EVMS - EVM

BOMBAS VERTICAIS MULTIESTÁGIOS EBARA

DESCRIÇÃO

Motobomba Centrífuga Multiestágio Vertical - Monobloco - Motor Trifásico em II Polos, 60Hz, 3500rpm - Bocais Flange - Modelos "N" (16 bar - rosca BSP), Modelos "F" (25 bar - padrão DIN) - Consultar os diâmetros pelos modelos.
Utilizada para água limpa e líquidos sem sólidos compatíveis com os materiais da bomba nas temperaturas de -30ºC a 140ºC.
Vazão Máxima: 102,0m³/h - Vazão Mínima: 0,8m³/h;
Pressão Máxima: 316,0mca - Pressão Mínima: 4,3mca.
OBS.: Modelos EVMS 1 - 3 - 5 - 10 - 15 - 20, possuem rotores Shurricane, projeto desenvolvido pela Ebara Japão para diminuir drasticamente o empuxo axial sem perda de eficiência e permitir a utilização de várias marcas de motores IP-55 com padrão IEC sem causar danos nos rolamentos dos mesmos.

ESPECIFICAÇÕES

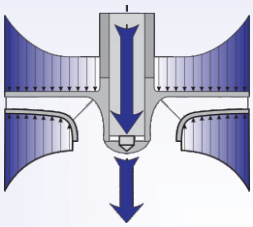
- Camisa do bombeador em inox 304.
- Rotores em inox 304.
- Difusores em inox 304.
- Estágios em inox 304.
- Suporte do motor em ferro fundido.
- Base da bomba em ferro fundido.
- Anéis de vedação em EPDM.
- Selo Mecânico Cartucho com partes metálicas em silício e elastômeros (borrachas) em EPDM.

APLICAÇÕES

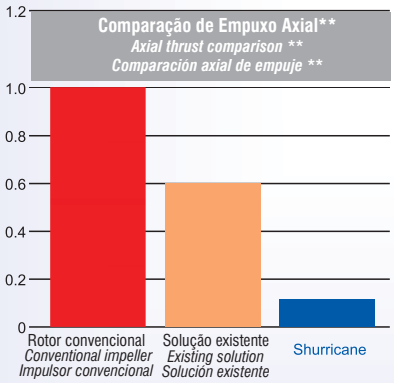
- Caldeiras.
- Indústrias/Processos.
- Construção Civil.
- Ar condicionado.
- Fertirrigação.
- Nebulização de Aviários/Estufas.
- Sistemas de lavagem.
- Sistema de Pressurização.

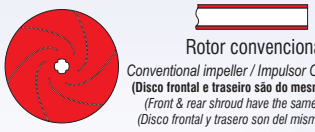
OPÇÕES

- Base da bomba em inox 304.
- Camisa do bombeador em inox 316L.
- Internos da bomba em inox 316L.
- Base da bomba em inox 316L.

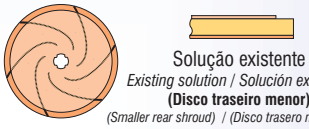


Empuxo axial
Axial thrust / Empuje axial



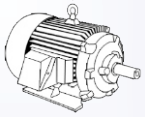


Rotor convencional
Conventional impeller / Impulsor Convencional
(Disco frontal e traseiro são do mesmo diâmetro)
(Front & rear shroud have the same diameter)
(Disco frontal y trasero son del mismo diámetro)



Solução existente
Existing solution / Solución existente
(Disco traseiro menor)
(Smaller rear shroud) / (Disco trasero más pequeño)

Solução de Shurricane
Shurricane solution / Solución Shurricane
(Disco traseiro exclusivo)
(Unique rear shroud)
(Disco trasero exclusivo)



Varias marcas padrão IEC
Motor Fechado IP-55
Various brands IEC IP-55 standard motors
Varias marcas de motores estándar IEC IP-55

** Comparação feita no mesmo desempenho da bomba
*** Comparison made at same pump performance / ** Comparación hecha con el mismo rendimiento de la bomba*

EVMS(*) 10 8N6

- **6 = 60Hz**
- **Tipo de Flange:** N = 16 bar (Rosca) / F = F = 25 bar (DIN Flange)
- **Nº de estágios**
- **Vazão nominal**
- **Contato com o liquido:** G = Ferro fundido e Inox 304 / = Inox 304 / L = Inox 316L
- **Modelo:** EVMS = Rotor: Shurricane / EVM = Rotor: convencional

EVMSG1

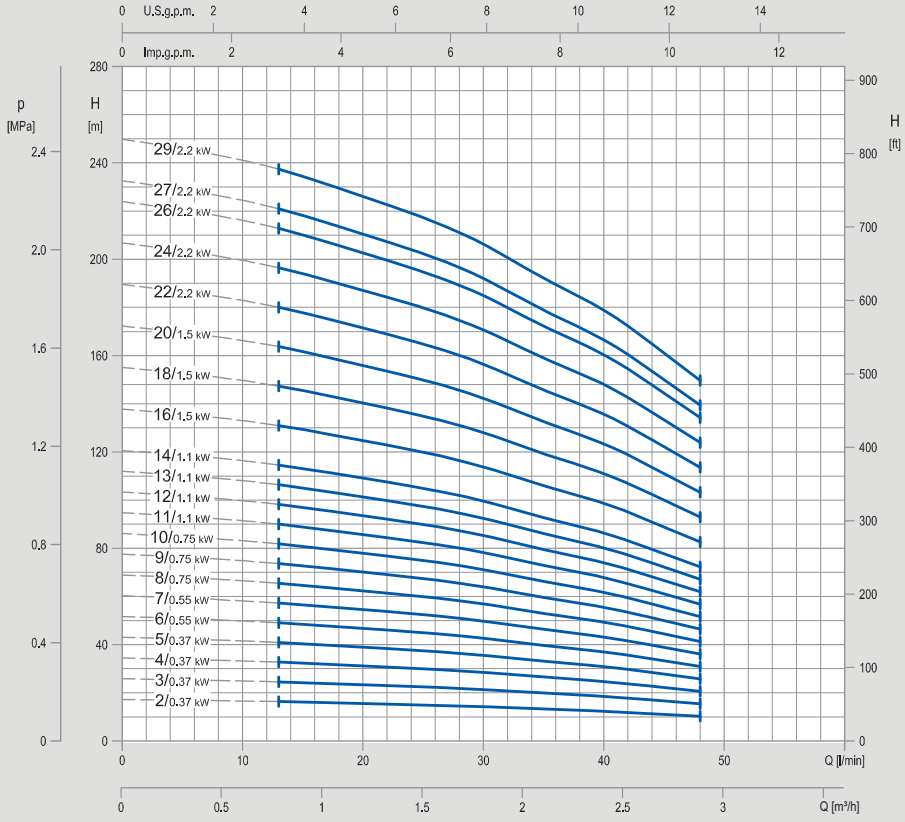
BOMBA VERTICAI MULTIESTÁGIO EBARA

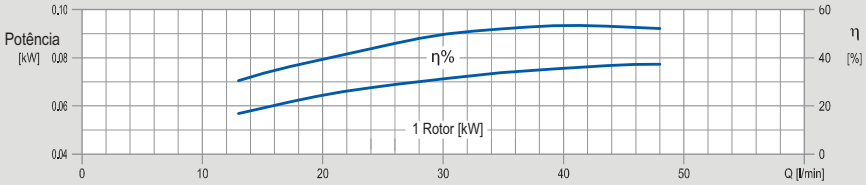
ROTAÇÃO

3.500 rpm

60 Hz

Norma: ISO 9006:2012 – Grau 3B





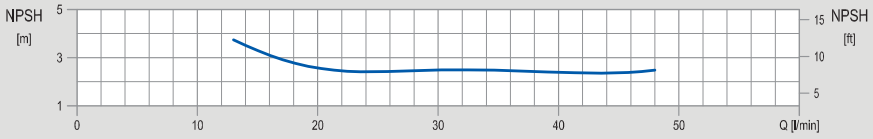


Tabela de conversão de potência											
KW	0,55	0,75	1,1	1,5	2,2	3,0	4,0	5,5	7,5	11,0	15,0
HP	0,75	1,0	1,5	2,0	3,0	4,0	5,5	7,5	10,0	15,0	20,0

EVMSG3

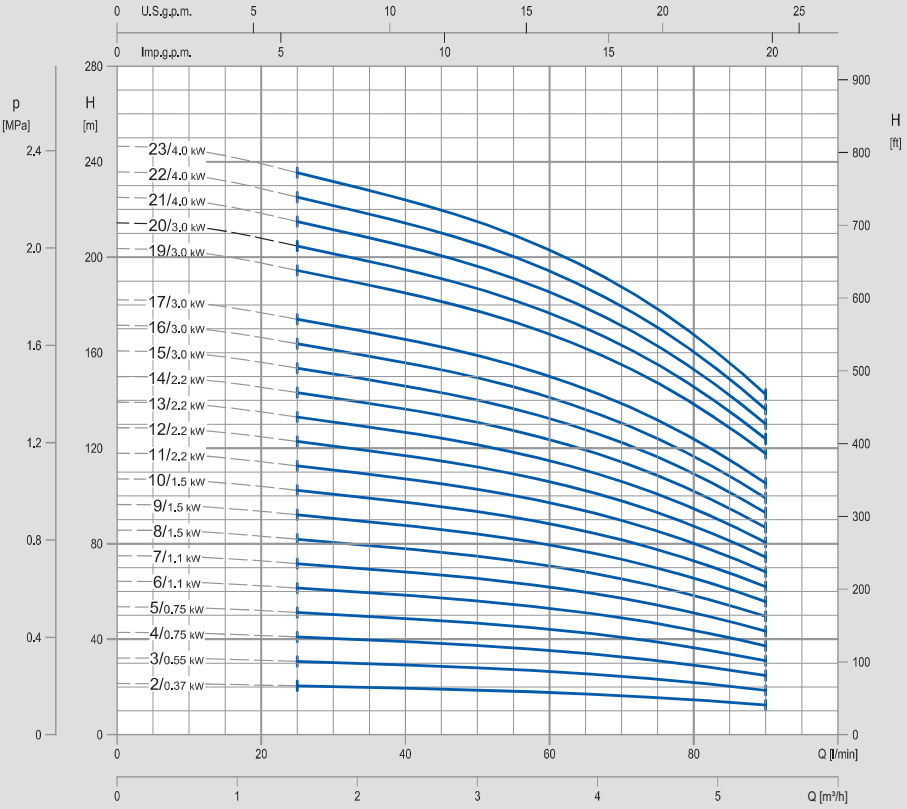
BOMBA VERTICAI MULTIESTÁGIO EBARA

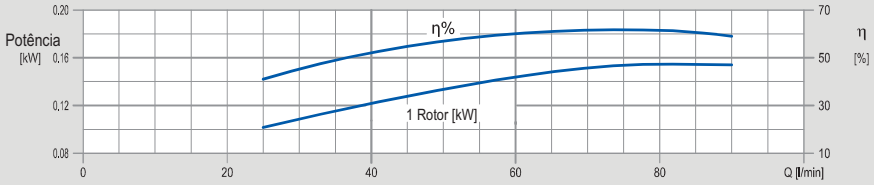
ROTAÇÃO

3.500 rpm

60 Hz

Norma: ISO 9006:2012 – Grau 3B





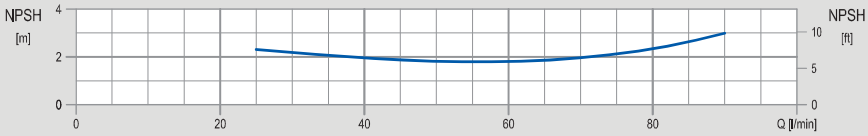


Tabela de conversão de potência											
KW	0,55	0,75	1,1	1,5	2,2	3,0	4,0	5,5	7,5	11,0	15,0
HP	0,75	1,0	1,5	2,0	3,0	4,0	5,5	7,5	10,0	15,0	20,0

