

VERTICAL MULTI STAGE CENTRIFUGAL PUMPS



**QUARTZ
SERIES**

EVOL QUARTZ SERIES



VERTICAL MULTI STAGE CENTRIFUGAL PUMPS

EVOL Quartz (QZ) series vertical multi-stage centrifugal pump is a non-self priming pump, driven by a standard electric motor. The motor output shaft directly connects with the pump shaft through a coupling. The pressure resistance cylinder and flow passage components are fixed between pump head and inlet & outlet section with stay bolts. The inlet and outlet are located at same plane of pump bottom. This kind of pump can be equipped with an intelligent protector to effectively prevent it from dry-running, out of phase and overload.

Our EVOL Quartz (QZ) series pump can be used to transfer various type of fluids including tap water and industrial fluid at different pressure, temperature and flow rate. It is also suitable to transfer slightly corrosive liquid.



Wide range of applications:

- **Water supply:** Water filter & transport in water works, boosting of main pipeline, boosting in high-rise buildings
- **Industrial boosting:** Process flow water system, cleaning system, high-pressure washing system, fire-fighting system
- **Industrial liquid conveying:** Cooling & air-conditioning system, boiler water supplier & condensing system, machine-associated purpose, acids and alkali
- **Water treatment:** Ultra-filtration system, reverse osmosis system, distillation system, separator, swimming pool
- **Irrigation:** Farmland irrigation, spray irrigation, dripping irrigation

Motor

- Full-enclosed air-blast two-pole standard motor

Protection class	IP55
Insulation class	F
Standard voltage (50 Hz)	1 × 220-230/240 V
	3 × 200-220/346-380 V
	3 × 220-240/380-415 V
	3 × 380-415 V

Operation condition

Thin, clean, non-flammable and non-explosive liquid containing no solid granules and fibers

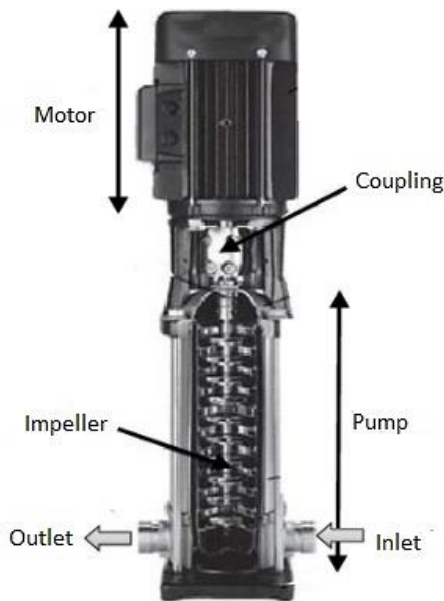
Liquid temperature:

- Normal temperature type: -15 °C to +70 °C
- Hot water type: -15 °C to +120 °C

Ambient temperature: up to +40 °C

Altitude: up to 1000m

WORKING PRINCIPLES

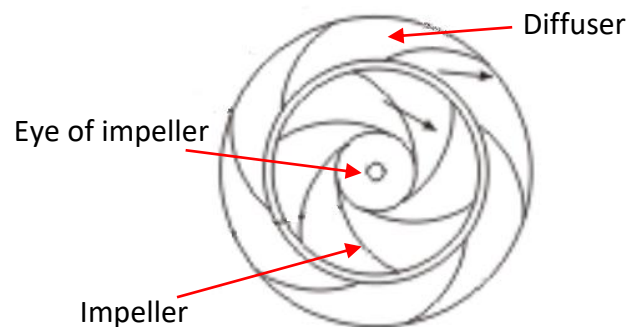


A centrifugal pump has an induction motor mounted at the top of the pump. A shaft is connected between the motor and pump while impellers are mounted on the shaft. The multiple impellers of a multistage centrifugal pump are all installed and rotated on the same shaft, and essentially act like separate pumps. When the motor starts to function, it rotates the shaft which in turn rotates the impellers inside the pump. This process converts the rotational energy from the motor to kinetic energy of the moving fluid under the act of the centrifugal force.

During operation of the centrifugal pump, fluid enters continuously through the suction nozzle and flows into the eye of the impeller. The rotation of the impeller creates centrifugal force which directs the fluid along the impeller vane and pushes the fluid to the outer tip of the impeller vane where it enters the stage diffuser.

The diffusers are a type of cutwater which direct the fluid into the suction eye of the next impeller. This process continues until the fluid has passed through each impeller stage. The fluid is then directed out the pump casing through a final diffuser and into the pump discharge.

Each stage that the fluid passes through increases the discharge pressure.



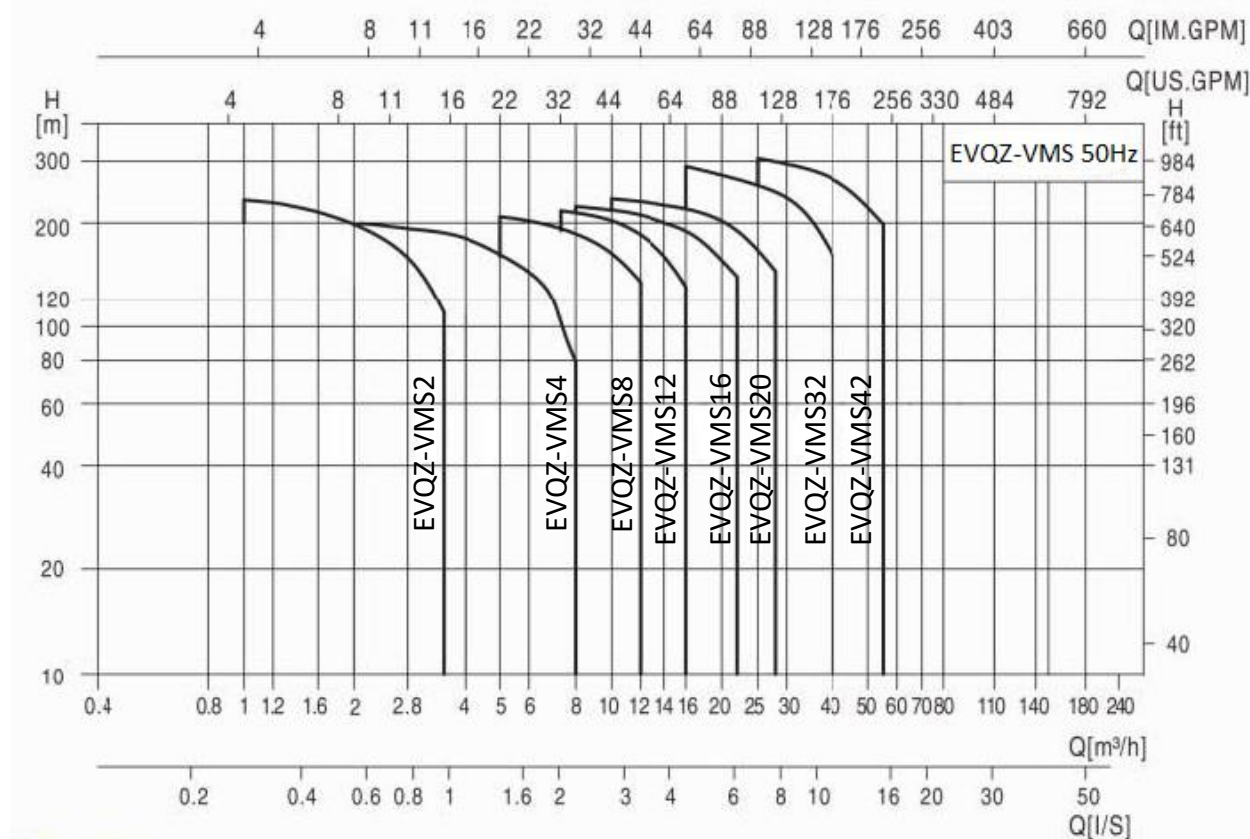
PRODUCT SPECIFICATION



Specification

Description	EVQZ-VMS2	EVQZ-VMS4	EVQZ-VMS8	EVQZ-VMS12	EVQZ-VMS16	EVQZ-VMS20	EVQZ-VMS32	EVQZ-VMS42
Rate flow (m3/h)	2	4	8	12	16	20	32	42
Flow range (m3/h)	1.0-3.5	1.5-7.0	5.0-12.0	7.0-16.0	8.0-22.0	10.0-28.0	16.0-40.0	25.0-55.0
Max. pressure (bar)	23	21	21	22	22	23	29	30
Motor power (kW)	0.37-3.00	0.37-4.00	0.75-7.50	1.50-11.00	2.20-15.00	1.10-18.50	1.50-30.00	3.00-45.00
Temperature range (°C)	-15 to +120							
Max. efficiency (%)	46	57	62	63	66	69	73	75
Pipe connection								
DIN flange	DN25	DN32	DN40	DN50	DN50	DN50	DN65	DN80
Cutting ferrule joint	DN32	DN32	DN50	DN50	DN50	DN50		
Pipe thread	ZG1 $\frac{1}{4}$	ZG1 $\frac{1}{4}$	ZG2	ZG2	ZG2	ZG2		

