4	20	152	142.5	138	133	127	121	115	110	101.5	82					
EV 6/21	3	4	20	159	149.5	144.5	139	133	127	120.5	115	106	85.5					
EV 6/23	3	4	20	174	163	157.5	151.5	144.5	138	131	125	115	92.5					
EV 6/25	3	4	20	189	175.5	170	164	157.5	150.5	142.5	135.5	123.5	98.5					
EV 6/28	4	5.5	20	214	200.5	194.5	188	181	173.5	164.5	156.5	143	115.5					
EV 6/30	4	5.5	20	229	214	207.5	200.5	193	184.5	175.5	167	152.5	122.5					
EV 6/33	4	5.5	20	251.5	234.5	227	219.5	211	201.5	191	182	166	133.5					
EV 6/36	5.5	7.5	20	275	257.5	249.5	241.5	232.5	222.5	211.5	201.5	184	148.5					
EV 10/2	0.75	1	20	20								18.5	17.5	17	16	15	13.5	9
EV 10/3	1.1	1.5	20	30								27.5	26.5	25.5	24	22.5	20.5	13.5
EV 10/4	1.5	2	20	40.5								37	35.5	34	32.5	30.5	28	18
EV 10/5	1.5	2	20	50.5								45.5	43.5	41.5	39.5	37	33.5	21.5
EV 10/6	2.2	3	20	61								56	54	51.5	49	46	42	27.5
EV 10/7	2.2	3	20	70.5								64.5	62	59.5	56	52.5	48	31
EV 10/8	3	4	20	81.5								75.5	73	70	66.5	62.5	57.5	38
EV 10/9	3	4	20	91.5								84.5	81.5	78	74	69.5	64	42
EV 10/10	4	5.5	20	102.5								96	93	89	84.5	79.5	73.5	49
EV 10/11	4	5.5	20	113								105	101.5	97.5	92.5	87	80.5	53.5
EV 10/12	4	5.5	20	123								114	110	105.5	100.5	94	87	57.5
EV 10/13	4	5.5	20	133								123	118.5	113.5	108	101	93.5	61.5
EV 10/15	5.5	7.5	20	153.5								142.5	138	132	125.5	118	109	72
EV 10/17	5.5	7.5	20	173.5								160.5	155	148.5	141	132.5	122	80.5
EV 10/19	7.5	10	20	195								182	176	169	160.5	151	139.5	93
EV 10/21	7.5	10	20	215.5								200	193.5	185.5	176.5	166	153	101.5
EV 10/23	7.5	10	20	235.5								218.5	211	202	192	180.5	166.5	110
EV 10/24	11	15	20	248								234	227	218	208	196	182	122.5

EV 15-20

Pump model	RATED POWER		Q = DELIVERY												
			H1	l/min 0	133	167	200	233	266	300	333	367	400	433.5	466.5
	[kW]	[HP]	Bar	m ³ /h 0	8	10	12	14	16	18	20	22	24	26	28
			H = TOTAL HEAD METERS COLUMN OF WATER [m]												
EV 15/1	1.1	1.5	20	14.5	13	12.5	12	11.5	10.5	9.5	8.5	7	5.5		
EV 15/2	2.2	3	20	29	26	25	24	23	21.5	19.5	17	14	11		
EV 15/3	3	4	20	43.5	39	38	36.5	34.5	32.5	29.5	26	21.5	17		
EV 15/4	4	5.5	20	58	52.5	51	49	46.5	44	40.5	35.5	29.5	23.5		
EV 15/5	4	5.5	20	72.5	65.5	63.5	60.5	57.5	54.5	49.5	43	36	28.5		
EV 15/6	5.5	7.5	20	87.5	79.5	77	74	71	67	61.5	54	46	36.5		
EV 15/7	5.5	7.5	20	102	92	89	86	82	77.5	70.5	62	52.5	41.5		
EV 15/8	7.5	10	20	117	106.5	103	99.5	95	90	82.5	72.5	62	49		
EV 15/9	7.5	10	20	131.5	119	115.5	111	106	100.5	92	81	69	54.5		
EV 15/10	11	15	20	147.5	134.5	131	126.5	121	115	106	94	80.5	65		
EV 15/11	11	15	20	162	148	143.5	139	133	126.5	116.5	103	88.5	71		