EVMSG5

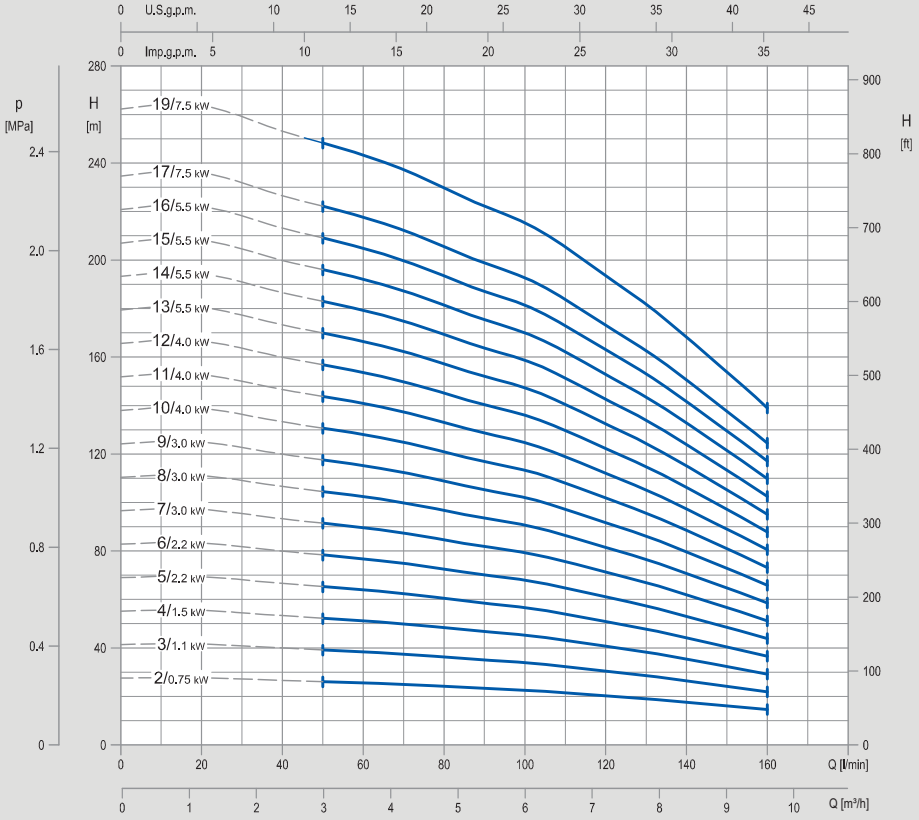
BOMBA VERTICAI MULTIESTÁGIO EBARA

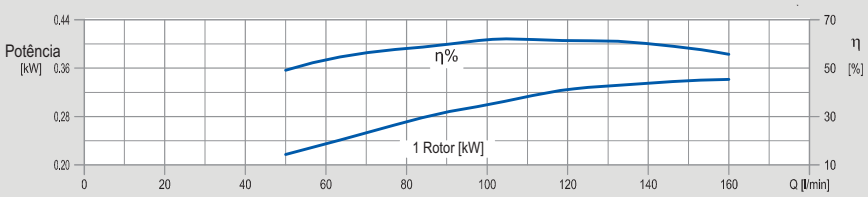
ROTAÇÃO

3.500 rpm

60 Hz

Norma: ISO 9006:2012 – Grau 3B





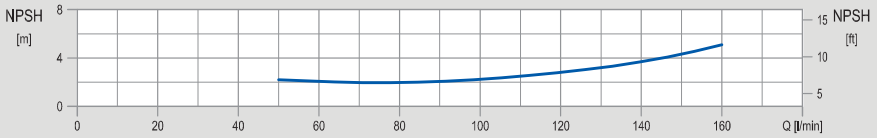


Tabela de conversão de potência											
KW	0,55	0,75	1,1	1,5	2,2	3,0	4,0	5,5	7,5	11,0	15,0
HP	0,75	1,0	1,5	2,0	3,0	4,0	5,5	7,5	10,0	15,0	20,0

EVMSG10

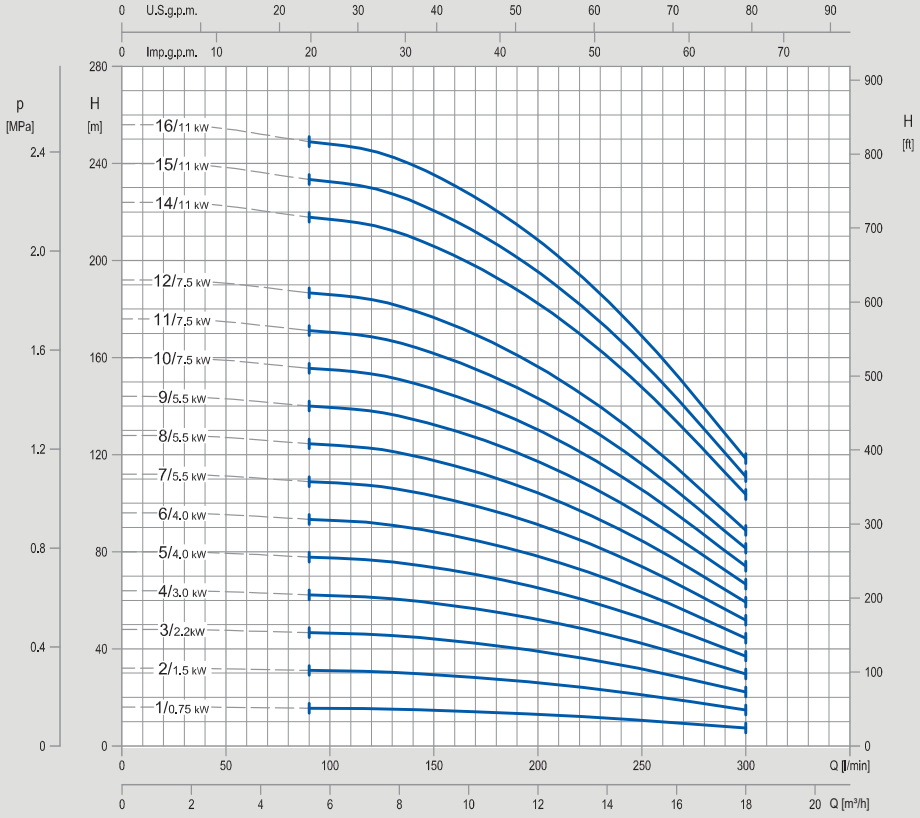
BOMBA VERTICAI MULTIESTÁGIO EBARA

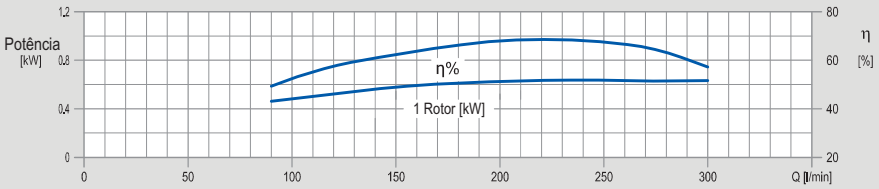
ROTAÇÃO

3.500 rpm

60 Hz

Norma: ISO 9006:2012 – Grau 3B





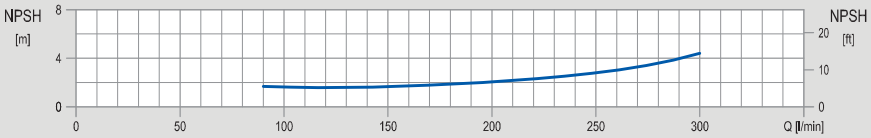


Tabela de conversão de potência											
KW	0,55	0,75	1,1	1,5	2,2	3,0	4,0	5,5	7,5	11,0	15,0
HP	0,75	1,0	1,5	2,0	3,0	4,0	5,5	7,5	10,0	15,0	20,0