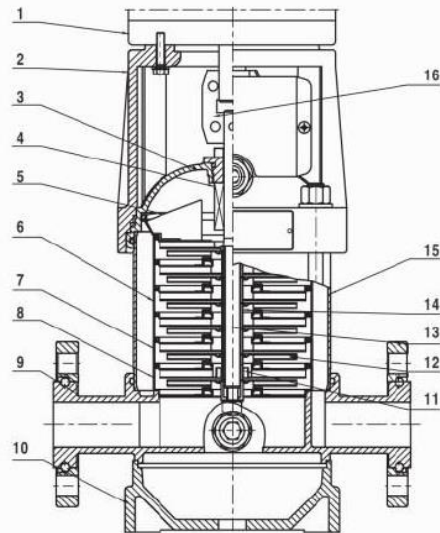
Performance Scope



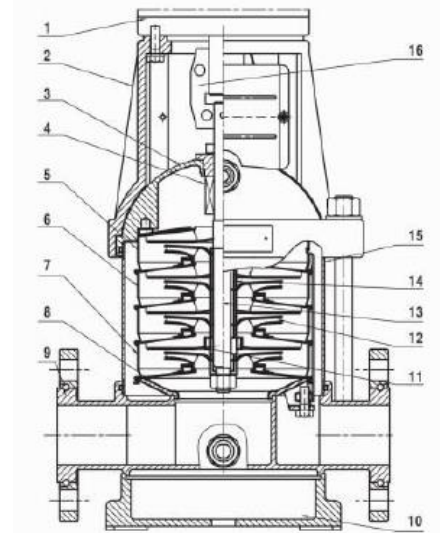
MODEL DESIGN & MATERIALS



EVQZ-VMS2, 4

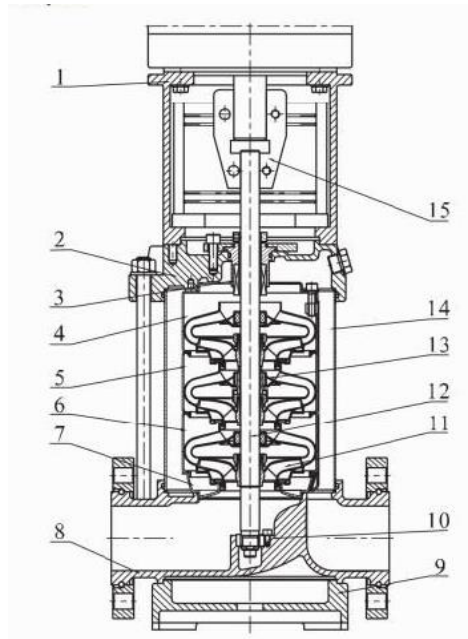


EVQZ-VMS8, 12, 16, 20



Materials

No	Parts	Material	AISI/ASTM
1	Motor		
2	Pump head	Cast iron/ Stainless steel 304/316	ASTM25B
3	Seal base	Stainless steel	
4	Mechanical seal		
5	Top diffuser	Cast iron/ Stainless steel 304/316	AISI304
6	Diffuser	Cast iron/ Stainless steel 304/316	AISI304
7	Support diffuser	Cast iron/ Stainless steel 304/316	AISI304
8	Inducer	Cast iron/ Stainless steel 304/316	AISI304
9	Inlet and outlet chamber	Cast iron/ Stainless steel 304/316	AISI304
10	Base plate	Cast iron	ASTM25B
11	Bearing	Tungsten carbide	
12	Impeller	Cast iron/ Stainless steel 304/316	AISI304
13	Shaft	Cast iron/ Stainless steel 304/316	AISI304 AISI316L
14	Impeller sleeve	Stainless steel	AISI304
15	Cylinder	Stainless steel	AISI304
16	Coupling	Carbon steel	

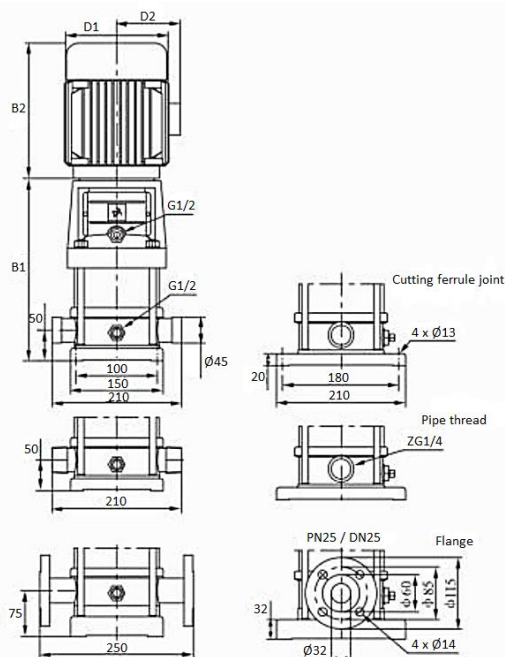


Materials

No	Parts	Material	AISI/ASTM
1	Bracket	Cast iron	ASTM25B
2	Pump head	Cast iron/ Stainless steel 304/316	AISI304
3	Mechanical seal		
4	Top diffuser	Cast iron/ Stainless steel 304/316	AISI304
5	Support diffuser	Cast iron/ Stainless steel 304/316	AISI304
6	Diffuser	Cast iron/ Stainless steel 304/316	AISI304
7	Inducer	Cast iron/ Stainless steel 304/316	AISI304
8	Inlet and outlet chamber	Cast iron/ Stainless steel 304/316	ASTM25B
9	Base plate	Cast iron	ASTM25B
10	Bottom bearing	Tungsten carbide	
11	Impeller	Cast iron/ Stainless steel 304/316	AISI304
12	Shaft	Cast iron/ Stainless steel 304/316	AISI316L AISI304 AISI431
13	Intermediate bearing	Tungsten carbide	
14	Cylinder	Stainless steel	AISI304
15	Coupling	Carbon steel	
	Rubber parts	NBR	

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Pump solutions

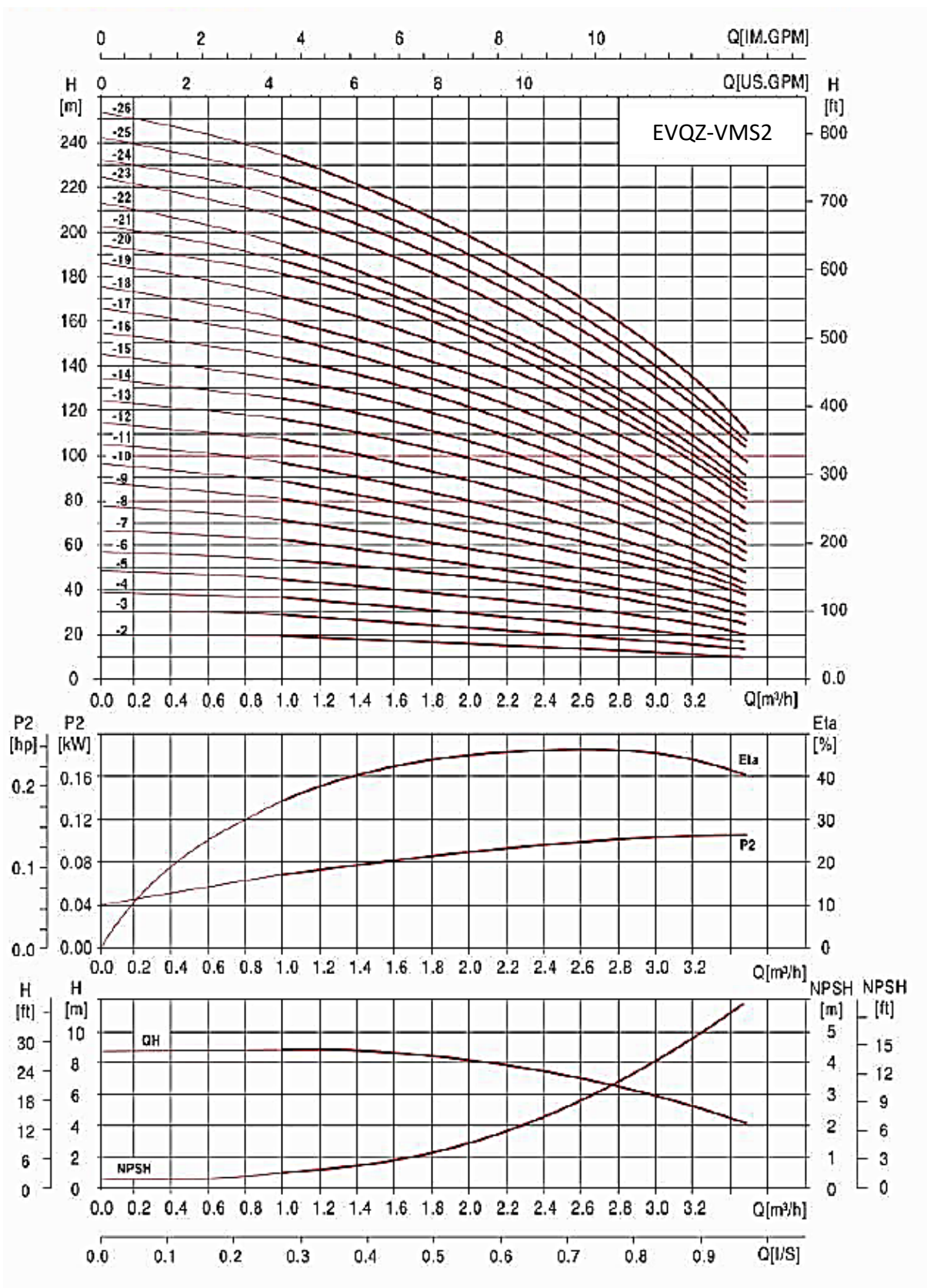
Size & Weight



Model	Size (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
EVQZ-VMS2-2	258	225	483	148	117	20
EVQZ-VMS2-3	276	225	501	148	117	20
EVQZ-VMS2-4	294	225	519	148	117	22
EVQZ-VMS2-5	312	225	537	148	117	23
EVQZ-VMS2-6	340	245	585	170	142	26
EVQZ-VMS2-7	358	245	603	170	142	26
EVQZ-VMS2-9	394	245	639	170	142	28
EVQZ-VMS2-11	430	245	675	170	142	29
EVQZ-VMS2-13	476	290	766	190	155	35
EVQZ-VMS2-15	512	290	802	190	155	36
EVQZ-VMS2-18	566	290	856	190	155	41
EVQZ-VMS2-22	638	290	928	190	155	42
EVQZ-VMS2-26	720	345	1065	197	165	52

