

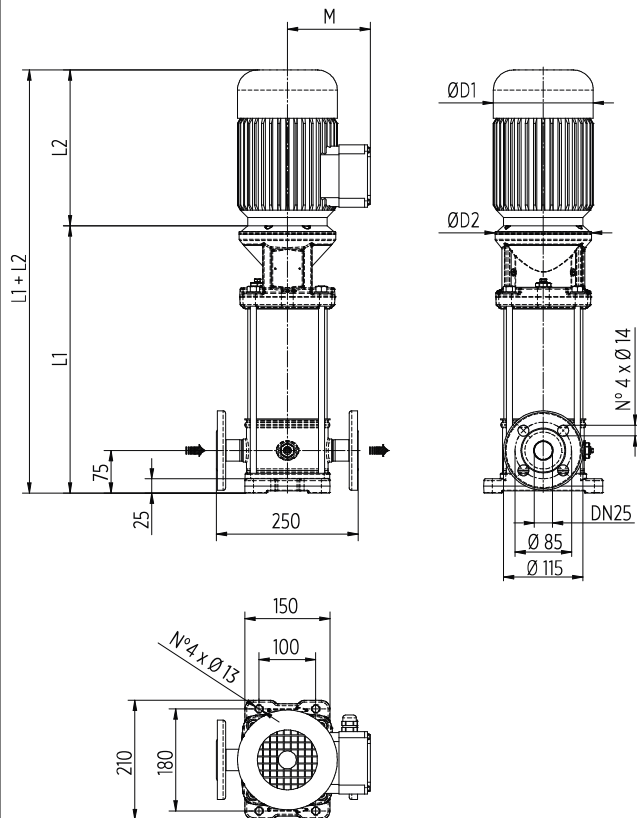
EV 1 - 50 HZ

TECHNICAL DATA

Pump Model	MOTOR		Dimensions [mm]													Weight [kg]		
			L1	L2		L3	L4	L5	M		D1		D2	L1+L2	Pump	Motor	Electric Pump	
	[kW]	Dim	F	1-PHASE	3-PHASE	T	V	C	1-PHASE	3-PHASE	1-PHASE	3-PHASE						
EV 1/2	0.37	71	313	216	216	288	288	288	134	110	139	139	170	529	11.5	5.8	17.3	
EV 1/3	0.37	71	336	216	216	311	311	311	134	110	139	139	170	552	12	5.8	17.8	
EV 1/4	0.37	71	358	216	216	333	333	333	134	110	139	139	170	574	12.5	5.8	18.3	
EV 1/5	0.37	71	381	216	216	356	356	356	134	110	139	139	170	597	13	5.8	18.8	
EV 1/6	0.37	71	403	216	216	378	378	378	134	110	139	139	170	619	13.5	5.8	19.3	
EV 1/7	0.37	71	426	216	216	401	401	401	134	110	139	139	170	642	14	5.8	19.8	
EV 1/8	0.55	71	448	216	216	423	423	423	134	110	139	139	170	664	14.5	6.2	20.7	
EV 1/9	0.55	71	471	216	216	446	446	446	134	110	139	139	170	687	15	6.2	21.2	
EV 1/10	0.55	71	493	216	216	468	468	468	134	110	139	139	170	709	15.5	6.2	21.7	
EV 1/11	0.55	71	516	216	216	491	491	491	134	110	139	139	170	732	16	6.2	22.2	
EV 1/12	0.75	80	538	232	232	513	513	513	150	129	160	160	170	770	16.5	9.5	26	
EV 1/13	0.75	80	561	232	232	536	536	536	150	129	160	160	170	793	17	9.5	26.5	
EV 1/14	0.75	80	583	232	232	558	558	558	150	129	160	160	170	815	17	9.5	26.5	
EV 1/15	0.75	80	606	232	232	581	581	581	150	129	160	160	170	838	17.5	9.5	27	
EV 1/17	1.1	80	651	232	232	626	626	626	150	129	160	160	170	883	18.5	11.1	29.6	
EV 1/19	1.1	80	696	232	232	671	671	671	150	129	160	160	170	928	19.5	11.1	30.6	
EV 1/22	1.1	80	763	232	232	738	738	738	150	129	160	160	170	995	21	11.1	32.1	
EV 1/23	1.5	90	796	267	267	771	771	771	160	138	180	180	170	1063	22	14	36	
EV 1/25	1.5	90	841	267	267	-	816	816	160	138	180	180	170	1108	23	14	37	
EV 1/27	1.5	90	886	267	267	-	861	861	160	138	180	180	170	1153	24	14	38	
EV 1/30	1.5	90	953	267	267	-	928	928	160	138	180	180	170	1220	25	14	39	
EV 1/32	2.2	90	998	267	267	-	973	973	160	138	180	180	170	1265	26	16	42	
EV 1/34	2.2	90	1043	267	267	-	1018	1018	160	138	180	180	170	1310	27	16	43	
EV 1/37	2.2	90	1111	267	267	-	1086	1086	160	138	180	180	170	1378	28.5	16	44.5	