EVMSG15

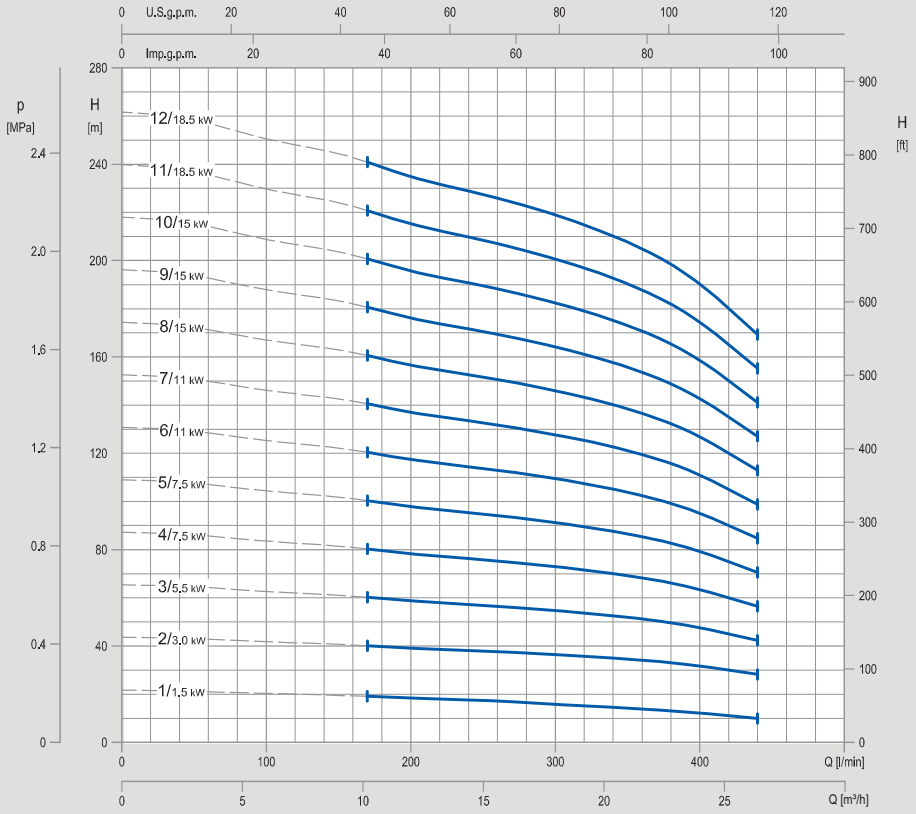
BOMBA VERTICAI MULTIESTÁGIO EBARA

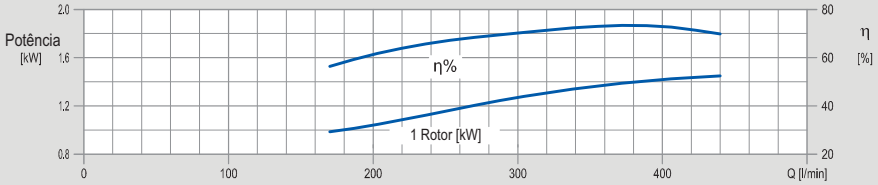
ROTAÇÃO

3.500 rpm

60 Hz

Norma: ISO 9006:2012 – Grau 3B





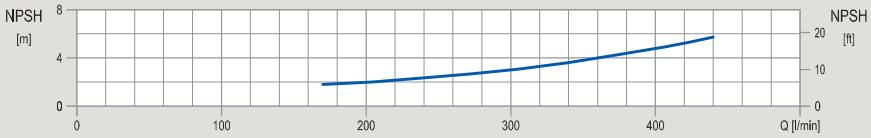


Tabela de conversão de potência											
KW	0,55	0,75	1,1	1,5	2,2	3,0	4,0	5,5	7,5	11,0	15,0
HP	0,75	1,0	1,5	2,0	3,0	4,0	5,5	7,5	10,0	15,0	20,0

EVMSG20

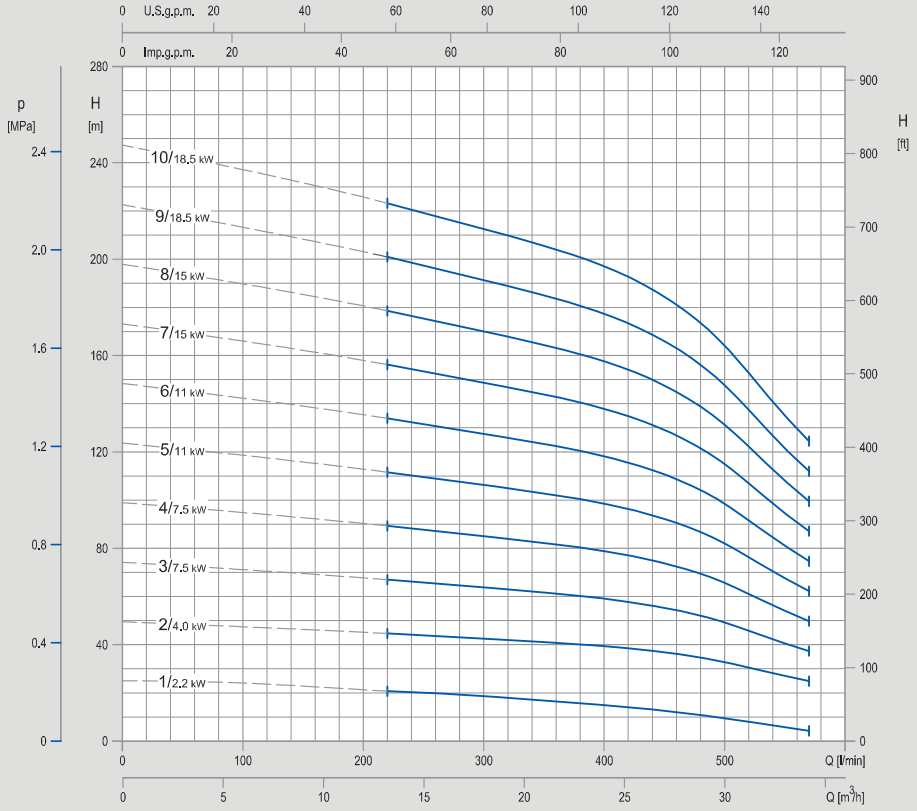
BOMBA VERTICAI MULTIESTÁGIO EBARA

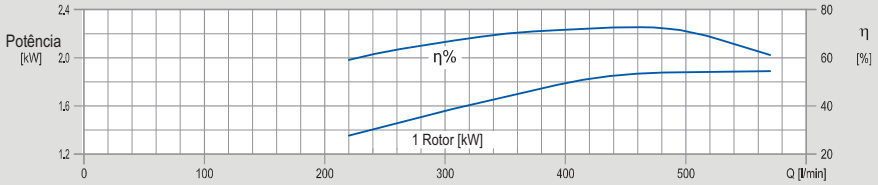
ROTAÇÃO

3.500 rpm

60 Hz

Norma: ISO 9006:2012 – Grau 3B





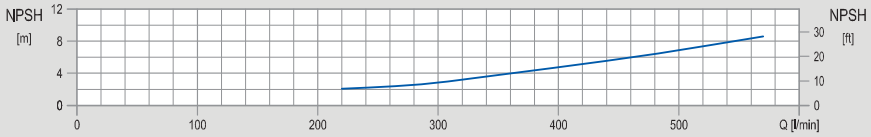


Tabela de conversão de potência											
KW	0,55	0,75	1,1	1,5	2,2	3,0	4,0	5,5	7,5	11,0	15,0
HP	0,75	1,0	1,5	2,0	3,0	4,0	5,5	7,5	10,0	15,0	20,0

EVMS

BOMBA VERTICAI MULTIESTÁGIO EBARA

TABELA DE SELEÇÃO
EVMS 1-3-5-10-15-20

	Modelo / Model / Modelo	Motor / Motor / Motor			Sucção/ Suction / Aspiración Recalque Discharge / Descarga		(bar)	Q = Vazão / Flow Rate / Caudal (m³/h)								
								l/min 0	13	25	48	50	75	90	120	160
	Trifásico Three phase	[kW]	[cv] [hp]	Carcaça Size Carcasa	Rosca Thread	Flange Brida		m³/h 0	0,8	1,5	2,9	3,0	4,5	5,4	7,2	9,6
								H = ALTURA MANOMÉTRICA / HEAD / ALTURA DE BOMBEO (mc.à.)								
1	EVMS(*)1 2N6	0,37	0,5	71	1"	DN25	16	17,2	16,4	15	10,3	-	-	-	-	-
	EVMS(*)1 3N6	0,37	0,5	71				25,8	24,6	22,5	15,5	-	-	-	-	-
	EVMS(*)1 4N6	0,37	0,5	71				34,5	32,7	30,0	20,6	-	-	-	-	-
	EVMS(*)1 5N6	0,37	0,5	71				43,1	40,9	37,5	25,4	-	-	-	-	-
	EVMS(*)1 6N6	0,55	0,75	71				51,5	49,1	45	31	-	-	-	-	-
	EVMS(*)1 7N6	0,55	0,75	71				60,5	57,5	52,5	36,1	-	-	-	-	-
	EVMS(*)1 8N6	0,75	1,0	80				69	65,5	60	41,5	-	-	-	-	-
	EVMS(*)1 9N6	0,75	1,0	80				77,5	73,5	67,5	46,4	-	-	-	-	-
	EVMS(*)1 10N6	0,75	1,0	80				86	82	75	51,5	-	-	-	-	-
	EVMS(*)1 11N6	1,1	1,5	80				94,5	90,0	82,5	57	-	-	-	-	-
	EVMS(*)1 12N6	1,1	1,5	80				103	98	90	62	-	-	-	-	-
	EVMS(*)1 13N6	1,1	1,5	80				112	106	97,5	67	-	-	-	-	-
	EVMS(*)1 14N6	1,1	1,5	80				121	115	105	72,5	-	-	-	-	-
	EVMS(*)1 16N6	1,5	2,0	90				138	131	120	82,5	-	-	-	-	-
	EVMS(*)1 18N6	1,5	2,0	90				155	147	135	93	-	-	-	-	-
	EVMS(*)1 20F6	1,5	2,0	90	-		25	172	164	150	103	-	-	-	-	-
	EVMS(*)1 22F6	2,2	3,0	90				190	180	165	114	-	-	-	-	-
	EVMS(*)1 24F6	2,2	3,0	90				207	193	180	124	-	-	-	-	-
	EVMS(*)1 26F6	2,2	3,0	90				224	213	195	134	-	-	-	-	-
	EVMS(*)1 27F6	2,2	3,0	90				233	221	202	139	-	-	-	-	-
	EVMS(*)1 29F6	2,2	3,0	90				250	237	217	150	-	-	-	-	-
3	EVMS(*)3 2N6	0,37	0,5	71	1"	DN25	16	21,4	-	20,5	18,9	18,7	15,5	12,4	-	-
	EVMS(*)3 3N6	0,55	0,75	71				32,1	-	30,7	28,3	28,0	23,3	18,6	-	-
	EVMS(*)3 4N6	0,75	1,0	80				43	-	41,0	37,7	37,4	31	24,8	-	-
	EVMS(*)3 5N6	0,75	1,0	80				53,5	-	51,0	47	46,5	38,8	31	-	-
	EVMS(*)3 6N6	1,1	1,5	80				64,5	-	61,5	56,5	56	46,5	37,2	-	-
	EVMS(*)3 7N6	1,1	1,5	80				75	-	71,5	66	65,5	54,5	43,5	-	-
	EVMS(*)3 8N6	1,5	2,0	90				85,5	-	82	75,5	74,5	62	49,5	-	-
	EVMS(*)3 9N6	1,5	2,0	90				96,5	-	92	85	84	69	56	-	-
	EVMS(*)3 10N6	1,5	2,0	90				107	-	102	94,5	93,5	77,5	62	-	-
	EVMS(*)3 11N6	2,2	3,0	90				118	-	113	104	103	85,5	68	-	-
	EVMS(*)3 12N6	2,2	3,0	90				129	-	123	113	112	93	74,5	-	-
	EVMS(*)3 13N6	2,2	3,0	90				139	-	133	123	122	101	80,5	-	-
	EVMS(*)3 14N6	2,2	3,0	90				150	-	143	132	131	109	86,5	-	-
	EVMS(*)3 15N6	3,0	4,0	100				161	-	154	142	140	116	93	-	-
	EVMS(*)3 16F6	3,0	4,0	100	-		25	172	-	164	151	150	124	99	-	-
	EVMS(*)3 17F6	3,0	4,0	100				182	-	174	160	159	132	11	-	-
	EVMS(*)3 19F6	3,0	4,0	100				204	-	195	179	178	147	118	-	-
	EVMS(*)3 20F6	3,0	4,0	100				214	-	205	189	187	155	124	-	-
	EVMS(*)3 21F6	4,0	5,5	112				225	-	215	198	196	163	130	-	-
	EVMS(*)3 22F6	4,0	5,5	112				236	-	225	208	206	171	136	-	-
	EVMS(*)3 23F6	4,0	5,5	112				247	-	235	217	215	178	143	-	-
5	EVMS(*)5 2N6	0,8	1,0	80	1 1/4"	DN32	16	27,6	-	-	-	26,1	24,6	23,4	20,4	14,6
	EVMS(*)5 3N6	1,1	1,5	80				41,4	-	-	-	39,2	36,9	35,1	30,6	21,9
	EVMS(*)5 4N6	1,5	2,0	90				55	-	-	-	52,5	49	47	40,5	29,3
	EVMS(*)5 5N6	2,2	3,0	90				69	-	-	-	65,5	61,5	58	51	36,6
	EVMS(*)5 6N6	2,2	3,0	90				83	-	-	-	78,5	74	70	61	44
	EVMS(*)5 7N6	3,0	4,0	100				96,5	-	-	-	91,5	86	82	71,5	51
	EVMS(*)5 8N6	3,0	4,0	100				110	-	-	-	105	98,5	93,5	81,5	58,5
	EVMS(*)5 9N6	3,0	4,0	100				124	-	-	-	118	111	105	91,5	66
	EVMS(*)5 10N6	4,0	5,5	112				138	-	-	-	131	123	117	102	73
	EVMS(*)5 11N6	4,0	5,5	112				152	-	-	-	144	135	129	112	80,5
	EVMS(*)5 12N6	4,0	5,5	112				166	-	-	-	157	148	140	122	88
	EVMS(*)5 13F6	5,5	7,5	132	-		25	179	-	-	-	170	160	152	132	95
	EVMS(*)5 14F6	5,5	7,5	132				193	-	-	-	183	172	164	143	102
	EVMS(*)5 15F6	5,5	7,5	132				207	-	-	-	196	185	175	153	110
	EVMS(*)5 16F6	5,5	7,5	132				221	-	-	-	209	197	187	163	117
	EVMS(*)5 17F6	7,5	10,0	132				235	-	-	-	222	209	199	173	124
	EVMS(*)5 19F6	7,5	10,0	132				262	-	-	-	248	234	222	194	139