Model	Driving Motor		Q (m³/h)	1	1.2	1.6	2.0	2.4	2.8	3.2	3.5
	(kW)	(hP)									
EVQZ-VMS2-2	0.37	0.5	H (m)	18	17	16	15	13	12	10	8
EVQZ-VMS2-3	0.37	0.5		27	26	24	22	20	18	15	12
EVQZ-VMS2-4	0.55	0.75		36	35	33	30	26	24	20	16
EVQZ-VMS2-5	0.55	0.75		45	43	40	37	33	30	24	20
EVQZ-VMS2-6	0.75	1		53	52	50	45	40	36	30	24
EVQZ-VMS2-7	0.75	1		63	61	57	52	47	41	35	28
EVQZ-VMS2-9	1.1	1.5		80	78	73	67	61	54	45	37
EVQZ-VMS2-11	1.1	1.5		98	95	89	82	73	64	54	44
EVQZ-VMS2-13	1.5	2		116	114	106	98	89	78	64	52
EVQZ-VMS2-15	1.5	2		134	130	123	112	100	90	73	60
EVQZ-VMS2-18	2.2	3		161	157	148	136	121	108	91	76
EVQZ-VMS2-22	2.2	3		197	192	180	165	148	130	110	90
EVQZ-VMS2-26	3.0	4		232	228	214	198	179	158	130	110

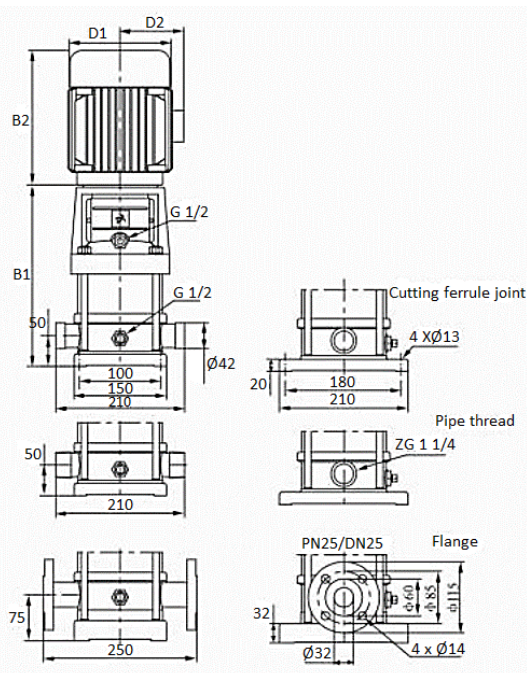
Performance curve



MODEL SPECIFICATIONS: EVQZ-VMS4



Dimension



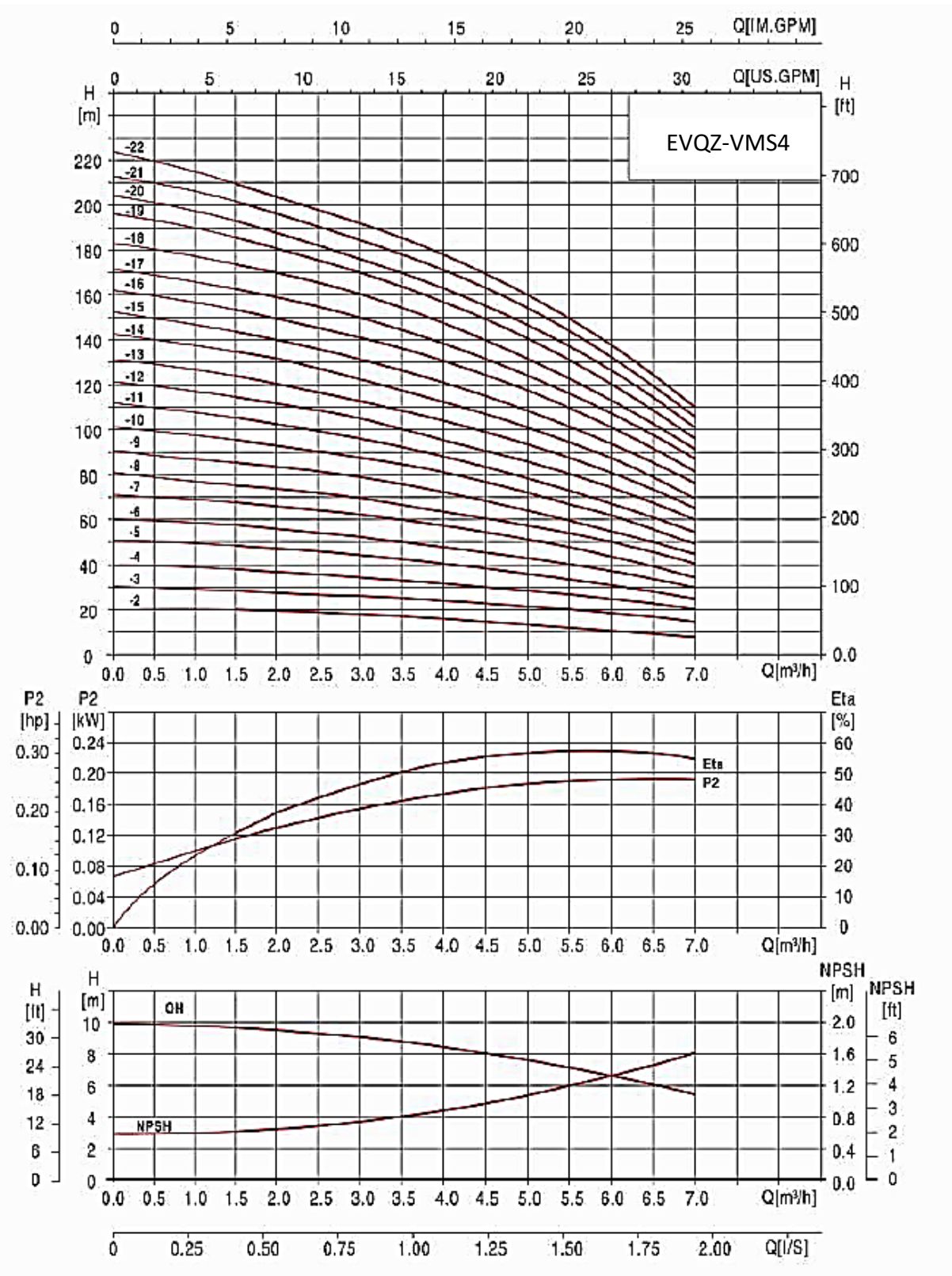
Size & Weight

Model	Size (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
EVQZ-VMS4-2	276	225	501	148	117	21
EVQZ-VMS4-3	303	225	528	148	117	22
EVQZ-VMS4-4	340	245	585	170	142	25
EVQZ-VMS4-5	367	245	612	170	142	27
EVQZ-VMS4-6	394	245	639	170	142	27
EVQZ-VMS4-7	431	290	721	190	155	33
EVQZ-VMS4-8	458	290	748	190	155	33
EVQZ-VMS4-10	512	290	802	190	155	37
EVQZ-VMS4-12	566	290	856	190	155	38
EVQZ-VMS4-14	630	345	975	197	165	46
EVQZ-VMS4-16	684	345	1029	197	165	48
EVQZ-VMS4-19	765	355	1120	230	188	57
EVQZ-VMS4-22	846	355	1201	230	188	59

Performance table

Model	Driving Motor		Q (m ³ /h)	1.5	2.0	3.0	4.0	5.0	6.0	7.0
	(kW)	(hP)								
EVQZ-VMS4-2	0.37	0.5	H (m)	19	18	17	15	13	10	8
EVQZ-VMS4-3	0.55	0.75		28	27	26	24	20	18	13
EVQZ-VMS4-4	0.75	1		38	36	34	32	27	24	19
EVQZ-VMS4-5	1.1	1.5		47	45	43	40	34	31	23
EVQZ-VMS4-6	1.1	1.5		56	54	52	48	41	37	28
EVQZ-VMS4-7	1.5	2		66	63	61	56	48	43	33
EVQZ-VMS4-8	1.5	2		74	72	70	64	55	50	38
EVQZ-VMS4-10	2.2	3		96	90	87	81	71	62	48
EVQZ-VMS4-12	2.2	3		114	108	104	95	85	75	58
EVQZ-VMS4-14	3.0	4		136	126	122	112	101	89	68
EVQZ-VMS4-16	3.0	4		152	144	140	129	115	101	78
EVQZ-VMS4-19	4.0	5.5		183	171	168	153	137	122	93
EVQZ-VMS4-22	4.0	5.5		211	200	192	178	160	138	108

