

EV 6 - 50 HZ

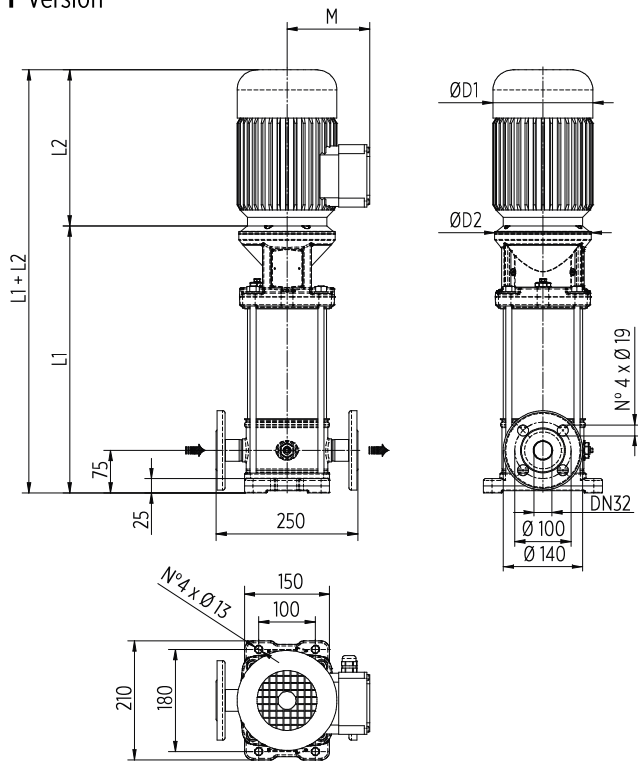
TECHNICAL DATA

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 6/2	0.37	71	320	216	216	295	295	295	134	110	139	139	170	536	12	5.8	17.8	
EV 6/3	0.37	71	346	216	216	321	321	321	134	110	139	139	170	562	12.5	5.8	18.3	
EV 6/4	0.55	71	372	216	216	347	347	347	134	110	139	139	170	588	13	6.2	19.2	
EV 6/5	0.75	80	398	232	232	373	373	373	150	129	160	160	170	630	13.5	9.5	23	
EV 6/6	0.75	80	424	232	232	399	399	399	150	129	160	160	170	656	14	9.5	23.5	
EV 6/7	1.1	80	450	232	232	425	425	425	150	129	160	160	170	682	14.5	11.1	25.6	
EV 6/8	1.1	80	476	232	232	451	451	451	150	129	160	160	170	708	15	11.1	26.1	
EV 6/9	1.1	80	502	232	232	477	477	477	150	129	160	160	170	734	15.5	11.1	26.6	
EV 6/10	1.5	90	538	267	267	513	513	513	160	138	180	180	170	805	16.5	14	30.5	
EV 6/11	1.5	90	564	267	267	539	539	539	160	138	180	180	170	831	17.5	14	31.5	
EV 6/12	1.5	90	590	267	267	565	565	565	160	138	180	180	170	857	18	14	32	
EV 6/13	1.5	90	616	267	267	591	591	591	160	138	180	180	170	883	18.5	14	32.5	
EV 6/14	2.2	90	642	267	267	617	617	617	160	138	180	180	170	909	19	16	35	
EV 6/15	2.2	90	668	267	267	643	643	643	160	138	180	180	170	935	19.5	16	35.5	
EV 6/16	2.2	90	694	267	267	669	669	669	160	138	180	180	170	961	20	16	36	
EV 6/17	2.2	90	720	267	267	695	695	695	160	138	180	180	170	987	20.5	16	36.5	
EV 6/18	2.2	90	746	267	267	721	721	721	160	138	180	180	170	1013	21	16	37	
EV 6/19	2.2	90	772	267	267	747	747	747	160	138	180	180	170	1039	21.5	16	37.5	
EV 6/20	3	100	808	-	306	783	783	783	-	145	-	196	170	1114	22.5	22.8	45.3	
EV 6/21	3	100	834	-	306	809	809	809	-	145	-	196	170	1140	23	22.8	45.8	
EV 6/23	3	100	886	-	306	-	861	861	-	145	-	196	170	1192	24	22.8	46.8	
EV 6/25	3	100	938	-	306	-	913	913	-	145	-	196	170	1244	25	22.8	47.8	
EV 6/28	4	112	1016	-	306	-	991	991	-	145	-	196	170	1322	26.5	26.5	53	
EV 6/30	4	112	1068	-	306	-	1043	1043	-	145	-	196	170	1374	28	26.5	54.5	
EV 6/33	4	112	1146	-	306	-	1121	1121	-	145	-	196	170	1452	29.5	26.5	56	
EV 6/36*	5.5	132	1400	-	328	-	1375	1375	-	160	-	225	300	1728	50.5	33.6	84.1	