	Modelo / Model / Modelo	Motor / Motor / Motor			Sucção/ Suction / Aspiración Recalque Discharge / Descarga		PMT MWP (bar)	Q = Vazão / Flow Rate / Caudal (m³/h)													
								l/min 0	90	120	160	170	200	220	250	300	350	400	440	500	570
	Trifásico Three phase	[kW]	[cv] [hp]	Carcaça Size Carcasa	Rosca Thread	Flange Brida		m³/h 0	5,4	7,2	9,6	10,2	12	13,2	15	18	21	24	26,4	30	34,2
								H = ALTURA MANOMÉTRICA / HEAD / ALTURA DE BOMBEO (mc.à.)													
10	EVMS(*)10 1N6	0,75	1	80	1 1/2"	DN40	16	16	15,6	15,3	14,4	14,1	13	12,1	10,6	7,4	-	-	-	-	-
	EVMS(*)10 2N6	1,5	2	90				32	31,1	30,7	28,9	28,2	26,1	24,3	21,1	14,8	-	-	-	-	-
	EVMS(*)10 3N6	2,2	3	90				48	46,5	46	43,3	42,4	39,1	36,4	31,7	22,2	-	-	-	-	-
	EVMS(*)10 4N6	3	4	100				64	62	61,5	58	56,5	52	48,5	42	29,6	-	-	-	-	-
	EVMS(*)10 5N6	4	5,5	112				80	77,5	76,5	72	70,5	65	60,5	52,5	37	-	-	-	-	-
	EVMS(*)10 6N6	4	5,5	112				96	93,5	92	86,5	84,5	78	73	63,5	44,5	-	-	-	-	-
	EVMS(*)10 7N6	5,5	7,5	132				112	109	107	101	99	91	85	74	52	-	-	-	-	-
	EVMS(*)10 8N6	5,5	7,5	132				128	125	123	115	113	104	97,1	84,5	59	-	-	-	-	-
	EVMS(*)10 9N6	5,5	7,5	132				144	140	138	130	127	117	109	95	66,5	-	-	-	-	-
	EVMS(*)10 10N6	7,5	10	132				160	156	153	144	141	130	121	106	74	-	-	-	-	-
	EVMS(*)10 11F6	7,5	10	132	-		25	176	171	169	159	155	143	134	116	81,5	-	-	-	-	-
	EVMS(*)10 12F6	7,5	10	132				192	187	184	173	170	156	146	127	89	-	-	-	-	-
	EVMS(*)10 14F6	11	15	160				224	218	215	202	198	182	170	148	104	-	-	-	-	-
	EVMS(*)10 15F6	11	15	160				240	233	230	216	219	195	182	158	111	-	-	-	-	-
	EVMS(*)10 16F6	11	15	160				256	249	245	231	226	208	194	169	118	-	-	-	-	-
15	EVMS(*)15 1N6	1,5	2	90	2"	DN50	16	21,7	-	-	-	19,1	18,4	18	17,4	15,8	14,2	12,1	9,9	-	-
	EVMS(*)15 2N6	3	4	100				43,6	-	-	-	40	39,1	38,6	37,9	36,5	34,7	31,7	28,2	-	-
	EVMS(*)15 3N6	5,5	7,5	132				65,4	-	-	-	60	58,5	58	57	54,5	52	47,5	42,5	-	-
	EVMS(*)15 4N6	7,5	10	132				87	-	-	-	80,5	78,5	78	76	73	69	63,5	56,5	-	-
	EVMS(*)15 5N6	7,5	10	132				109	-	-	-	100	98	96,5	95	91	86,5	79,5	70,5	-	-
	EVMS(*)15 6N6	11	15	160				131	-	-	-	120	117	116	114	109	104	95,5	84,5	-	-
	EVMS(*)15 7N6	11	15	160				153	-	-	-	141	137	135	133	128	121	111	99	-	-
	EVMS(*)15 8F6	15	20	160 M	-		25	174	-	-	-	161	157	154	152	146	138	127	113	-	-
	EVMS(*)15 9F6	15	20	160 M				196	-	-	-	181	176	174	171	164	156	143	127	-	-
	EVMS(*)15 10 F6	15	20	160 M				218	-	-	-	201	196	193	190	182	173	159	141	-	-
	EVMS(*)15 11F6	18,5	25	160 L				240	-	-	-	221	215	212	208	201	190	175	155	-	-
	EVMS(*)15 12F6	18,5	25	160 L				262	-	-	-	241	235	232	227	219	208	190	169	-	-
20	EVMS(*)20 1N6	2,2	3	90	2"	DN50	16	25	-	-	-	-	-	20,7	20	18,7	16,9	14,9	13,1	9,5	4,3
	EVMS(*)20 2N6	4	5,5	112				49,5	-	-	-	-	-	44,5	44	42,5	41	39,4	37,5	32,8	24,9
	EVMS(*)20 3N6	7,5	10	132				74	-	-	-	-	-	67	65,5	64	61,5	59	56	49	37,3
	EVMS(*)20 4N6	7,5	10	132				99	-	-	-	-	-	89,5	87,5	85	82	79	75	65,5	49,8
	EVMS(*)20 5N6	11	15	160				124	-	-	-	-	-	112	110	106	103	98,5	93,5	82	62
	EVMS(*)20 6N6	11	15	160				148	-	-	-	-	-	134	131	128	123	118	112	98,5	75
	EVMS(*)20 7F6	15	20	160 M	-		25	173	-	-	-	-	-	156	153	149	144	138	131	115	87
	EVMS(*)20 8F6	15	20	160 M				198	-	-	-	-	-	179	175	170	164	158	150	131	99,5
	EVMS(*)20 9F6	18,5	25	160 L				223	-	-	-	-	-	201	197	191	185	177	169	148	112
	EVMS(*)20 10 F6	18,5	25	160 L				247	-	-	-	-	-	223	219	213	206	197	187	164	124

EVM32

BOMBA VERTICAI MULTIESTÁGIO EBARA

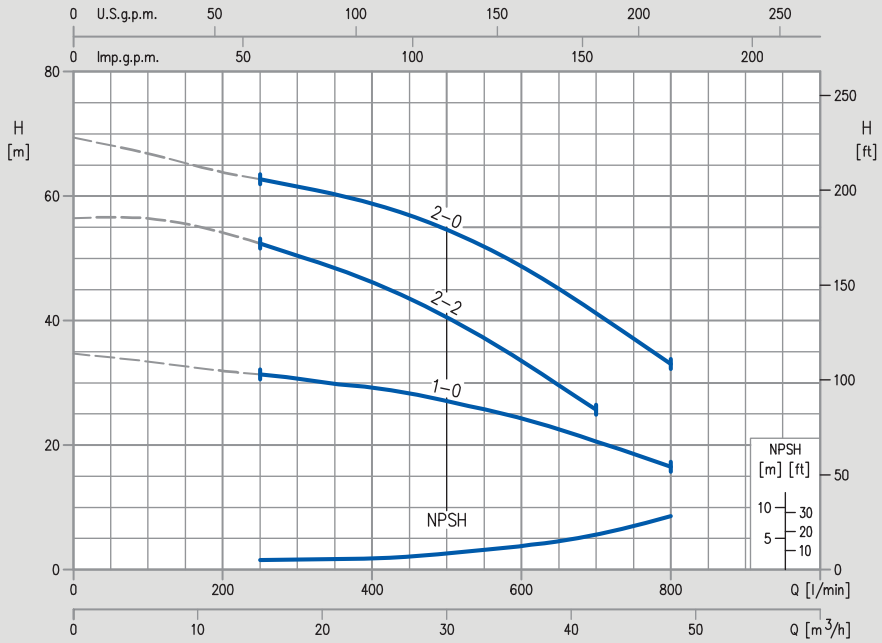
EVM(.) 32 1-0 F6/4.0 (4.0 kW) - n.1 IMPELLER DIAMETER: 136 mm
EVM(.) 32 2-2 F6/5.5 (5.5 kW) - n.2 IMPELLERS DIAMETER: 125 mm
EVM(.) 32 2-0 F6/7.5 (7.5 kW) - n.2 IMPELLERS DIAMETER: 136 mm