DIMENSIONAL DRAWINGS

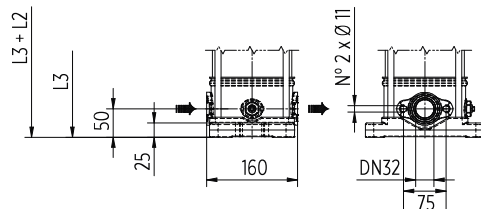
F Version



Round flanges on body type PN25: the pump is supplied without counterflanges (Optional accessories, including bolts and joints)

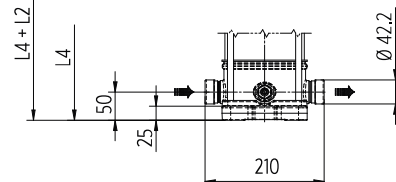
T Version

available from EV1/2 to EV1/23



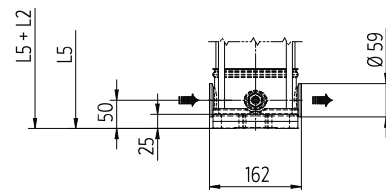
Oval flanges on body type PN16: the pump is supplied without threaded oval counter flanges (Optional accessories, including bolts and joints)

V Version



Connections with rapid fittings type "Victaulic": the pump is supplied without the collars (Optional accessories)