* EV 6/36 available only with Victaulic® connections

DIMENSIONAL DRAWINGS

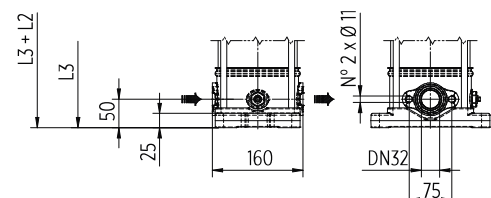
F Version



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

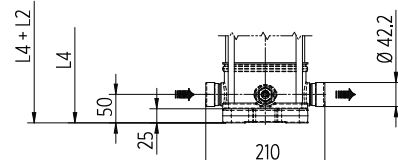
T Version

Available from EV6/2 to EV6/21



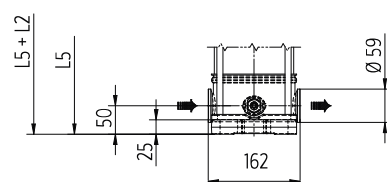
Oval flanges on body type PN16: the pump is supplied without threaded oval counter flanges (Optional accessories, including bolts and joints)

V Version



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

C Version

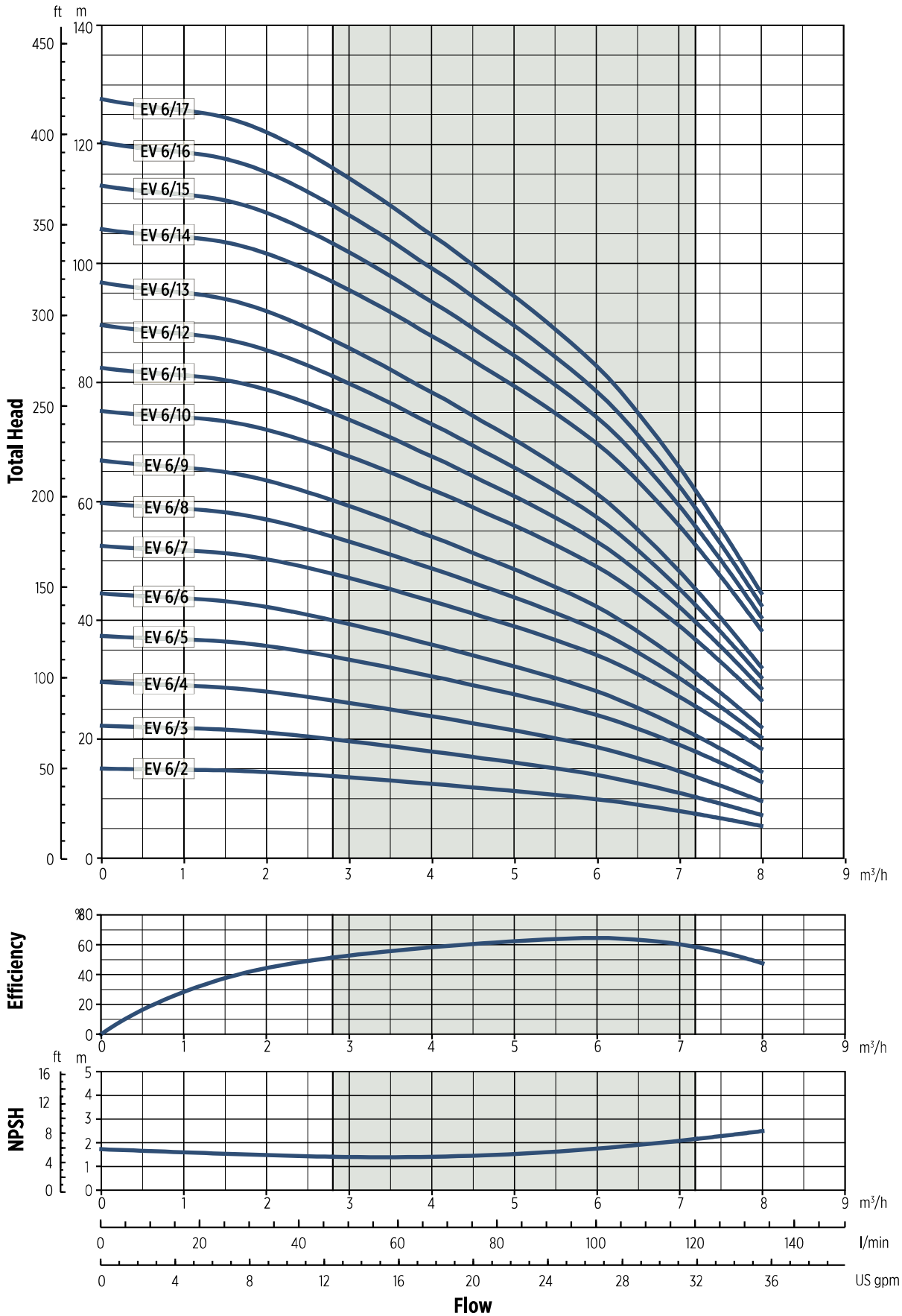


Connections with round fittings type Clamp-FlexiClamp: the pump is supplied without collars (Optional accessories)