EV 15/12	11	15	20	176.5	161	156.5	151	144.5	137.5	126.5	112	96	77		
EV 15/13	11	15	20	191	174.5	169	163.5	156.5	148.5	136.5	120.5	103	82.5		
EV 15/14	11	15	20	205.5	187.5	182	175.5	168	159	146	129	110.5	88		
EV 15/15	15	20	20	221	201	195.5	188.5	180.5	171.5	157.5	139.5	119.5	95.5		
EV 15/16	15	20	20	235.5	214	208	200.5	192	182.5	167.5	148	126.5	101.5		
EV 15/17	15	20	20	249.5	227.5	220.5	213	203.5	193	177.5	156.5	134	107		
EV 20/1	1.1	1.5	20	15.5		13.5	13	13	12.5	12	11	10	8.5	7.5	6
EV 20/2	2.2	3	20	31		27.5	27	26	25	24	22.5	20.5	18	15	12
EV 20/3	3	4	20	46.5		41.5	40.5	39.5	38	36.5	34.5	31	27.5	23	18.5
EV 20/4	4	5.5	20	62.5		56	55	53.5	51.5	49.5	46.5	42.5	37	31.5	25.5
EV 20/5	5.5	7.5	20	78		70	68.5	66.5	64.5	62	58	53	47	40	32.5
EV 20/6	7.5	10	20	94.5		86.5	84.5	82.5	80	77.5	73.5	67.5	60	52	42.5
EV 20/7	7.5	10	20	110		100.5	98	95.5	93	90	85	77.5	69	59.5	48.5
EV 20/8	11	15	20	126.5		117	114	112	109	106	100.5	92.5	82.5	72	59.5
EV 20/9	11	15	20	142.5		131	128	125.5	122	118.5	112.5	103.5	92.5	80.5	66.5
EV 20/10	11	15	20	158		145.5	142	139	135	131.5	124.5	114	102	88.5	73
EV 20/11	15	20	20	174		160	156.5	153	149	144.5	137	126	113	98	81
EV 20/12	15	20	20	189.5		174.5	170.5	167	162	157.5	149	137	122.5	106.5	87.5
EV 20/13	15	20	20	205		188.5	184	180	175	170	161	147.5	132	114.5	94
EV 20/14	15	20	20	220.5		202.5	198	193.5	188	182.5	172.5	158	141	122	100.5
EV 20/15	18.5	25	20	237		217.5	212.5	208	202	196	185.5	170.5	152	132	108.5
EV 20/16	18.5	25	20	252.5		231.5	226	221	215	208.5	197	181	161.5	140	115
EV 20/17	18.5	25	20	268		245.5	240	234.5	227.5	221	209	191.5	171	148	121.5

EV 30-45

Pump model	RATED POWER		Q = DELIVERY									
			H1	l/min 0	417	500	583	667	750	900	1000	1083
	[kW]	[HP]	Bar	m ³ /h 0	25	30	35	40	45	54	60	65
	H = TOTAL HEAD METERS COLUMN OF WATER											
EV 30/1	2.2	3	20	24	19	17.5	16	13.5	11			
EV 30/2-2A	4	5.5	20	36	29.5	26.5	22.5	18	12.5			
EV 30/2-1A	4	5.5	20	42	34	31.5	27.5	23	18			
EV 30/2	5.5	7.5	20	48.5	39.5	36.5	33.5	29	23.5			
EV 30/3-2A	5.5	7.5	20	60	48	44	38	31.5	23.5			
EV 30/3-1A	7.5	10	20	66.5	54	50	45	38	30			
EV 30/3	7.5	10	20	73	59	55	50	43.5	35.5			
EV 30/4-2A	7.5	10	20	84.5	68	62	55	46	35			
EV 30/4-1A	11	15	20	91.5	75.5	70	63	54.5	43.5			
EV 30/4	11	15	20	98	80.5	75	69	60	49.5			
EV 30/5-2A	11	15	20	109.5	89.5	83	74	63	49.5			
EV 30/5-1A	11	15	10	115.5	94.5	88	79.5	68.5	55			
EV 30/5	15	20	11	122.5	100	93.5	85.5	75	61.5			
EV 30/6-2A	15	20	11	134	109.5	101.5	91	78	61.5			
EV 30/6-1A	15	20	12	140	114.5	106.5	96.5	83.5	67			