C Version

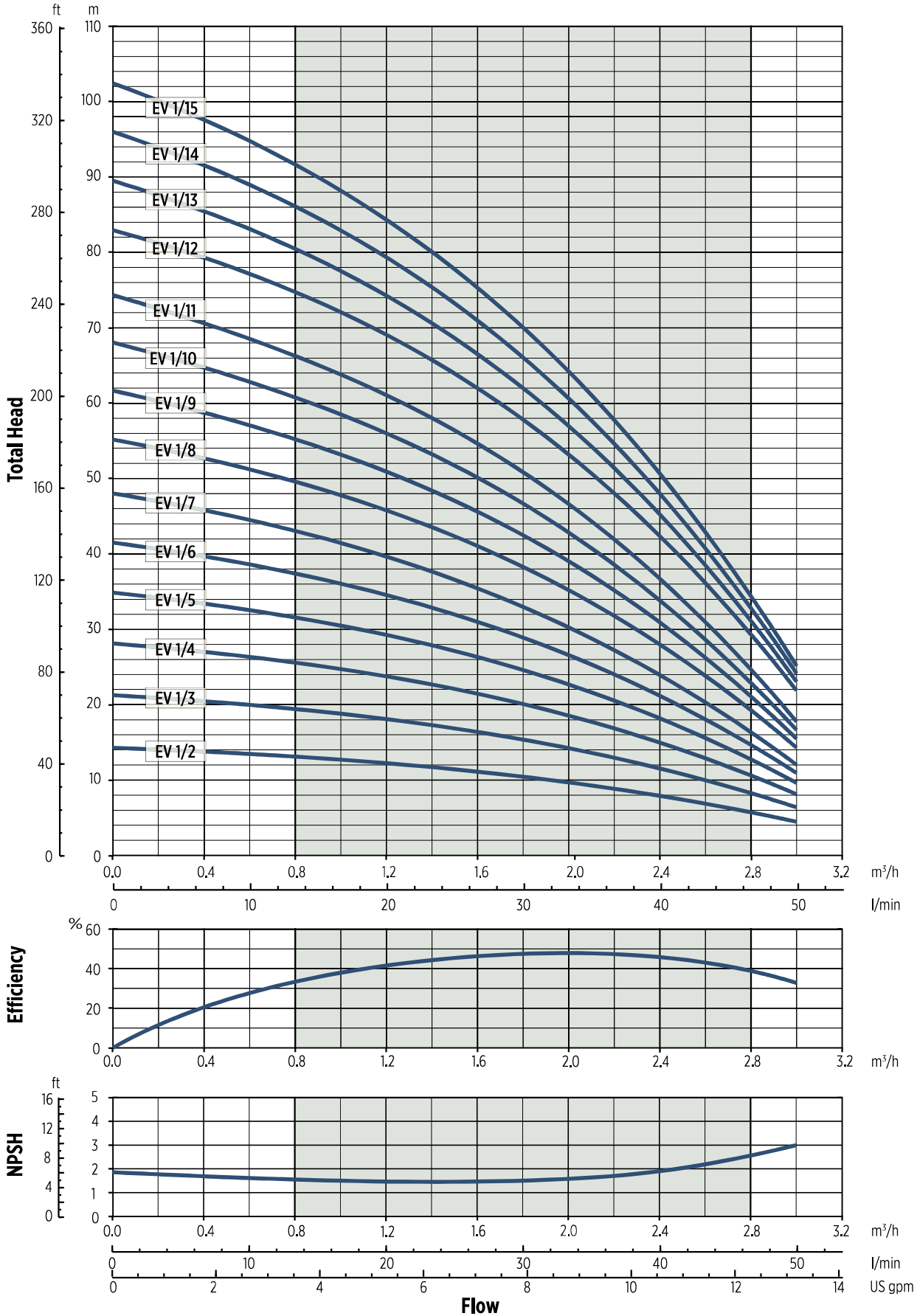


Connections with round fittings type Clamp-FlexiClamp: the pump is supplied without collars (Optional accessories)