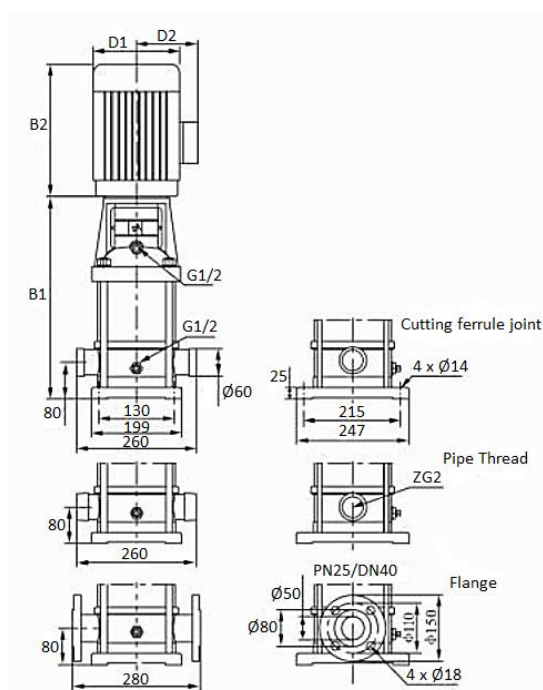
Performance curve



MODEL SPECIFICATIONS: EVQZ-VMS8



Dimension



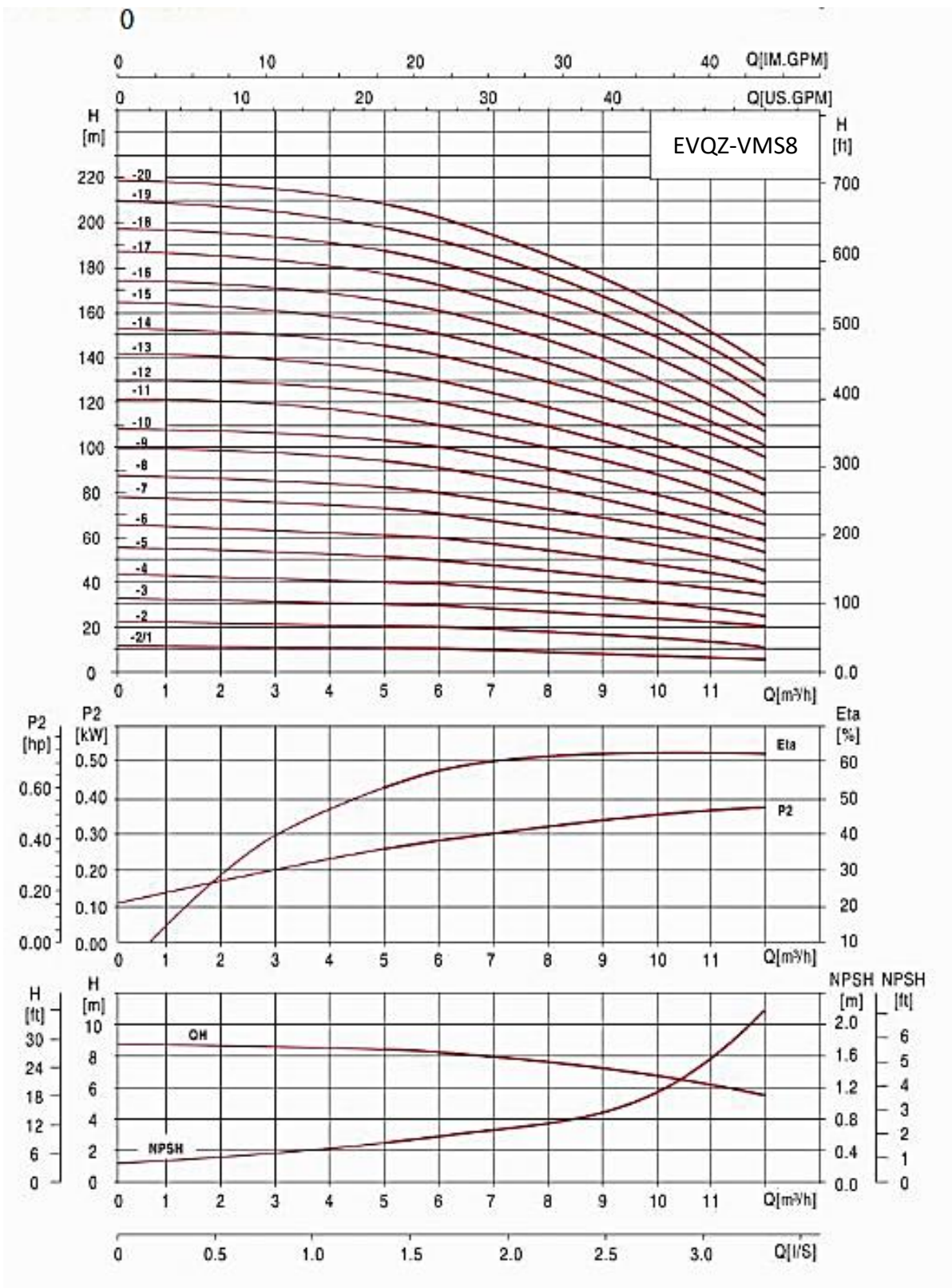
Size & Weight

Model	Size (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
EVQZ-VMS8-2/1	347	245	592	170	142	32
EVQZ-VMS8-2	347	245	592	170	142	32
EVQZ-VMS8-3	377	245	622	170	142	34
EVQZ-VMS8-4	417	290	707	190	155	40
EVQZ-VMS8-5	447	290	737	190	155	44
EVQZ-VMS8-6	477	290	767	190	155	45
EVQZ-VMS8-8	547	345	892	197	165	53
EVQZ-VMS8-10	607	355	962	230	188	64
EVQZ-VMS8-12	667	355	1022	230	188	66
EVQZ-VMS8-14	747	390	1137	260	208	81
EVQZ-VMS8-16	807	390	1197	260	208	84
EVQZ-VMS8-18	867	390	1257	260	208	93
EVQZ-VMS8-20	927	390	1317	260	208	94

Performance table

Model	Driving Motor		Q (m ³ /h)	5	6	7	8	9	10	11	12
	(kW)	(hP)									
EVQZ-VMS8-2/1	0.75	1	H (m)	10	9.5	9.3	9	8.5	8	7	6
EVQZ-VMS8-2	0.75	1		20	19.5	19	18	17	16	14	13
EVQZ-VMS8-3	1.1	1.5		30	29.5	28.5	27	25	24	21	19
EVQZ-VMS8-4	1.5	2		41	39.5	38	36	34	32	28	26
EVQZ-VMS8-5	2.2	3		52	50	48	45	42	40	36	32
EVQZ-VMS8-6	2.2	3		62	60	57	54	51	48	43	37
EVQZ-VMS8-8	3.0	4		83	80	77	73	69	65	58	52
EVQZ-VMS8-10	4.0	5.5		104	100	97	92	87	81	73	65
EVQZ-VMS8-12	4.0	5.5		124	120	116	111	104	92	87	78
EVQZ-VMS8-14	5.5	7.5		145	141	136	130	122	113	102	92
EVQZ-VMS8-16	5.5	7.5		166	161	156	148	139	130	118	106
EVQZ-VMS8-18	7.5	10		187	182	175	167	157	146	134	120
EVQZ-VMS8-20	7.5	10		208	202	195	186	175	163	150	135