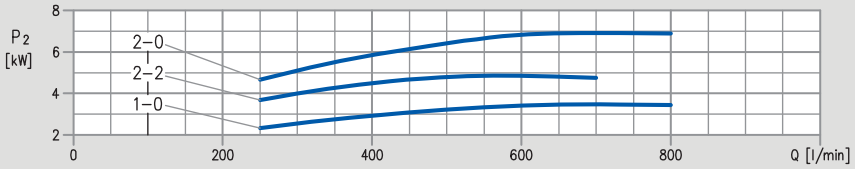
ROTAÇÃO

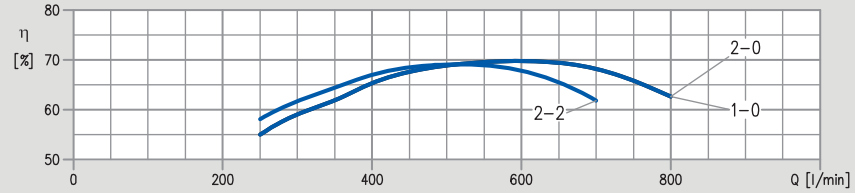
3.500 rpm

60 Hz

Norma: ISO 9006:2012 – Grau 3B







EVM32

BOMBA VERTICAI MULTIESTÁGIO EBARA

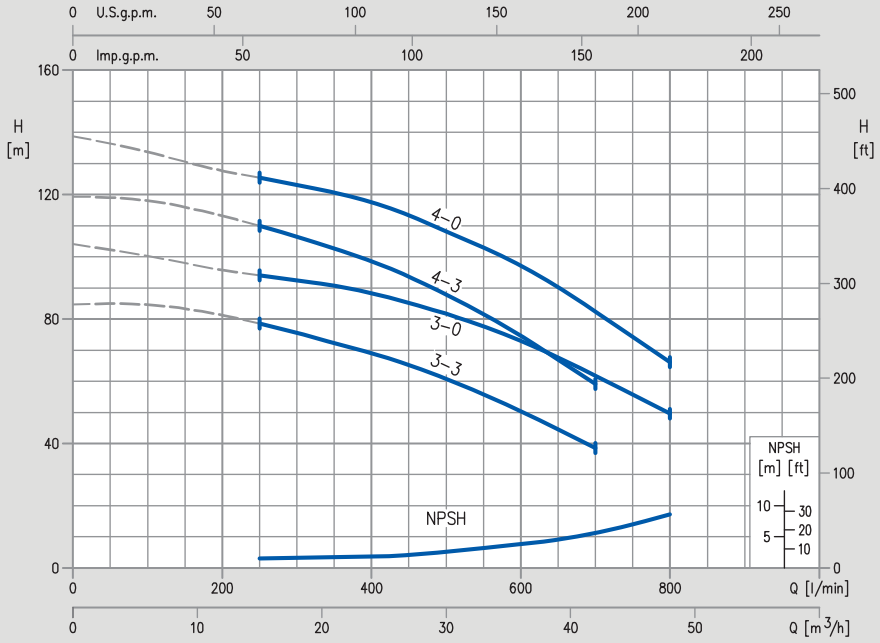
EVM(.) 32 3-3 F6/7.5 (7.5kW) - n.3 IMPELLERS DIAMETER: 125 mm
EVM(.) 32 3-0 F6/11 (11kW) - n.3 IMPELLERS DIAMETER: 136 mm
EVM(.) 32 4-3 F6/11 (11kW) - n.1 IMPELLER DIAMETER: 136 mm / n.3 IMPELLERS DIAMETER: 125 mm
EVM(.) 32 4-0 F6/15 (15kW) - n.4 IMPELLERS DIAMETER: 136 mm

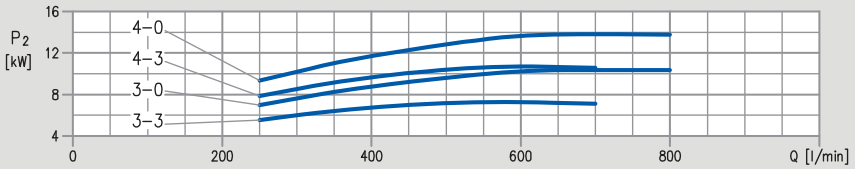
ROTAÇÃO

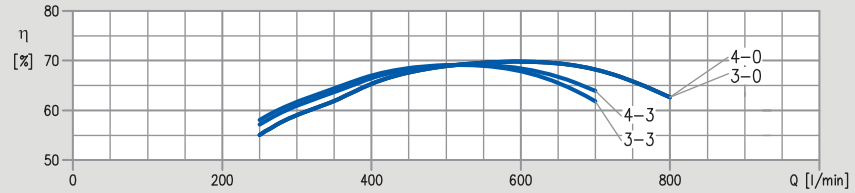
3.500 rpm

60 Hz

Norma: ISO 9006:2012 – Grau 3B







EVM32

BOMBA VERTICAI MULTIESTÁGIO EBARA

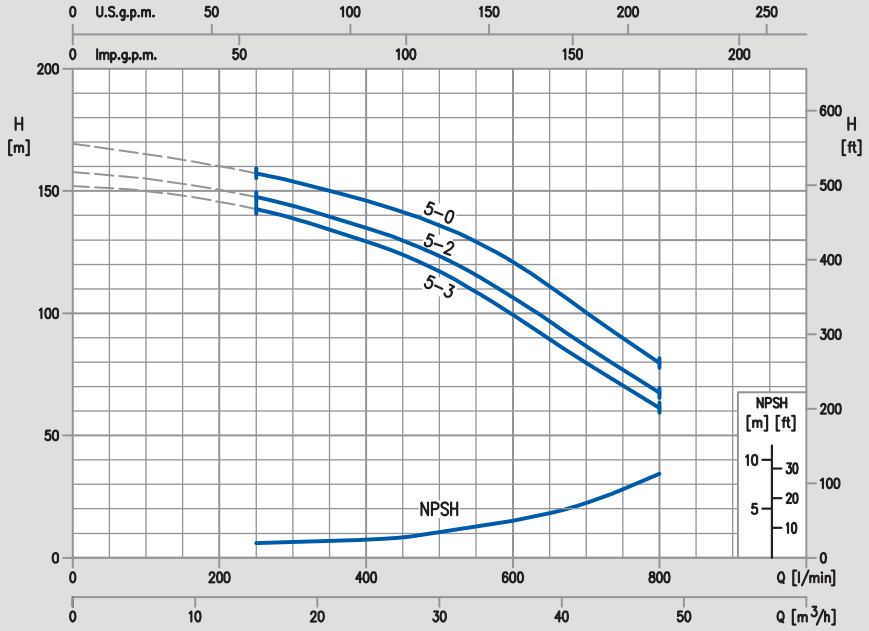
EVM(.) 32 5-3 F6/15 (15kW) - n.2 IMPELLERS DIAMETER = 136 mm / n.3 IMPELLERS DIAMETER = 125 mm
EVM(.) 32 5-2 F6/15 (15kW) - n.3 IMPELLERS DIAMETER = 136 mm / n.2 IMPELLER DIAMETER = 125 mm
EVM(.) 32 5-0 F6/18.5 (18.5kW) - n.5 IMPELLERS DIAMETER = 136 mm

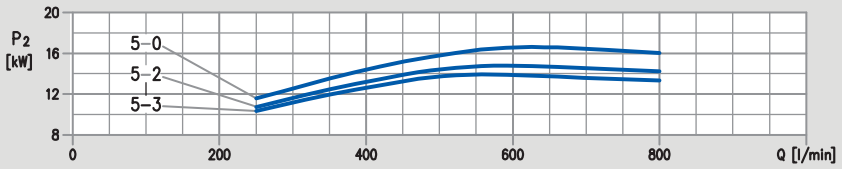
ROTAÇÃO

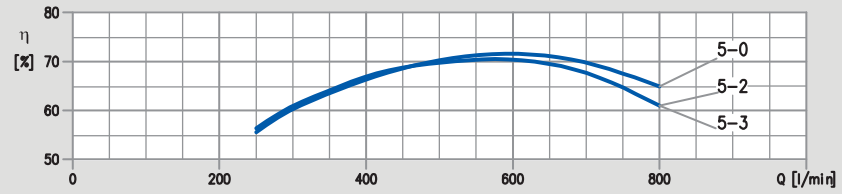
3.500 rpm

60 Hz

Norma: ISO 9006:2012 – Grau 3B







EVM32

BOMBA VERTICAI MULTIESTÁGIO EBARA

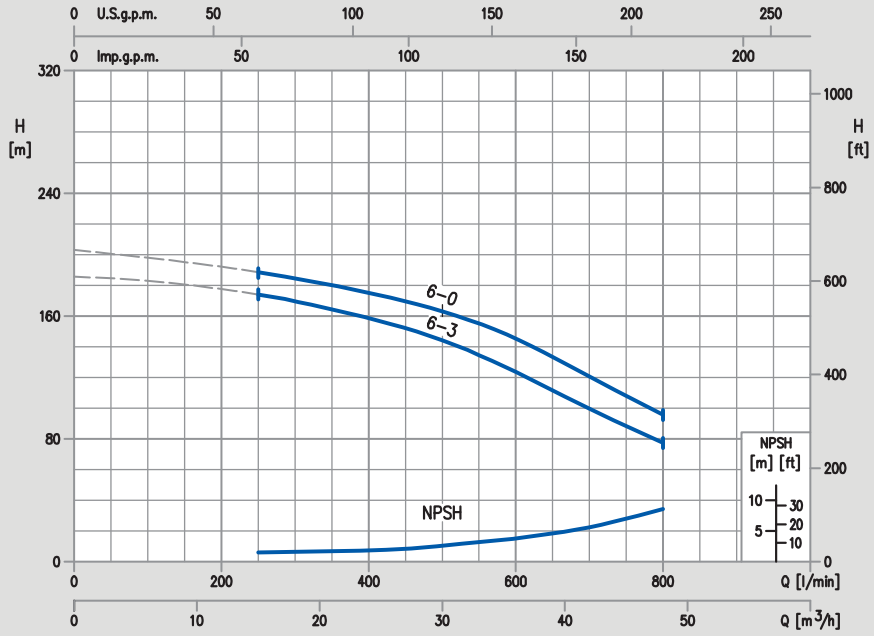
EVM(.) 32 6-3 F6/18.5 (18.5kW) - n.3 IMPELLERS DIAMETER = 136 mm / n.3 IMPELLERS DIAMETER = 125 mm
EVM(.) 32 6-0 F6/22 (22kW) - n.6 IMPELLERS DIAMETER = 136 mm