EV 30/6	15	20	13	146.5	119.5	111.5	102	89	73			
EV 30/7-2A	15	20	13	158	128.5	119	107	91.5	72.5			
EV 30/7-1A	15	20	14	164	133.5	124	112.5	97	78			
EV 30/7	18.5	25	15	171	139.5	130	119	103.5	85			
EV 30/8-2A	18.5	25	15	182.5	148.5	137.5	124	106	84.5			
EV 30/8-1A	18.5	25	15	188.5	153.5	142.5	129.5	111.5	90			
EV 30/8	18.5	25	15	194.5	158.5	147.5	134.5	117	95.5			
EV 30/9-2A	22	30	17	208.5	171	159	144	124.5	100.5			
EV 30/9-1A	22	30	17	214.5	176.5	164.5	150	130	106			
EV 30/9	22	30	20	221	181.5	169.5	155.5	136	112			
EV 30/10-2A	22	30	20	233	191	177.5	161	139	112			
EV 30/10-1A	22	30	20	239	196	182.5	166.5	144.5	117.5			
EV 30/10	30	40	20	246.5	203.5	190.5	175	153.5	126.5			
EV 30/11-2A	30	40	20	258	213	198.5	180.5	156.5	127			
EV 30/11-1A	30	40	20	264.5	218	204	186	162	133			
EV 30/11	30	40	20	271	223.5	209	192	168	138.5			
EV 30/12-2A	30	40	20	282.5	233	217	197.5	171	139			
EV 30/12-1A	30	40	20	289	238	222.5	203	177	145			
EV 30/12	30	40	20	295	243	227.5	208.5	182.5	150.5			
EV 30/13-2A	30	40	20	307	252.5	235.5	214	185.5	151			
EV 30/13-1A	30	40	20	313	258	240.5	220	191.5	156.5			
EV 30/13	30	40	20	319.5	263	246	225.5	197	162.5			
EV 45/1-1A	3	4	20	19			16.5	15.5	14.5	11.5	9.5	7.5
EV 45/1	4	5.5	20	24.5			21.5	21	19.5	17	15.5	13.5
EV 45/2-2A	5.5	7.5	20	38.5			33	31	28.5	23	18.5	14.5
EV 45/2	7.5	10	20	48.5			43	41.5	39	34	30.5	26.5
EV 45/3-2A	11	15	20	63			56	53.5	50	42	36	30
EV 45/3	11	15	20	73.5			65.5	63	60	52.5	47	41
EV 45/4-2A	15	20	8	87.5			77.5	74	69.5	59.5	51	43
EV 45/4	15	20	11	97.5			86.5	84	79.5	69.5	62	54.5
EV 45/5-2A	18.5	25	11	112			99	94.5	89	76.5	66	56
EV 45/5	18.5	25	14	122			108	104.5	99	86.5	77	67.5
EV 45/6-2A	22	30	14	137.5			122	117.5	110.5	95.5	83.5	72
EV 45/6	22	30	17	147.5			131.5	127	121	106	95	83.5
EV 45/7-2A	30	40	17	162.5			145	139.5	132	115	101	87.5
EV 45/7	30	40	20	172.5			154.5	149.5	142.5	125.5	112	99
EV 45/8-2A	30	40	20	187			167	160.5	152	132	116.5	101
EV 45/8	30	40	20	197			176.5	170.5	162.5	142.5	127.5	112.5
EV 45/9-2A	37	50	20	211.5			188.5	181.5	172	149.5	132	114.5
EV 45/9	37	50	20	221.5			198	191.5	182	160	143	126
EV 45/10-2A	37	50	20	235.5			210	202	191.5	166.5	147	127.5
EV 45/10	37	50	20	246			219	212	201.5	177	158	139
EV 45/11-2A	45	60	20	261			233	224.5	213	186	164.5	143.5
EV 45/11	45	60	20	271			242.5	234.5	223.5	196.5	175.5	155
EV 45/12-2A	45	60	20	285.5			254.5	245.5	232.5	203	179.5	156.5
EV 45/12	45	60	20	295.5			264	255.5	243	213.5	191	168.5
EV 45/13-2A	45	60	20	309.5			276	266	252.5	220.5	195	170

EV 65-95

Pump model	RATED POWER		Q = DELIVERY													