0013010DEN 02/2018

EV 6 - PERFORMANCE CURVES AT 50 HZ

MEI ≥ 0,70

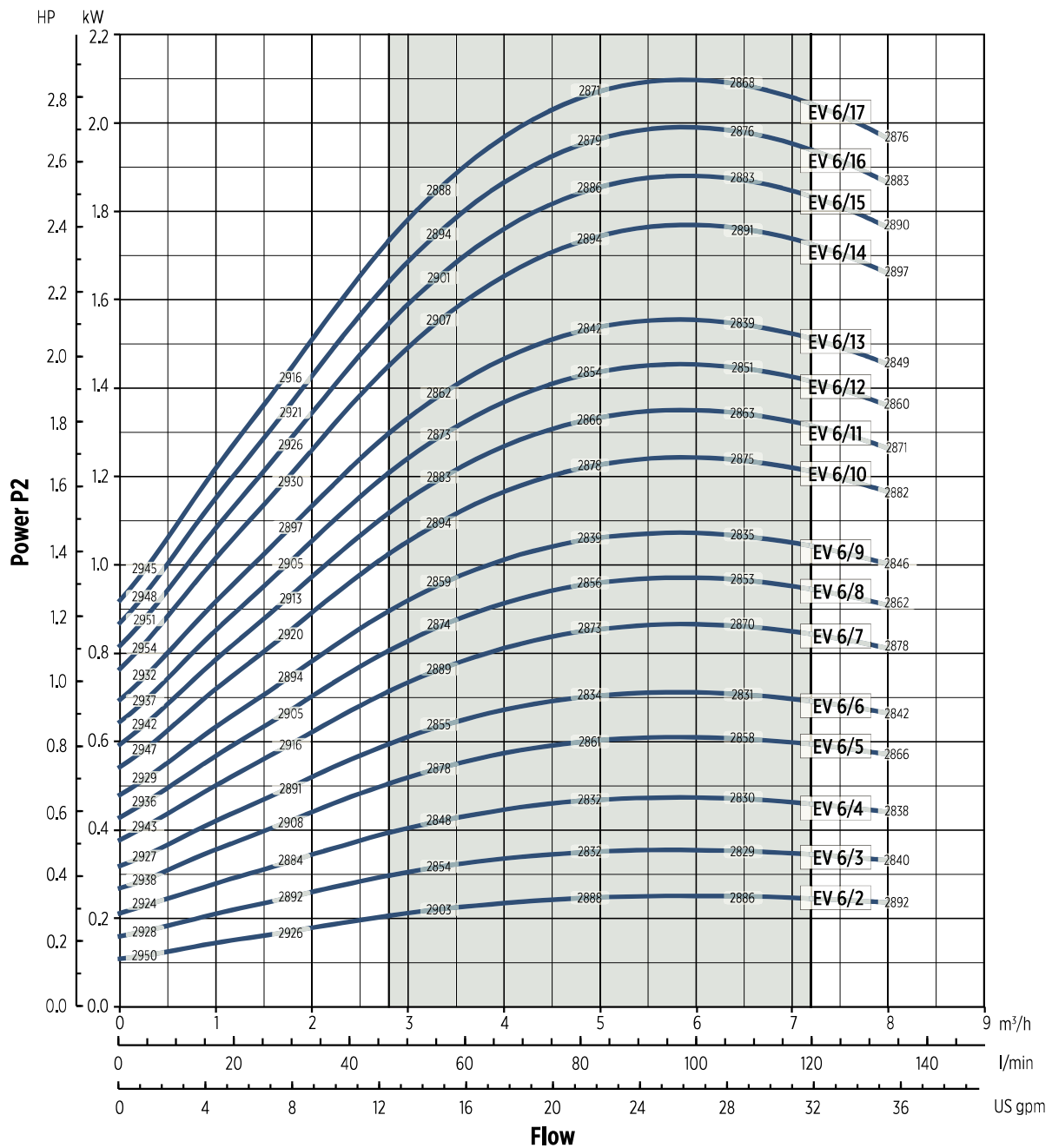


0012016AEN 02/2018

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