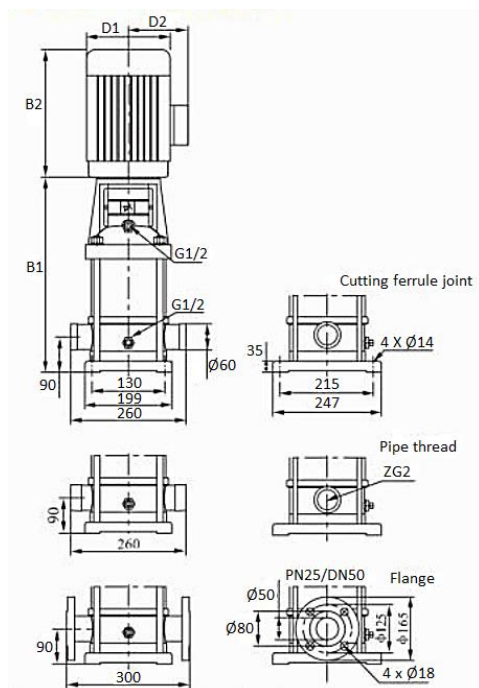
Performance curve



MODEL SPECIFICATIONS: EVQZ-VMS12



Dimension



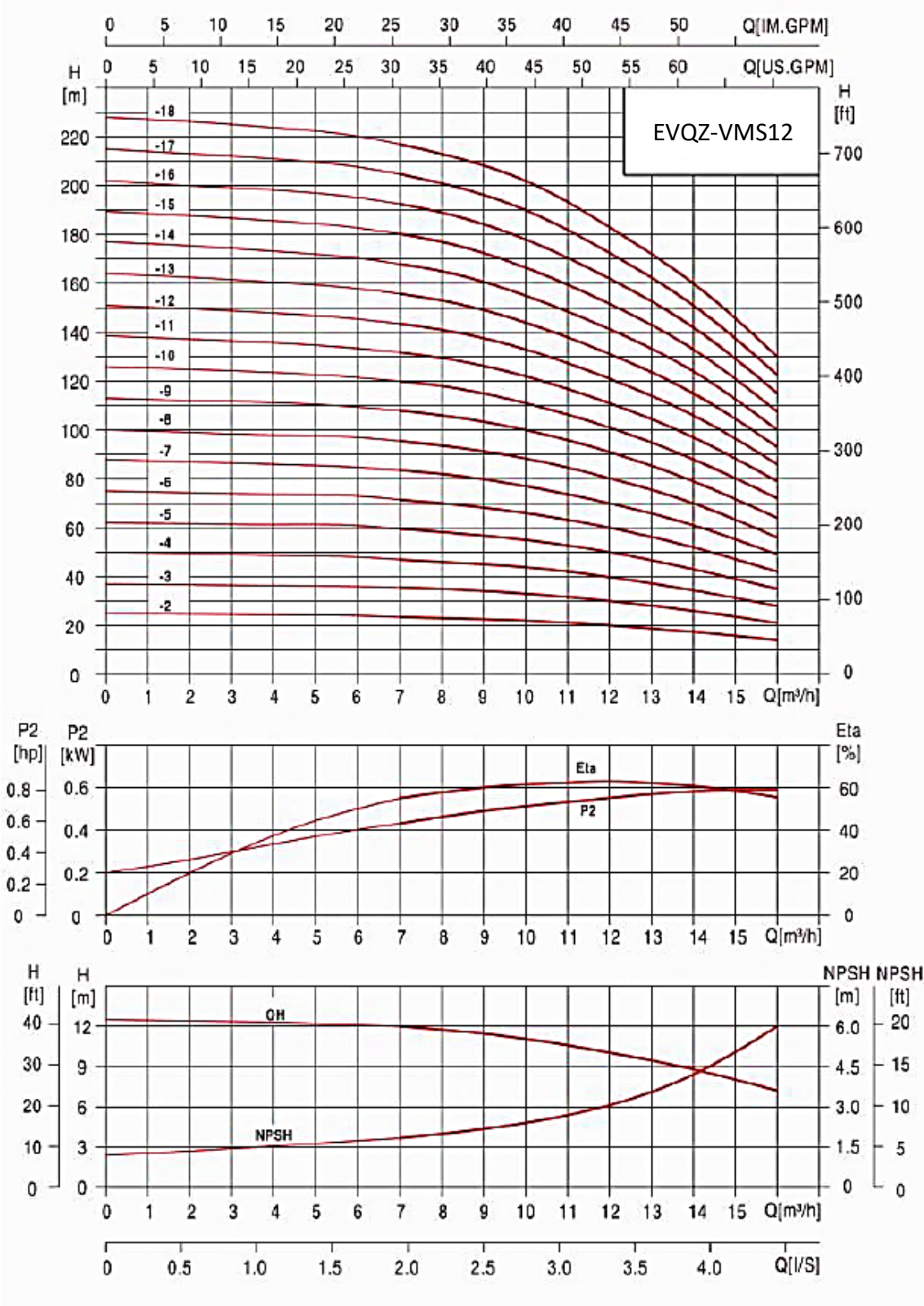
Size & Weight

Model	Size (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
EVQZ-VMS12-2	367	290	657	190	155	39
EVQZ-VMS12-3	397	290	687	190	155	43
EVQZ-VMS12-4	437	345	782	197	165	51
EVQZ-VMS12-5	467	345	812	197	165	53
EVQZ-VMS12-6	497	355	852	230	188	61
EVQZ-VMS12-7	547	390	937	260	208	73
EVQZ-VMS12-8	577	390	967	260	208	74
EVQZ-VMS12-9	607	390	997	260	208	76
EVQZ-VMS12-10	637	390	1027	260	208	83
EVQZ-VMS12-12	697	390	1087	260	208	87
EVQZ-VMS12-14	845	500	1345	330	255	157
EVQZ-VMS12-16	905	500	1405	330	255	161
EVQZ-VMS12-18	965	500	1465	330	255	164

Performance table

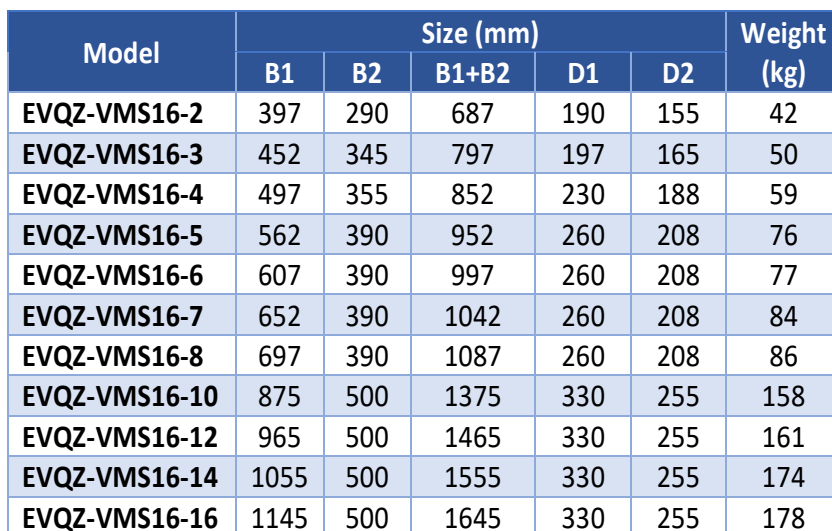
Model	Driving Motor		Q (m³/h)	7	8	9	10	11	12	13	14	15	16
	(kW)	(hP)											
EVQZ-VMS12-2	1.5	2	H (m)	23.5	23	22.5	22	21	20	18.5	17	15.5	14
EVQZ-VMS12-3	2.2	3		35.5	35	34	33	31.5	30	28	26	23.5	21
EVQZ-VMS12-4	3	4		47	46	45	44	42	40	37	34	31	28
EVQZ-VMS12-5	3	4		59.5	58	56.5	55	52.5	50	46.5	43	39	35
EVQZ-VMS12-6	4	5.5		71.5	70	68	66	63	60	56	52	47	42
EVQZ-VMS12-7	5.5	7.5		83.5	82	79.5	77	73.5	70	65.5	61	55	49
EVQZ-VMS12-8	5.5	7.5		95.5	94	91	88	84	80	75	70	63	56
EVQZ-VMS12-9	5.5	7.5		108	106	103	100	95.5	91	85	79	71.5	64
EVQZ-VMS12-10	7.5	10		120	118	114.5	111	106	101	94.5	88	80	72
EVQZ-VMS12-12	7.5	10		143.5	141	137	133	127	121	113.5	106	96	86
EVQZ-VMS12-14	11	15		168	165	160	155	148	141	132.5	124	112	100
EVQZ-VMS12-16	11	15		192.5	189	183.5	178	170	162	152	142	128.5	115
EVQZ-VMS12-18	11	15		217	213	207.5	202	192.5	183	171.5	160	145	130

Performance curve



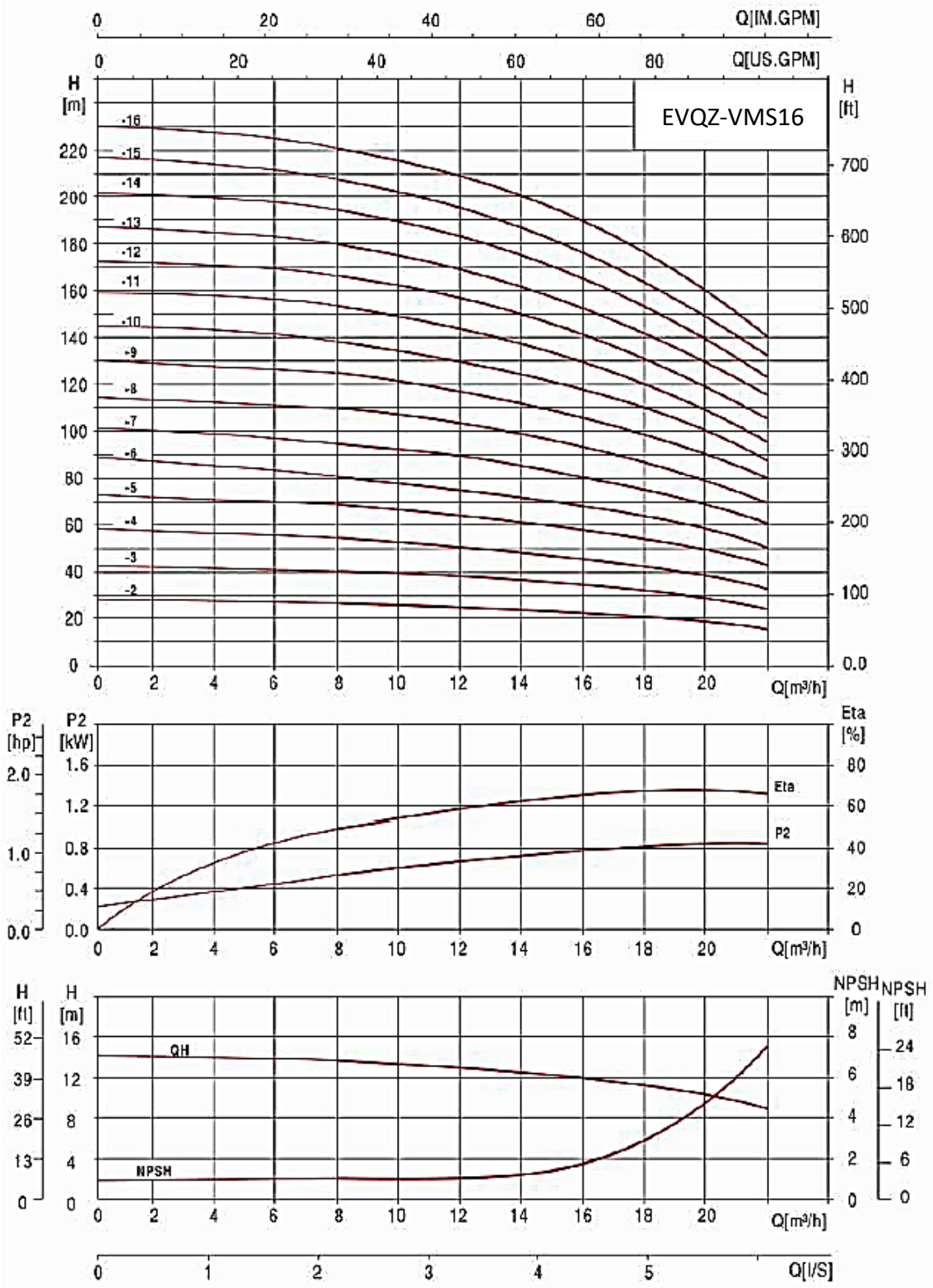
EVOL
Pump solutions

Size & Weight



Model	Driving Motor		Q (m³/h)	8	10	12	14	16	18	20	22
	(kW)	(hP)									
EVQZ-VMS16-2	2.2	3	H (m)	27	26	25	24	22	21	19	16
EVQZ-VMS16-3	3.0	4		41	40	38	37	34	32	29	25
EVQZ-VMS16-4	4.0	5.5		54	53	52	49	46	43	38	34
EVQZ-VMS16-5	5.5	7.5		68	67	65	62	58	54	48	43
EVQZ-VMS16-6	5.5	7.5		82	80	78	74	70	64	58	52
EVQZ-VMS16-7	7.5	10		96	95	91	87	82	76	68	61
EVQZ-VMS16-8	7.5	10		110	108	104	99	94	86	77	70
EVQZ-VMS16-10	11	15		138	136	131	125	118	109	97	87
EVQZ-VMS16-12	11	15		166	162	157	150	141	130	116	105
EVQZ-VMS16-14	15	20		194	190	184	175	166	152	136	122
EVQZ-VMS16-16	15	20		222	217	210	200	189	174	156	140