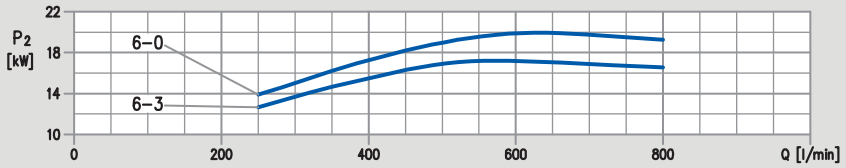
ROTAÇÃO

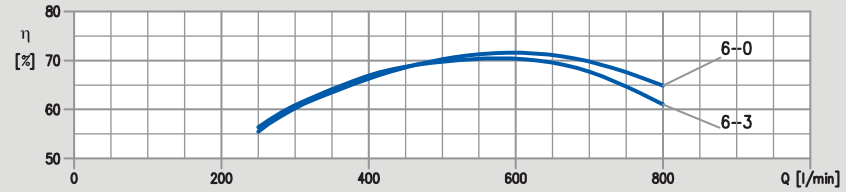
3.500 rpm

60 Hz

Norma: ISO 9006:2012 – Grau 3B







EVM32

BOMBA VERTICAI MULTIESTÁGIO EBARA

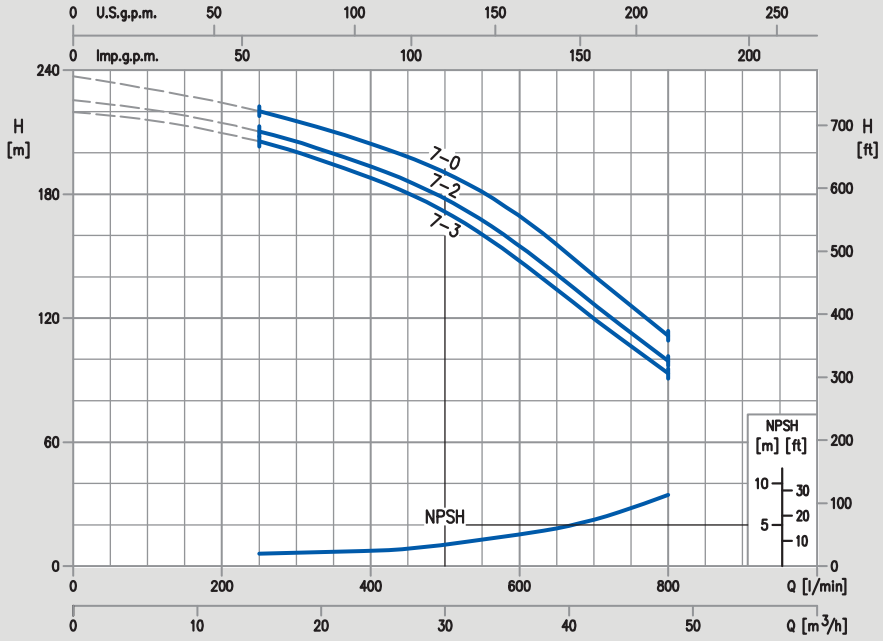
EVM(.) 32 7-3 F6/22 (22kW) - n.4 IMPELLERS DIAMETER = 136 mm / n.3 IMPELLERS DIAMETER = 125 mm
EVM(.) 32 7-2 F6/22 (22kW) - n.5 IMPELLERS DIAMETER = 136 mm / n.2 IMPELLERS DIAMETER = 125 mm
EVM(.) 32 7-0 F6/30 (30kW) - n.7 IMPELLERS DIAMETER = 136 mm

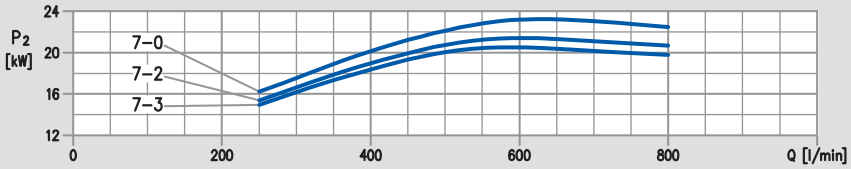
ROTAÇÃO

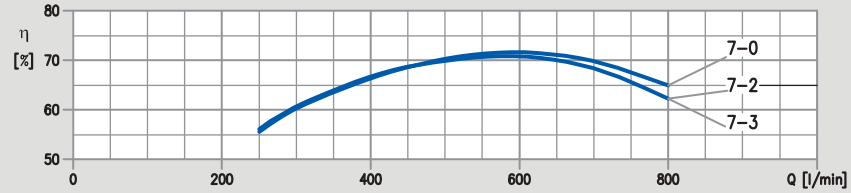
3.500 rpm

60 Hz

Norma: ISO 9006:2012 – Grau 3B







EVM32

BOMBA VERTICAI MULTIESTÁGIO EBARA

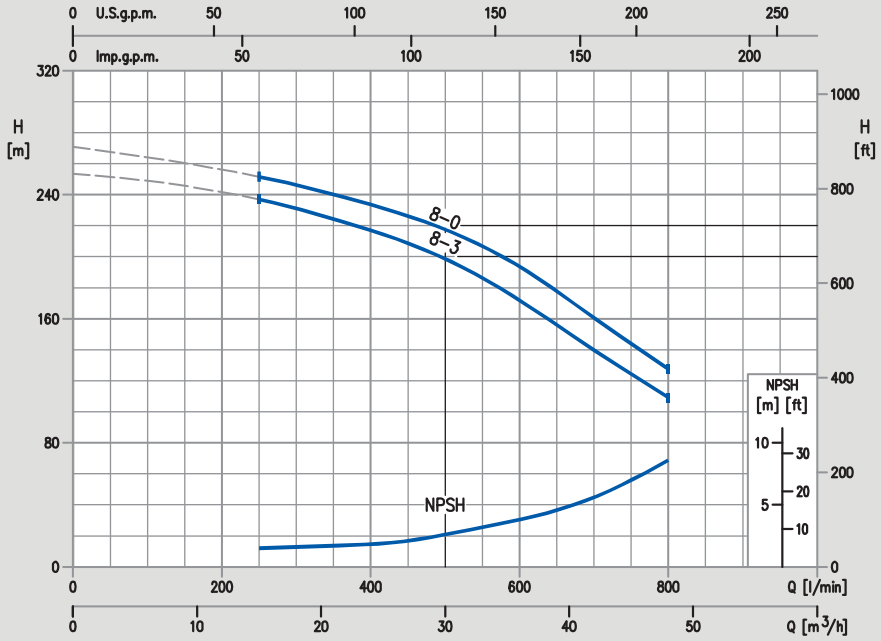
EVM(.) 32 8-3 F6/30 (30kW) - n. 5 IMPELLERS DIAMETER = 136 mm / n.3 IMPELLERS DIAMETER = 125 mm
EVM(.) 32 8-0 F6/30 (30kW) - n. 8 IMPELLERS DIAMETER = 136 mm

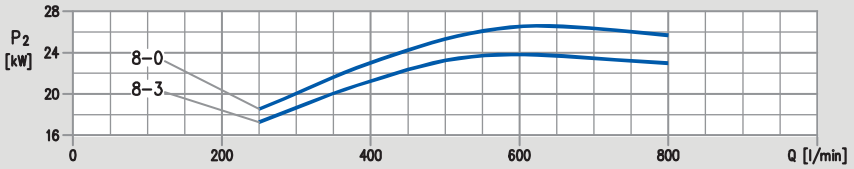
ROTAÇÃO

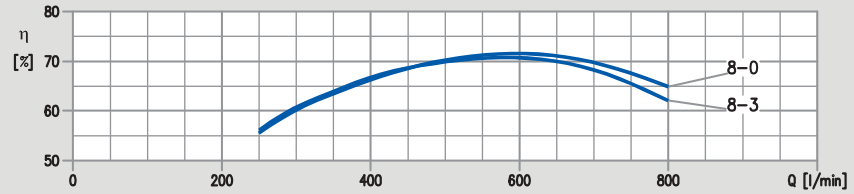
3.500 rpm

60 Hz

Norma: ISO 9006:2012 – Grau 3B







EVM32

BOMBA VERTICAI MULTIESTÁGIO EBARA

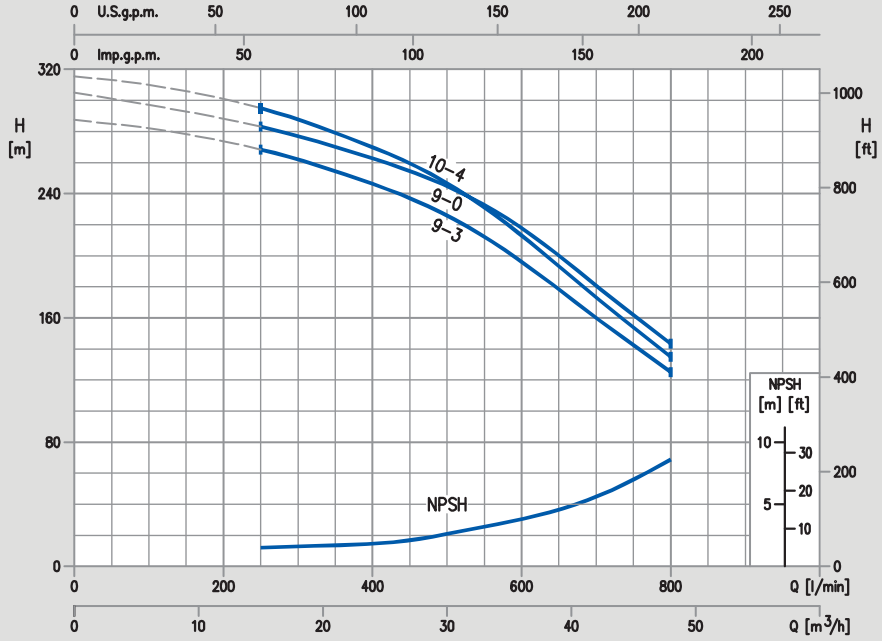
EVM(.) 32 9-3 F6 30/(30kW) - n.6 IMPELLERS DIAMETER = 136 mm / n.3 IMPELLERS DIAMETER = 125 mm
EVM(.) 32 9-0 F6 30/(30kW) - n.9 IMPELLERS DIAMETER= 136 mm
EVM(.) 32 10-4 F6 30/(30kW) - n.6 IMPELLERS DIAMETER = 136 mm / n.4 IMPELLERS DIAMETER = 125 mm