EV 6 - PERFORMANCE CURVES AT 50 HZ

MEI ≥ 0,70



0072016AEN 02/2018

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

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

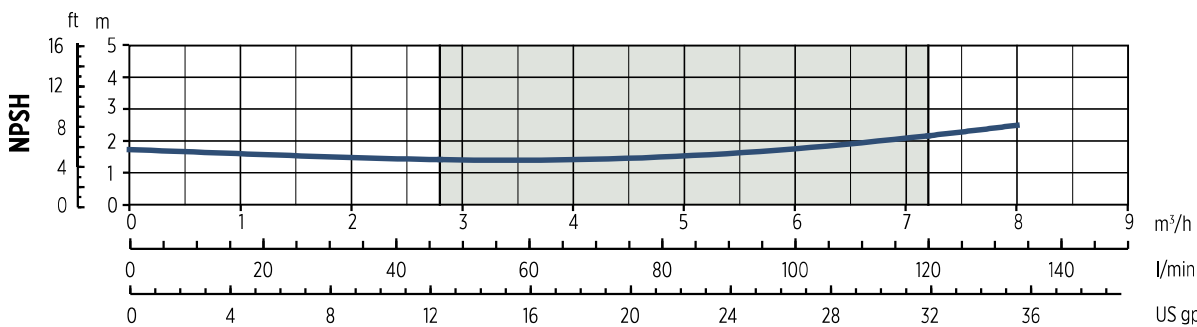