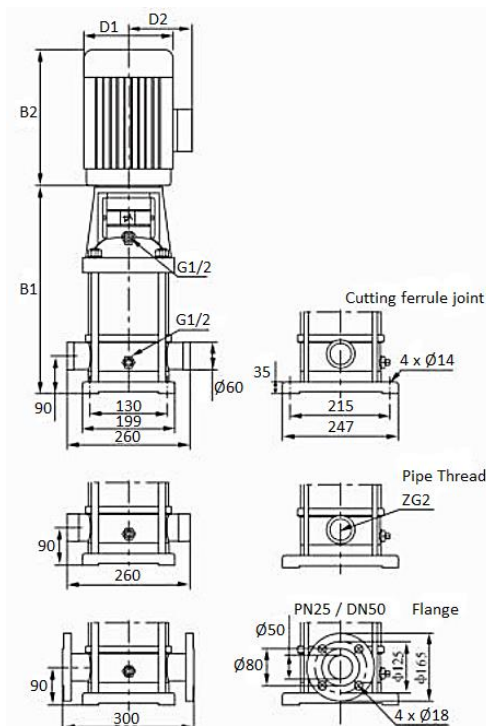
Performance curve



MODEL SPECIFICATIONS: EVQZ-VMS20



Dimension



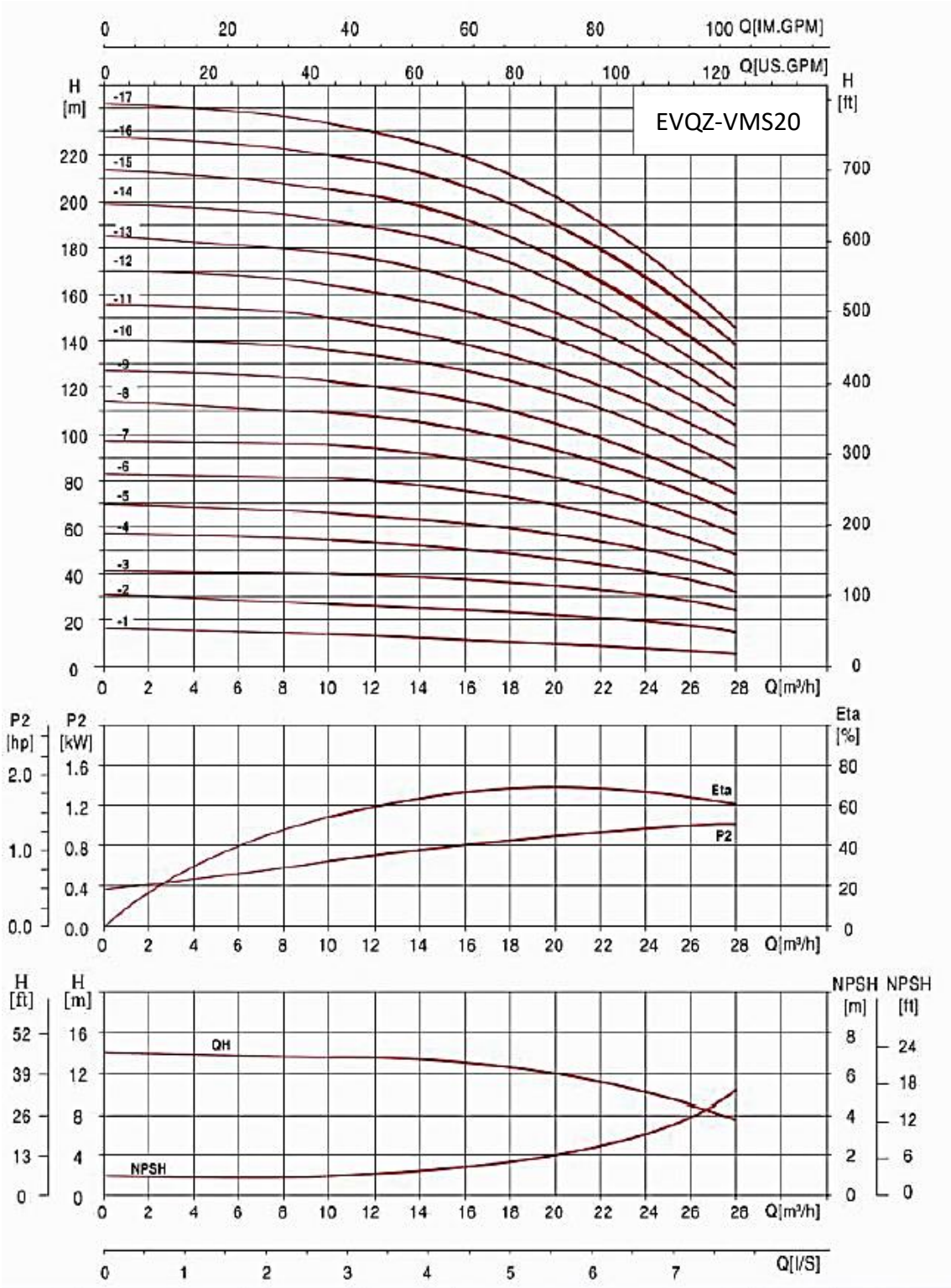
Size & Weight

Model	Size (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
EVQZ-VMS20-1	387	245	632	170	142	33
EVQZ-VMS20-2	397	290	687	190	155	42
EVQZ-VMS20-3	452	355	807	230	188	58
EVQZ-VMS20-4	517	390	907	260	208	74
EVQZ-VMS20-5	562	390	952	260	208	76
EVQZ-VMS20-6	607	390	997	260	208	82
EVQZ-VMS20-7	652	390	1042	260	208	84
EVQZ-VMS20-8	785	500	1285	330	255	153
EVQZ-VMS20-10	875	500	1375	330	255	157
EVQZ-VMS20-12	965	500	1465	330	255	170
EVQZ-VMS20-14	1055	500	1555	330	255	172
EVQZ-VMS20-17	1190	550	1740	330	255	195

Performance table

Model	Driving Motor (kW)	Q (m³/h)	10	12	14	16	18	20	22	24	26	28
EVQZ-VMS20-1	1.1	H (m)	13.5	13	12.5	12	11	10	9	8	7	6
EVQZ-VMS20-2	2.2		27	26.5	26	25	24	23	22	20	18	15
EVQZ-VMS20-3	4.0		40	39.5	39	38	37	35	33	30	27	24
EVQZ-VMS20-4	5.5		54	53	52	51	49	47	44	41	37	33
EVQZ-VMS20-5	5.5		67	66	64	62	60	58	55	50	45	40
EVQZ-VMS20-6	7.5		81	79	77	75	73	70	66	61	55	49
EVQZ-VMS20-7	7.5		95	93	91	89	86	82	77	71	65	58
EVQZ-VMS20-8	11		109	107	105	102	99	94	89	82	75	67
EVQZ-VMS20-10	11		136	134	131	128	124	118	111	103	95	85
EVQZ-VMS20-12	15		164	162	158	154	149	142	133	124	114	102
EVQZ-VMS20-14	15		192	189	185	180	174	166	156	145	133	119
EVQZ-VMS20-17	18.5		234	230	225	219	212	202	190	177	162	145