0013009BEN 02/2018

EV 1 - PERFORMANCE CURVES AT 50 HZ

MEI ≥ 0,70



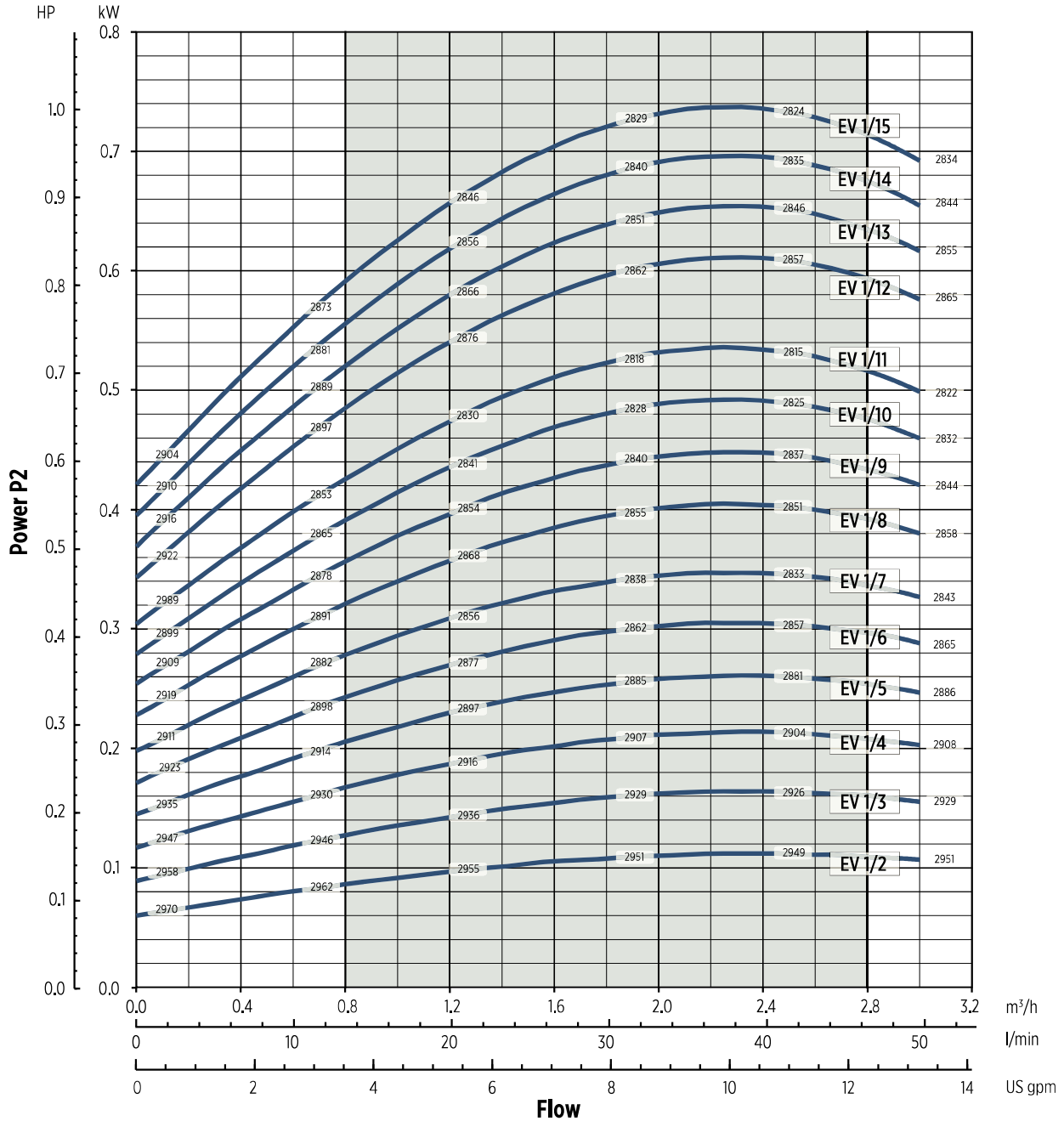
0072014AEN.02/2018

The hydraulic characteristics are guaranteed, according to ISO Standard 9906:2012, grade 3B



EV 1 - PERFORMANCE CURVES AT 50 HZ

MEI ≥ 0,70



Performance curves of Q, H and P depend on the rpm number according to the following formula:

$$Q_2 = Q_1 \cdot \left(\frac{n_2}{n_1}\right), \quad H_2 = H_1 \cdot \left(\frac{n_2}{n_1}\right)^2, \quad P_2 = P_1 \cdot \left(\frac{n_2}{n_1}\right)^3, \quad \eta \text{ remains approximately the same.}$$

The rpm number related to the performance curves (Q-H-P) is indicated in the power chart.