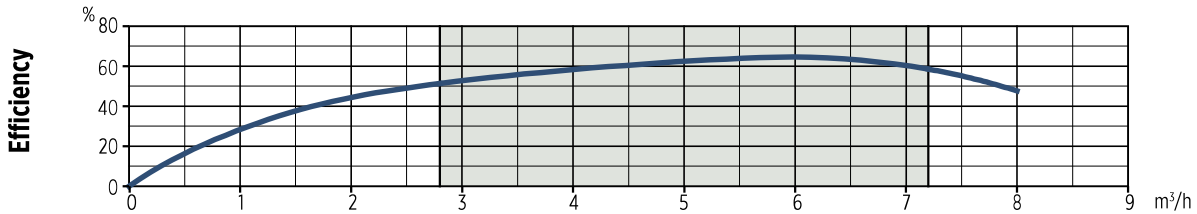
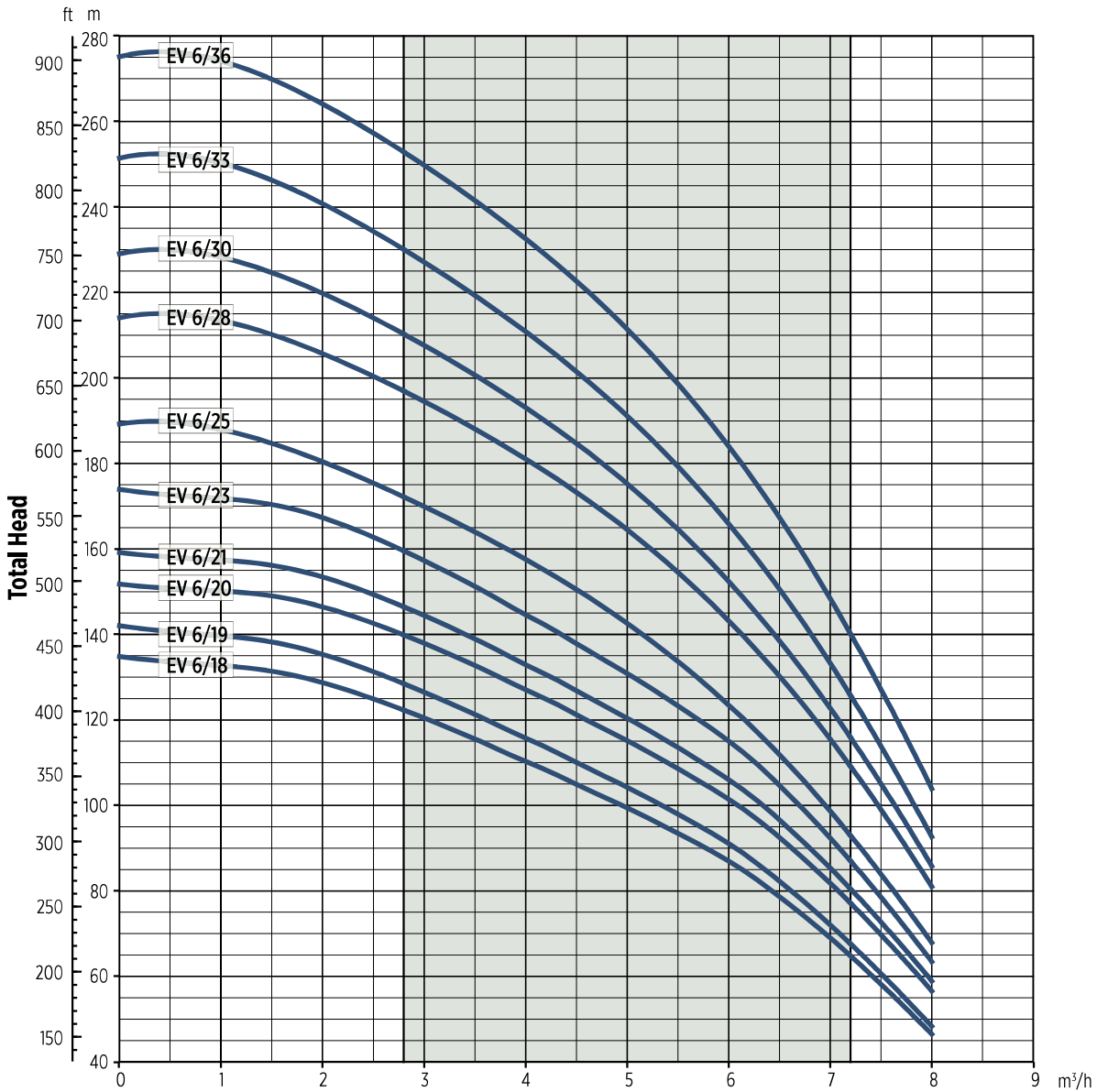
The rpm number related to the performance curves (Q-H-P) is indicated in the power chart.