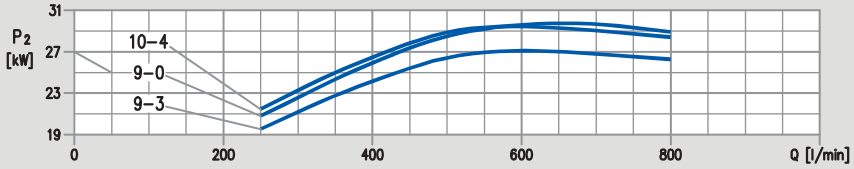
ROTAÇÃO

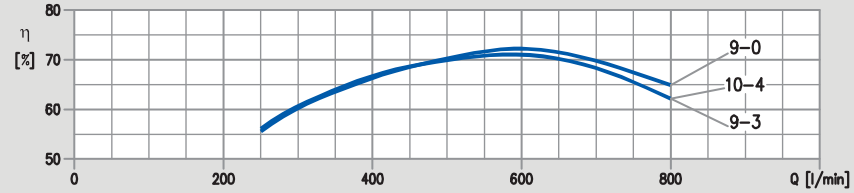
3.500 rpm

60 Hz

Norma: ISO 9006:2012 – Grau 3B







EVM45

BOMBA VERTICAI MULTIESTÁGIO EBARA

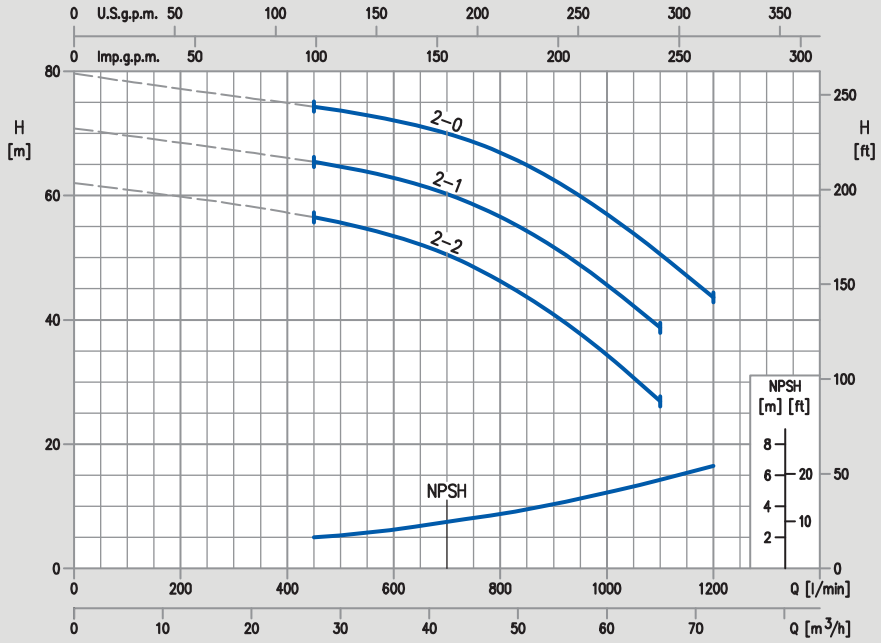
EVM(.) 45 2-2 F6/11 (11kW) - n.2 IMPELLERS DIAMETER = 127 mm
EVM(.) 45 2-1 F6/11 (11kW) - n.1 IMPELLER DIAMETER = 143 mm / n.1 IMPELLER DIAMETER = 127 mm
EVM(.) 45 2-0 F6/15 (15kW) - n.2 IMPELLERS DIAMETER = 143 mm

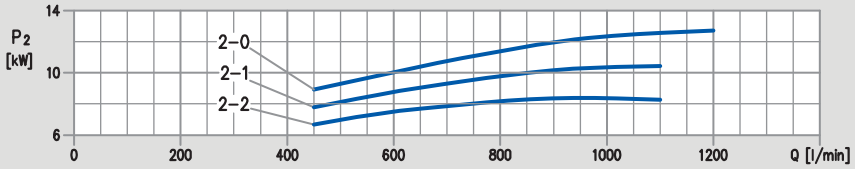
ROTAÇÃO

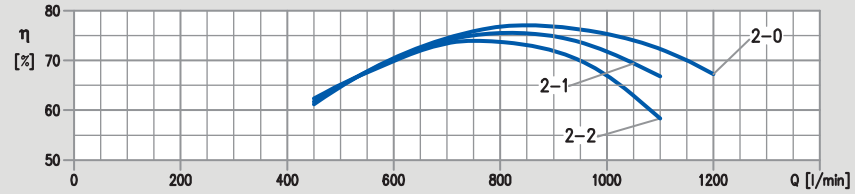
3.500 rpm

60 Hz

Norma: ISO 9006:2012 – Grau 3B







EVM45

BOMBA VERTICAI MULTIESTÁGIO EBARA

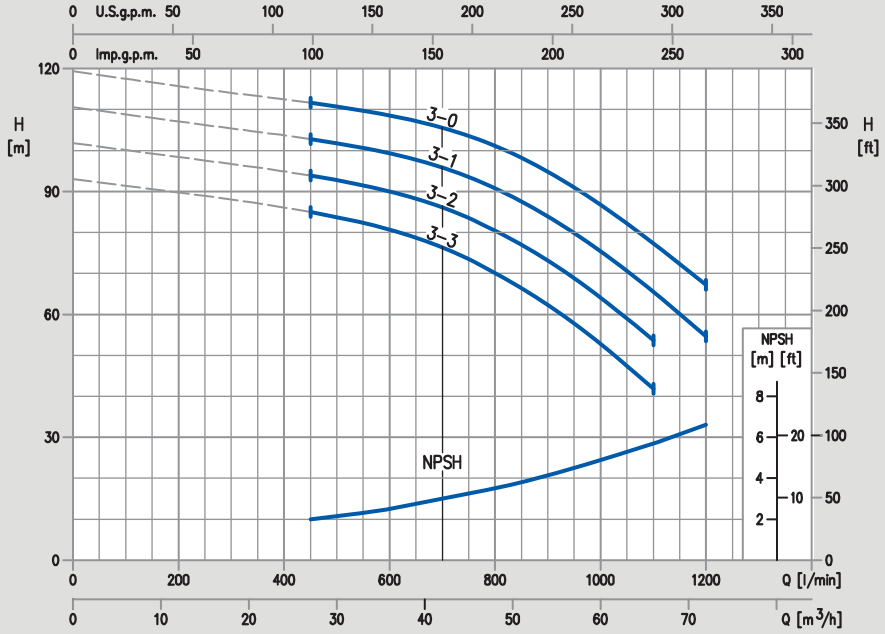
EVM(.) 45 3-3 F6/15 (15kW) - n.3 IMPELLERS DIAMETER = 127 mm
EVM(.) 45 3-2 F6/15 (15kW) - n.1 IMPELLER DIAMETER = 143 mm / n.2 IMPELLERS DIAMETER = 127 mm
EVM(.) 45 3-1 F6/18.5 (18.5kW) - n.2 IMPELLERS DIAMETER = 143 mm / n.1 IMPELLER DIAMETER = 127 mm
EVM(.) 45 3-0 F6/22 (22kW) - n.3 IMPELLERS DIAMETER = 143 mm

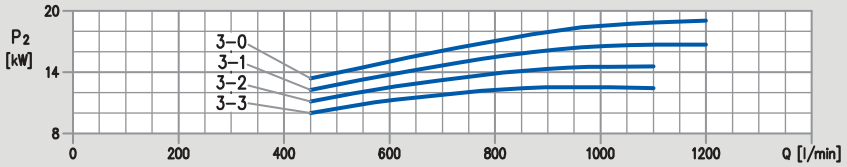
ROTAÇÃO

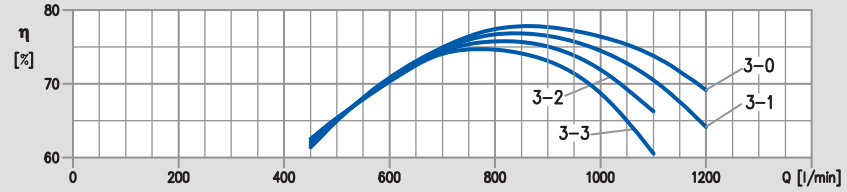
3.500 rpm

60 Hz

Norma: ISO 9006:2012 – Grau 3B







EVM45

BOMBA VERTICAI MULTIESTÁGIO EBARA

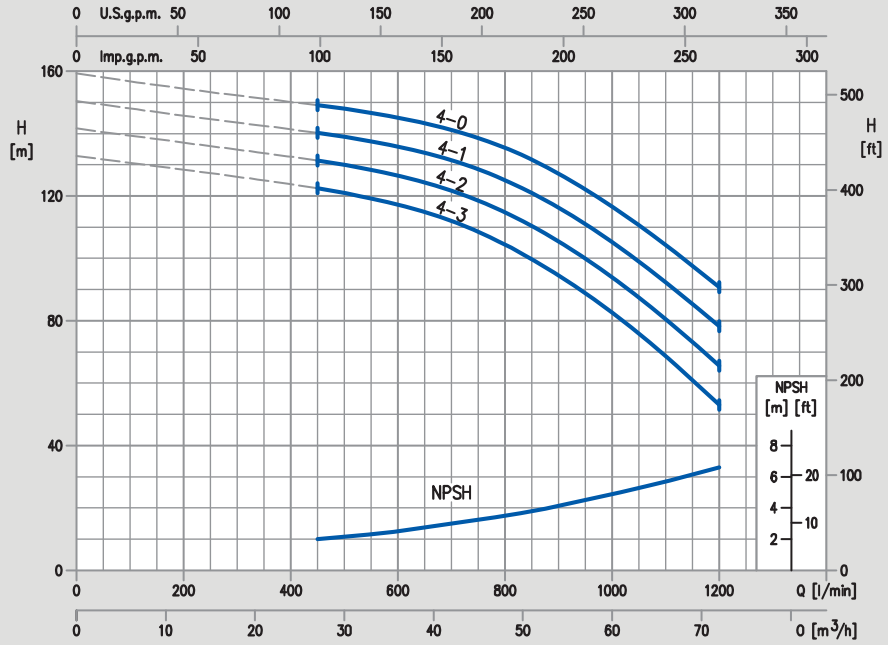
EVM(.) 45 4-3 F6/18.5 (18.5kW) - n.1 IMPELLER DIAMETER = 143 mm / n.3 IMPELLERS DIAMETER = 127 mm
EVM(.) 45 4-2 F6/22 (22kW) - n.2 IMPELLERS DIAMETER = 143 mm / n.2 IMPELLERS DIAMETER = 127 mm
EVM(.) 45 4-1 F6/30 (30kW) - n.3 IMPELLERS DIAMETER = 143 mm / n.1 IMPELLER DIAMETER = 127 mm
EVM(.) 45 4-0 F6/30 (30kW) - n.4 IMPELLERS DIAMETER = 143 mm