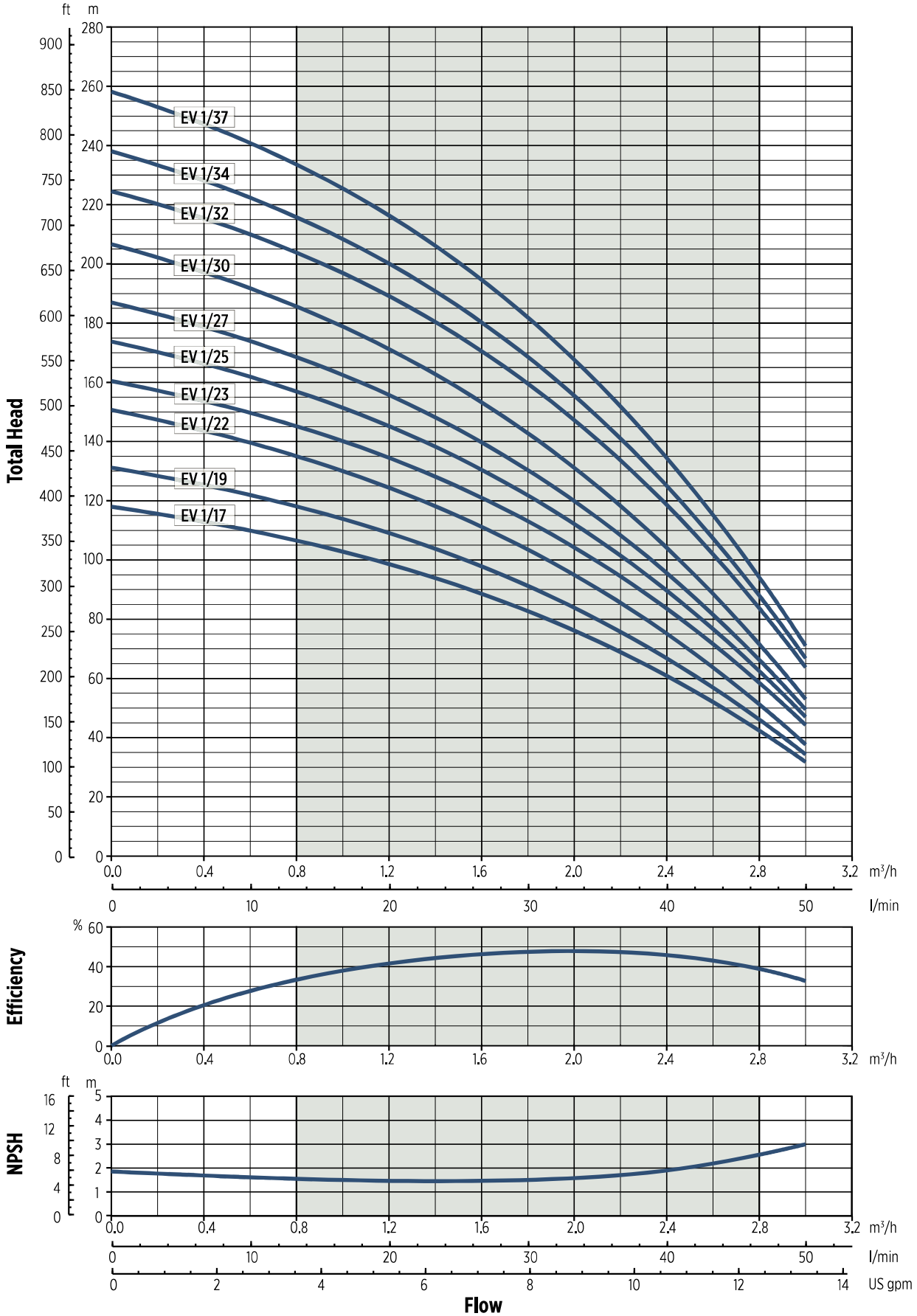
Performance curves (Q-H-P) will change in case a motor with rpm number different from indicated values is used.