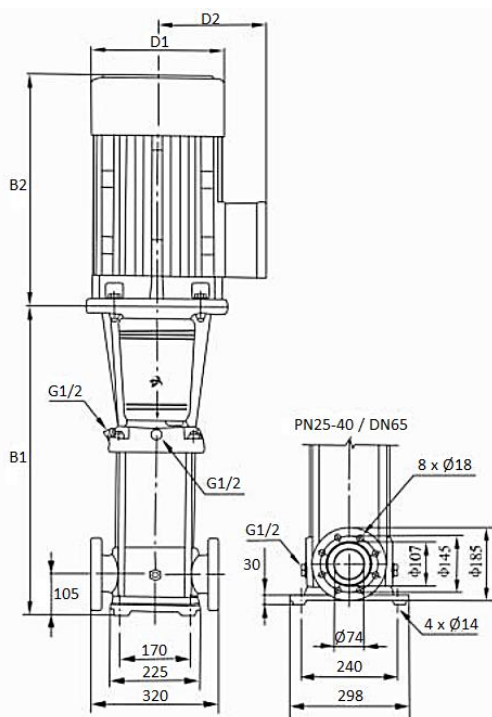
Performance curve



MODEL SPECIFICATIONS: EVQZ-VMS32



Dimension



Size & Weight

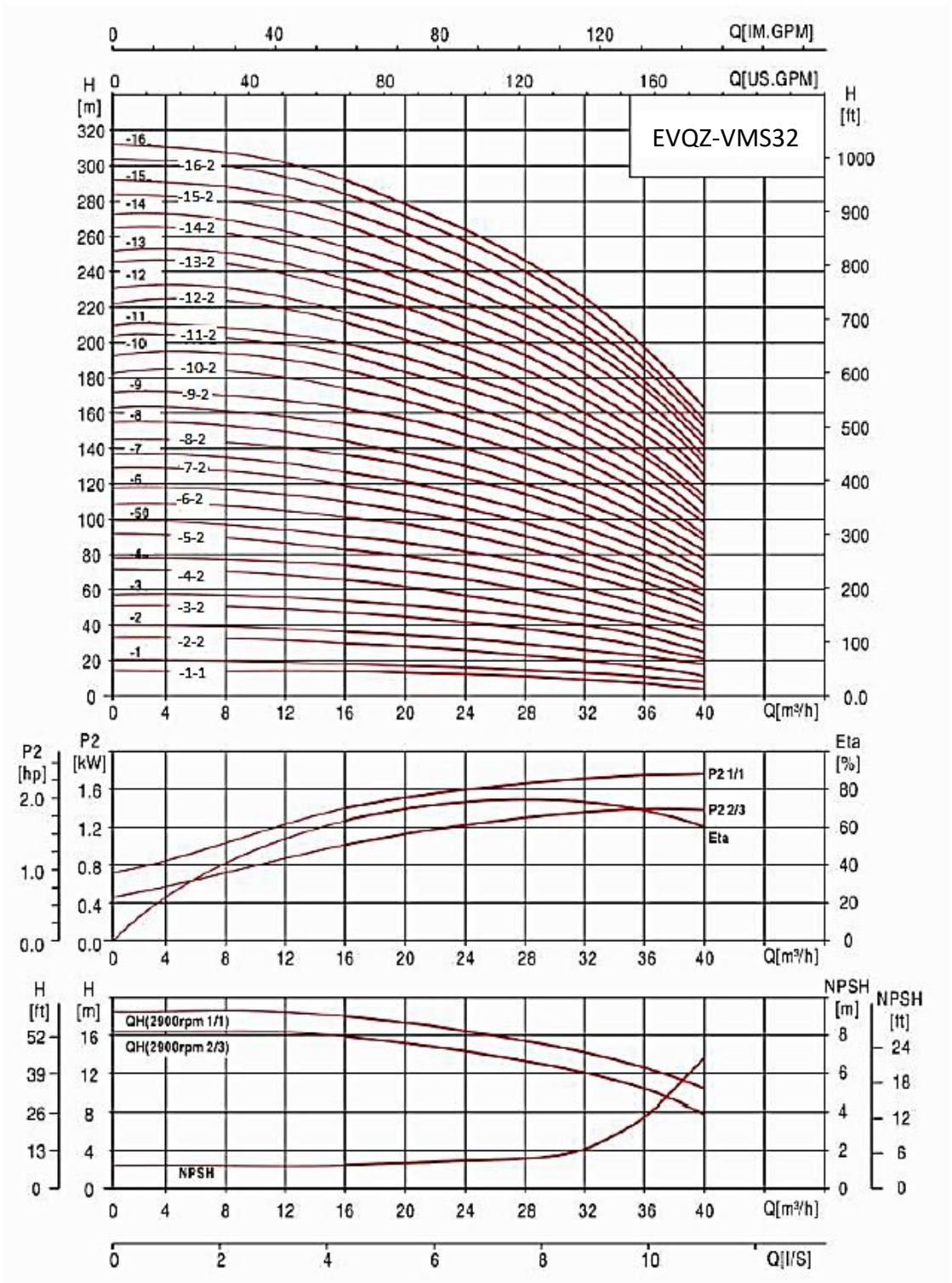
Model	Size (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
EVQZ-VMS32-1-1/ EVQZ-VMS32-1	505	290	795	190	155	64/68
EVQZ-VMS32-2-2/ EVQZ-VMS32-2	575	345/355	920/930	190/230	165/180	77/85
EVQZ-VMS32-3-2/ EVQZ-VMS32-3	645	390	1035	260	208	100
EVQZ-VMS32-4-2/ EVQZ-VMS32-4	715	390	1105	260	208	109
EVQZ-VMS32-5-2/ EVQZ-VMS32-5	890	500	1390	330	255	181
EVQZ-VMS32-6-2/ EVQZ-VMS32-6	960	500	1460	330	255	185
EVQZ-VMS32-7-2/ EVQZ-VMS32-7	1030	500	1530	330	255	199
EVQZ-VMS32-8-2/ EVQZ-VMS32-8	1100	500	1600	300	255	203
EVQZ-VMS32-9-2/ EVQZ-VMS32-9	1170	550	1720	330	255	222
EVQZ-VMS32-10-2/ EVQZ-VMS32-10	1240	550	1790	330	255	227
EVQZ-VMS32-11-2/ EVQZ-VMS32-11	1310	575	1885	360	285	272
EVQZ-VMS32-12-2/ EVQZ-VMS32-12	1380	575	1955	360	285	276
EVQZ-VMS32-13-2/ EVQZ-VMS32-13	1450	650	2100	400	310	337
EVQZ-VMS32-14-2/ EVQZ-VMS32-14	1520	650	2170	400	310	341
EVQZ-VMS32-15-2/ EVQZ-VMS32-15	1590	650	2240	400	310	345
EVQZ-VMS32-16-2/ EVQZ-VMS32-16	1590	650	2310	400	310	350

Performance table

Model	Driving Motor		Q (m³/h)	16	20	24	28	32	36	40
	(kW)	(hp)								
EVQZ-VMS32-1-1	1.5	3	H (m)	14	13	12	11	9	7	4
EVQZ-VMS32-1	2.2	3		18	17	15	14	13	11	8
EVQZ-VMS32-2-2	3.0	4		29	28	26	23	20	16	11
EVQZ-VMS32-2	4.0	5.5		36	34	32	29	27	23	18
EVQZ-VMS32-3-2	5.5	7.5		47	44	41	38	33	28	21
EVQZ-VMS32-3	5.5	7.5		54	51	48	44	40	35	27
EVQZ-VMS32-4-2	7.5	10		65	62	58	53	46	40	30
EVQZ-VMS32-4	7.5	10		72	69	65	59	53	47	37
EVQZ-VMS32-5-2	11	15		83	79	74	68	60	52	41
EVQZ-VMS32-5	11	15		90	86	81	74	67	59	47
EVQZ-VMS32-6-2	11	15		101	97	90	83	74	65	51
EVQZ-VMS32-6	11	15		108	104	97	90	81	72	57
EVQZ-VMS32-7-2	15	20		119	114	107	98	88	78	60
EVQZ-VMS32-7	15	20		126	121	113	105	95	85	67
EVQZ-VMS32-8-2	15	20		136	131	123	114	102	90	71
EVQZ-VMS32-8	15	20		144	138	130	120	109	97	77

Model	Driving Motor		Q (m³/h)	16	20	24	28	32	36	40
	(kW)	(hp)								
EVQZ-VMS32-9-2	18.5	25	H (m)	154	148	140	128	117	102	82
EVQZ-VMS32-9	18.5	25		162	156	147	136	124	109	88
EVQZ-VMS32-10-2	18.5	25		175	166	157	146	131	115	91
EVQZ-VMS32-10	18.5	25		182	173	164	152	138	122	98
EVQZ-VMS32-11-2	22	30		193	184	173	164	146	128	102
EVQZ-VMS32-11	22	30		200	191	180	168	153	135	109
EVQZ-VMS32-12-2	22	30		211	201	189	178	160	140	113
EVQZ-VMS32-12	22	30		218	208	196	184	167	147	120
EVQZ-VMS32-13-2	30	40		230	218	206	193	174	153	124
EVQZ-VMS32-13	30	40		237	225	213	200	181	160	131
EVQZ-VMS32-14-2	30	40		247	235	222	210	189	165	135
EVQZ-VMS32-14	30	40		255	242	229	216	196	172	142
EVQZ-VMS32-15-2	30	40		266	253	237	224	203	178	145
EVQZ-VMS32-15	30	40		274	260	246	231	210	185	152
EVQZ-VMS32-16-2	30	40		284	270	255	240	218	190	156
EVQZ-VMS32-16	30	40		292	277	262	246	225	197	163