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, η=Efficiency

EV 6 - PERFORMANCE CURVES AT 50 HZ

MEI ≥ 0,70

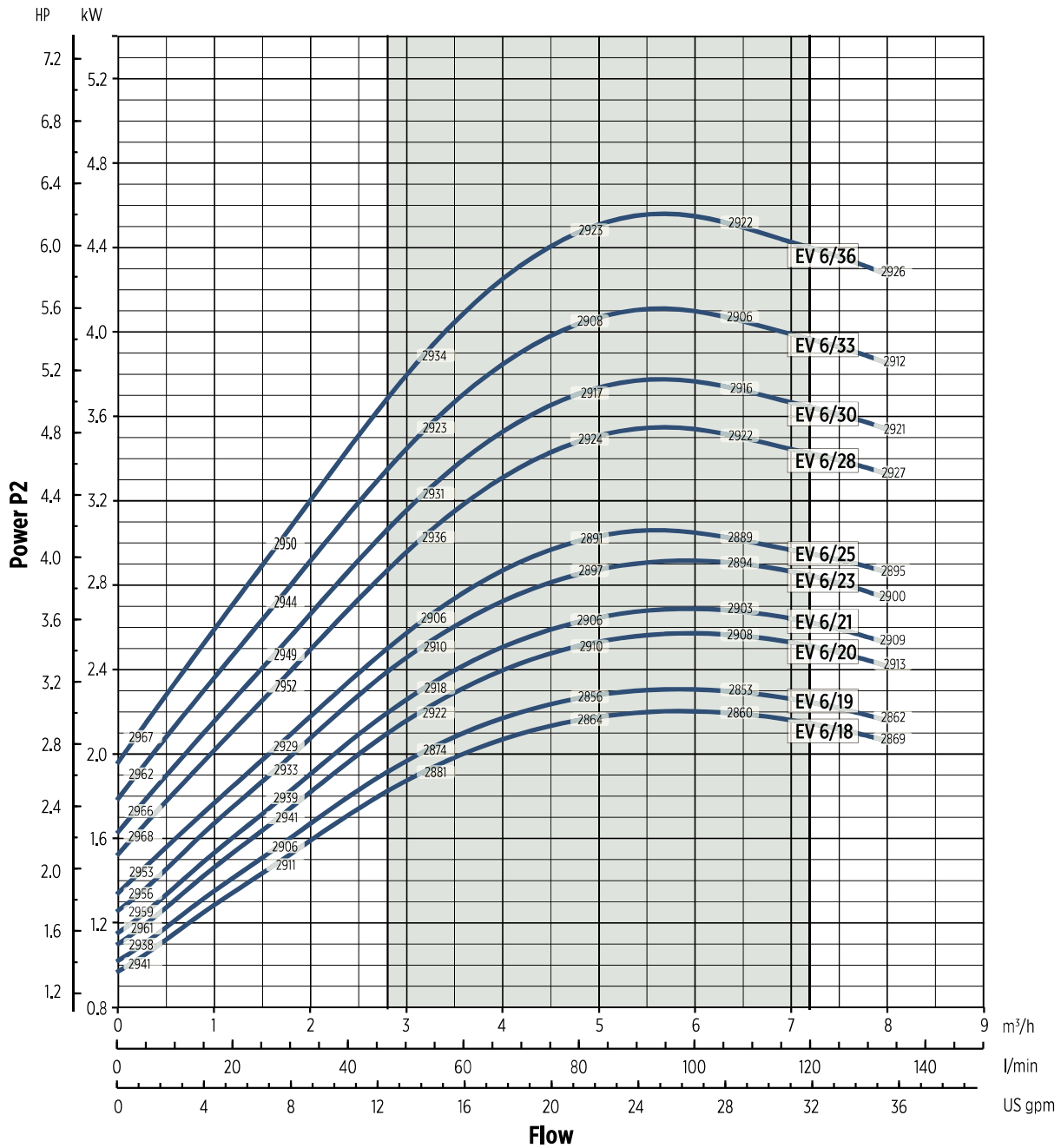


0072018EEN 02/2018

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0012016BEN 02/2018

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