Q=Capacity, H=Head, P=Power, h=Efficiency

002014AEN 02/2018

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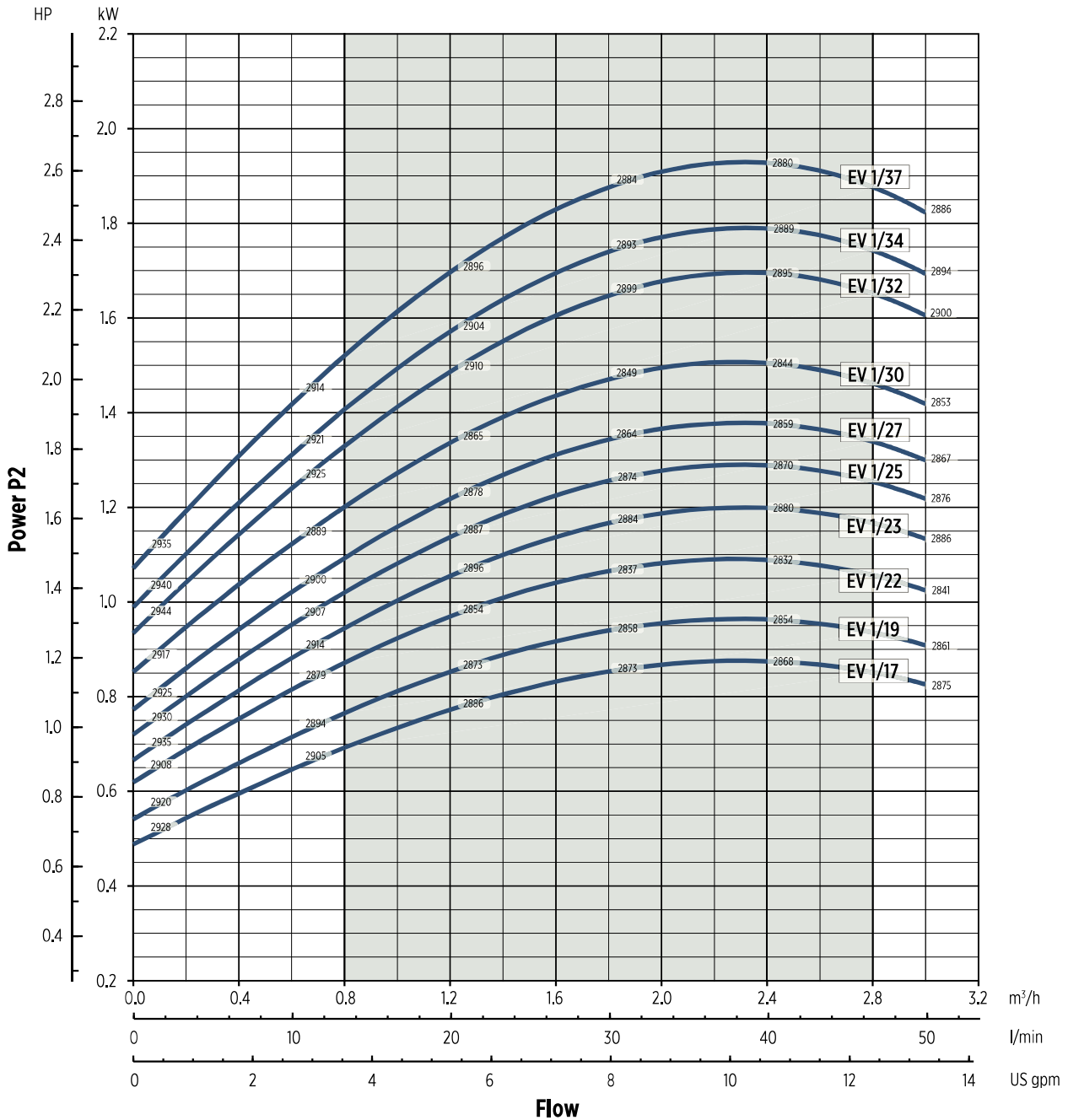
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