			H1	l/min 0	500	600	700	750	900	1000	1200	1300	1417	1600	1800	1967
	[kW]	[HP]	Bar	m ³ /h 0	30	36	42	45	54	60	72	78	85	96	108	118
			H = TOTAL HEAD - METERS COLUMN OF WATER													
EV 65/1-1A	4	5.5	20	19.5	19	18.5	18	17.5	16.5	15.5	12.5	11	9			
EV 65/1	5.5	7.5	20	28	25	24.5	24	23.5	22.5	22	20	18.5	16.5			
EV 65/2-2A	7.5	10	20	39	37.5	36.5	35.5	35	33	31	25	22	17.5			
EV 65/2-1A	11	15	20	48	44.5	43.5	42.5	42	40	38.5	34	31	26.5			
EV 65/2	11	15	20	56.5	51	49.5	48.5	48	46	45	41	38.5	34.5			
EV 65/3-2A	15	20	20	67.5	63.5	62	60.5	59.5	56.5	54	46.5	42	35.5			
EV 65/3-1A	15	20	20	76	69.5	68	66.5	65.5	62.5	60.5	53.5	49.5	43			
EV 65/3	18.5	25	20	84.5	76	74	72.5	71.5	69	67	61.5	57.5	51.5			
EV 65/4-2A	18.5	25	20	95.5	88.5	86	84	83	79	75.5	66	60.5	52			
EV 65/4-1A	22	30	20	105	96	93.5	91.5	90.5	87	84	75.5	70	62			
EV 65/4	22	30	20	113.5	102.5	100	97.5	96.5	92.5	90.5	83	78	70			
EV 65/5-2A	30	40	20	125	116	113	110.5	109	104.5	101	90	83	72.5			
EV 65/5-1A	30	40	20	133.5	122.5	119	116.5	115	110.5	107.5	97.5	90.5	80.5			
EV 65/5	30	40	20	142	129	125.5	122.5	121	116.5	114	105	98.5	88.5			
EV 65/6-2A	30	40	20	153	141.5	137.5	134.5	133	127.5	123	110	102	89.5			
EV 65/6-1A	37	50	20	162	148	144	141	139	133.5	129.5	117.5	109.5	97.5			
EV 65/6	37	50	20	170	154	150	147	145	139.5	136	125	117.5	105.5			
EV 65/7-2A	37	50	20	181.5	166.5	162.5	158.5	156.5	150	145	130.5	120.5	106.5			
EV 65/7-1A	37	50	20	189.5	173	168.5	164.5	162.5	156	151.5	138	128.5	114.5			
EV 65/7	45	60	20	199	180.5	175.5	172	169.5	163.5	159.5	147	138	124			
EV 65/8-2A	45	60	20	210	193	188	184	181.5	174	168.5	152	141.5	125			
EV 65/8-1A	45	60	20	218.5	199.5	194	190	187.5	180	175	159.5	149	133			
EV 65/8	45	60	20	227	206	200	196	193.5	186	181.5	167	157	141			
EV 95/1-1A	5.5	7.5	20	22				21	20.5	20	19	17.5	16.5	13.5	10	6.5
EV 95/1	7.5	10	20	30.5				27.5	26	25.5	24	23.5	22	20	17	13.5
EV 95/2-2A	11	15	20	44.5				43	42	41	38.5	36.5	34	28.5	21.5	15
EV 95/2	15	20	20	62				55.5	53	51.5	49	47.5	45	41	35	28.5
EV 95/3-2A	18.5	25	20	75.5				70.5	68	66.5	62.5	59.5	56	48.5	38.5	28.5
EV 95/3	22	30	20	93.5				84	80.5	78	74	72	69	62.5	53.5	44
EV 95/4-2A	30	40	20	108				100	97	94.5	89	85.5	81	71.5	59	46
EV 95/4	30	40	20	125.5				112.5	108	105	99.5	96.5	92.5	84	72	60
EV 95/5-2A	37	50	20	139				127.5	123.5	120	113.5	109	103.5	92	76	60
EV 95/5	37	50	20	156				140	134.5	130.5	123.5	120	114.5	104.5	89	74
EV 95/6-2A	45	60	20	170.5				156	150.5	146.5	138.5	134	127	113.5	94.5	75.5
EV 95/6	45	60	20	188				169	161.5	157	149	144.5	138.5	126	108	89.5