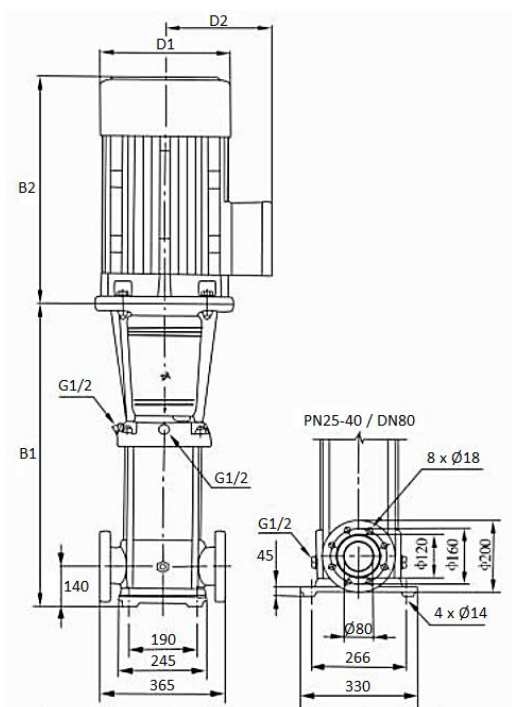
Performance curve



MODEL SPECIFICATIONS: EVQZ-VMS42



Dimension



Size & Weight

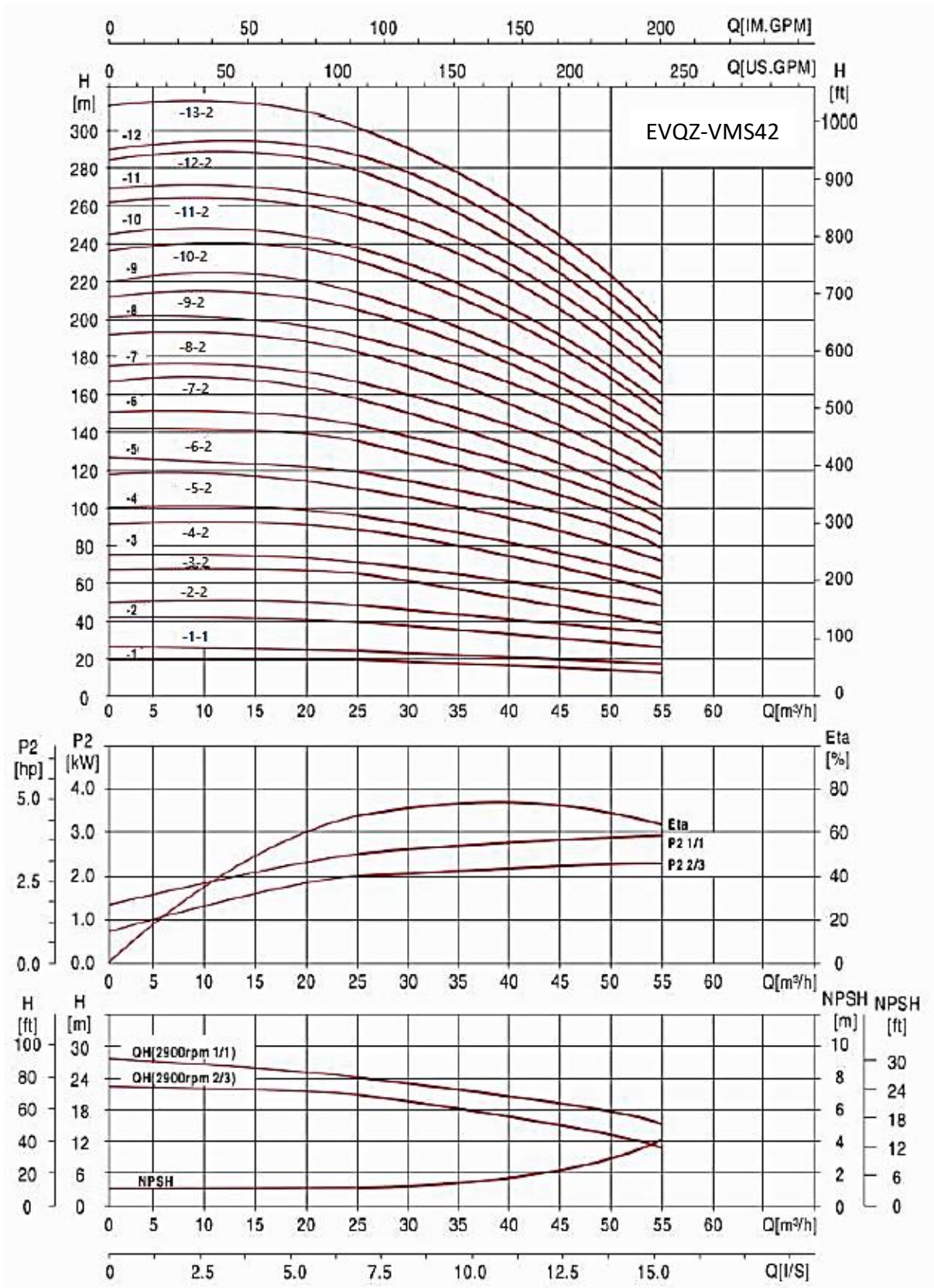
Model	Size (mm)					Weight (kg)
	B1	B2	B1+B2	D1	D2	
EVQZ-VMS342-1-1/EVQZ-VMS42-1	561	345/355	906/916	197/230	165/188	83/90
EVQZ-VMS342-2-2/EVQZ-VMS42-2	641	390	1031	260	208	105/110
EVQZ-VMS342-3-2/EVQZ-VMS42-3	826	500	1326	330	255	183
EVQZ-VMS342-4-2/EVQZ-VMS42-4	906	500	1406	330	255	197
EVQZ-VMS342-5-2/EVQZ-VMS42-5	986	550	1536	330	255	221
EVQZ-VMS342-6-2/EVQZ-VMS42-6	1066	575	1641	360	285	261
EVQZ-VMS342-7-2/EVQZ-VMS42-7	1146	650	1796	400	310	320
EVQZ-VMS342-8-2/EVQZ-VMS42-8	1226	650	1876	400	310	320
EVQZ-VMS342-9-2/EVQZ-VMS42-9	1306	650	1956	400	310	328/352
EVQZ-VMS342-10-2/EVQZ-VMS42-10	1386	650	2036	400	310	355
EVQZ-VMS342-11-2/EVQZ-VMS42-11	1466	685	2151	450	345	426
EVQZ-VMS342-12-2/EVQZ-VMS42-12	1546	685	2231	450	345	432
EVQZ-VMS342-13-2	1626	685	2311	450	345	438

Performance table

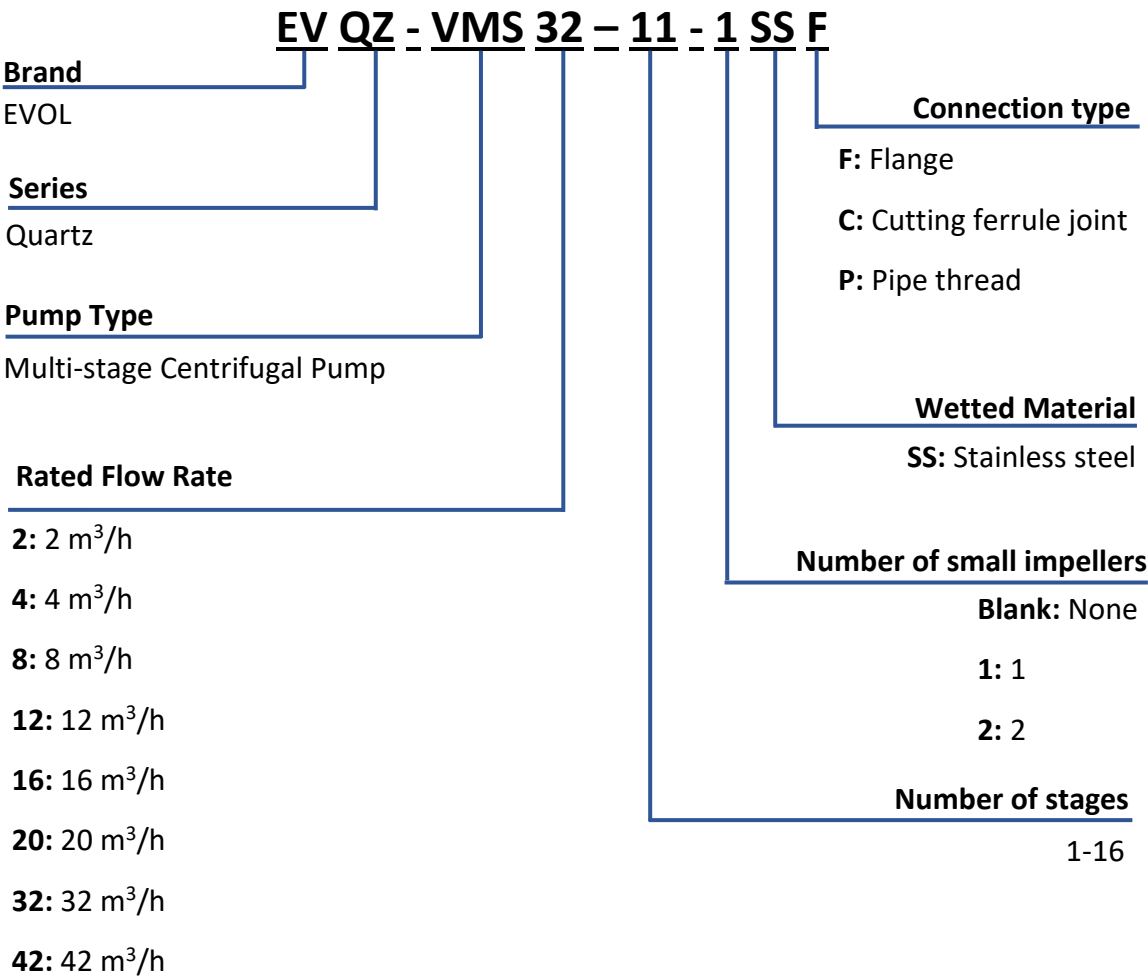
Model	Driving Motor		Q (m³/h)	25	30	35	40	42	45	50	55
	(kW)	(hp)									
EVQZ-VMS342-1-1	3.0	4	H (m)	20	19	18	17	16	15	13	11
EVQZ-VMS342-1	4.0	5.5		24	23	22	21	20	19	18	16
EVQZ-VMS342-2-2	5.5	7.5		40	38	36	33	32	30	27	23
EVQZ-VMS342-2	7.5	10		48	46	44	42	41	39	35	31
EVQZ-VMS342-3-2	11	15		63	61	58	54	52	50	44	38
EVQZ-VMS342-3	11	15		71	69	66	63	61	58	53	47
EVQZ-VMS342-4-2	15	20		87	84	80	75	73	69	62	54
EVQZ-VMS342-4	15	20		95	92	88	84	81	78	71	62
EVQZ-VMS342-5-2	18.5	25		111	107	102	96	93	88	80	69
EVQZ-VMS342-5	18.5	25		119	115	110	105	101	97	88	78
EVQZ-VMS342-6-2	22	30		135	130	124	117	113	108	97	85
EVQZ-VMS342-6	22	30		143	138	132	125	122	116	106	93
EVQZ-VMS342-7-2	30	40		158	152	146	138	134	127	115	100
EVQZ-VMS342-7	30	40		166	161	154	146	142	135	124	109

Model	Driving Motor		Q (m³/h)	25	30	35	40	42	45	50	55
	(kW)	(hp)									
EVQZ-VMS342-8-2	30	40	H (m)	182	175	168	159	154	146	133	116
EVQZ-VMS342-8	30	40		190	184	176	167	162	154	141	124
EVQZ-VMS342-9-2	30	40		205	198	190	180	174	166	150	132
EVQZ-VMS342-9	37	40		214	207	198	188	183	174	159	140
EVQZ-VMS42-10-2	37	50		230	221	212	200	194	185	168	147
EVQZ-VMS42-10	37	50		238	230	220	209	203	193	177	155
EVQZ-VMS342-11-2	45	60		255	246	236	223	217	206	188	165
EVQZ-VMS342-11	45	60		263	255	244	232	225	214	196	173
EVQZ-VMS342-12-2	45	60		280	270	259	245	238	226	206	181
EVQZ-VMS342-12	45	60		289	280	268	255	247	236	216	190
EVQZ-VMS342-13-2	45	60		305	294	282	267	259	247	225	198

Performance curve



MODEL NUMBER





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