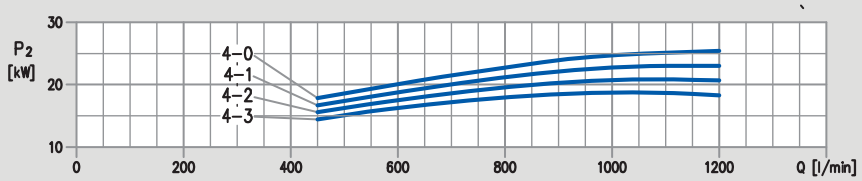
ROTAÇÃO

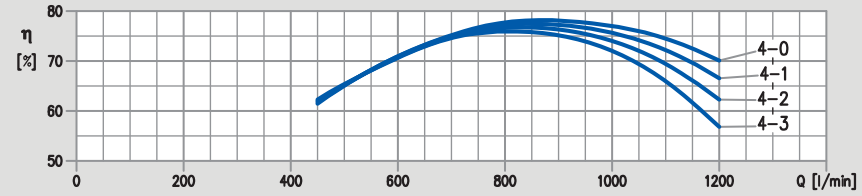
3.500 rpm

60 Hz

Norma: ISO 9006:2012 – Grau 3B







EVM45

BOMBA VERTICAI MULTIESTÁGIO EBARA

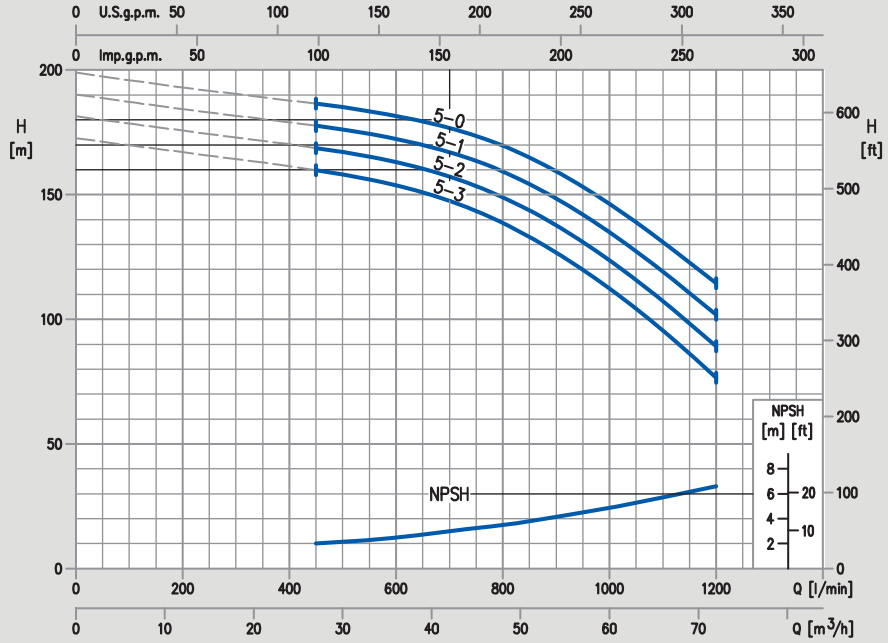
EVM(.) 45 5-3 F6/30 (30kW) - n. 2 IMPELLERS DIAMETER = 143 mm / n.3 IMPELLERS DIAMETER = 127 mm
EVM(.) 45 5-2 F6/30 (30kW) - n. 3 IMPELLERS DIAMETER = 143 mm / n.2 iMPELLERS DIAMETER = 127 mm
EVM(.) 45 5-1 F6/30 (30kW) - n. 4 IMPELLERS DIAMETER = 143 mm / n.1 IMPELLER DIAMETER = 127 mm
EVM(.) 45 5-0 F6/37 (37kW) - n. 5 IMPELLERS DIAMETER = 143 mm

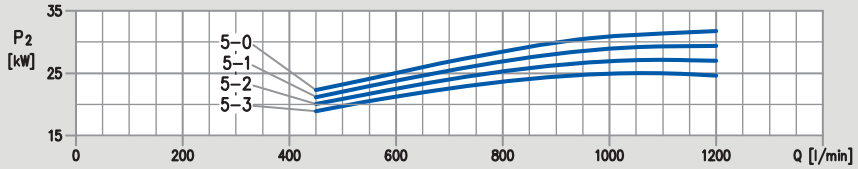
ROTAÇÃO

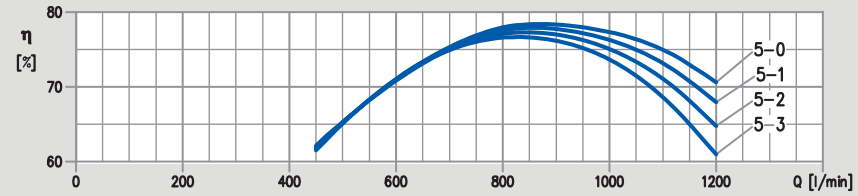
3.500 rpm

60 Hz

Norma: ISO 9006:2012 – Grau 3B







EVM45

BOMBA VERTICAI MULTIESTÁGIO EBARA

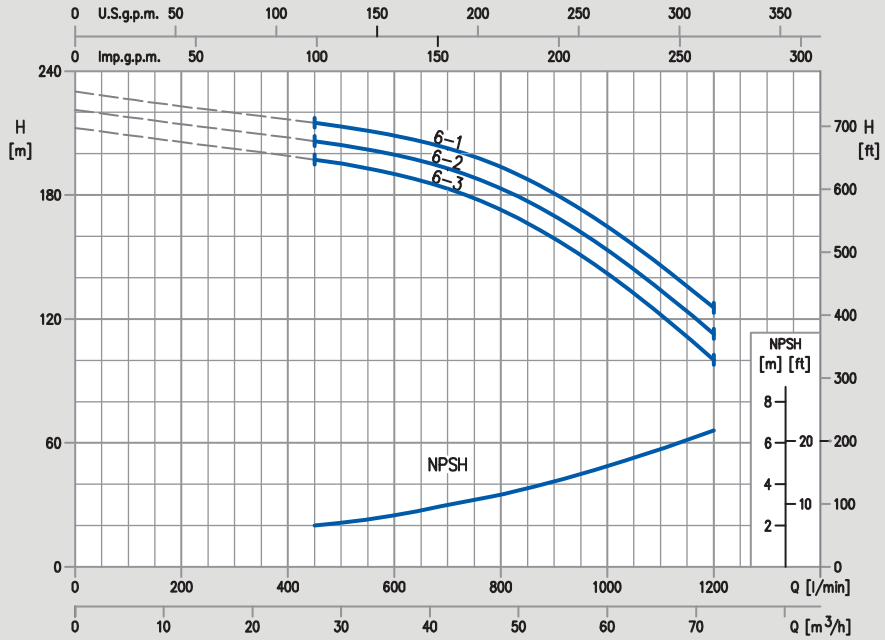
EVM(.) 45 6-3 F6/37 (37kW) - n. 3 IMPELLERS DIAMETER = 143 mm / n.3 IMPELLERS DIAMETER = 127 mm
EVM(.) 45 6-2 F6/37 (37kW) - n. 4 IMPELLERS DIAMETER = 143 mm / n.2 IMPELLERS DIAMETER = 127 mm
EVM(.) 45 6-1 F6/37 (37kW) - n. 5 IMPELLERS DIAMETER= 143 mm / n.1 IMPELLER DIAMETER = 127 mm

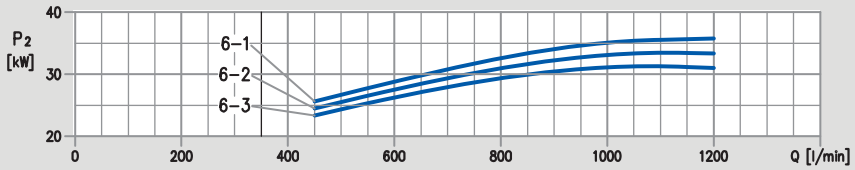
ROTAÇÃO

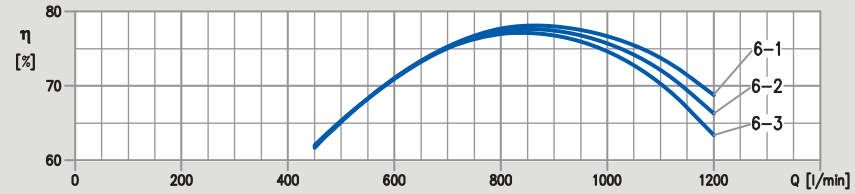
3.500 rpm

60 Hz

Norma: ISO 9006:2012 – Grau 3B







EVM45

BOMBA VERTICAI MULTIESTÁGIO EBARA

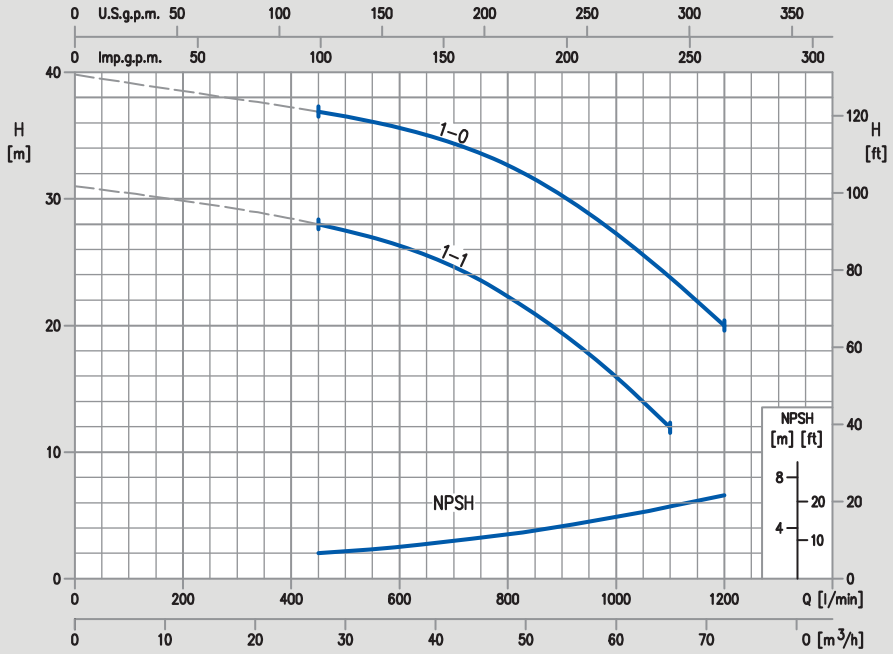
EVM(.) 45 1-1 F6/5.5 (5.5kW) - n.1 IMPELLER DIAMETER = 127 mm
EVM(.) 45 1-0 F6/7.5 (7.5kW) - n.1 IMPELLER DIAMETER = 143 mm

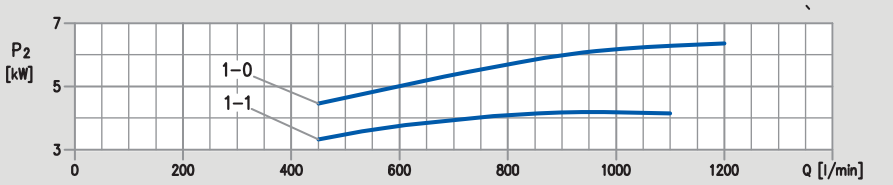
ROTAÇÃO

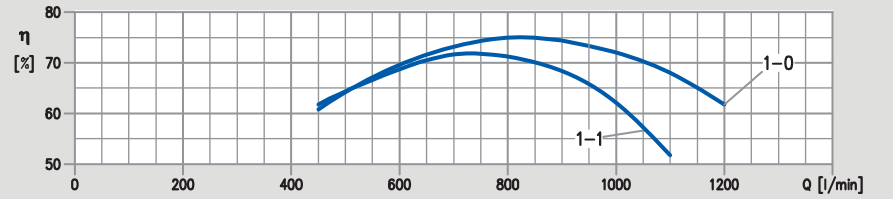
3.500 rpm

60 Hz

Norma: ISO 9006:2012 – Grau 3B







EVM64

BOMBA VERTICAI MULTIESTÁGIO EBARA

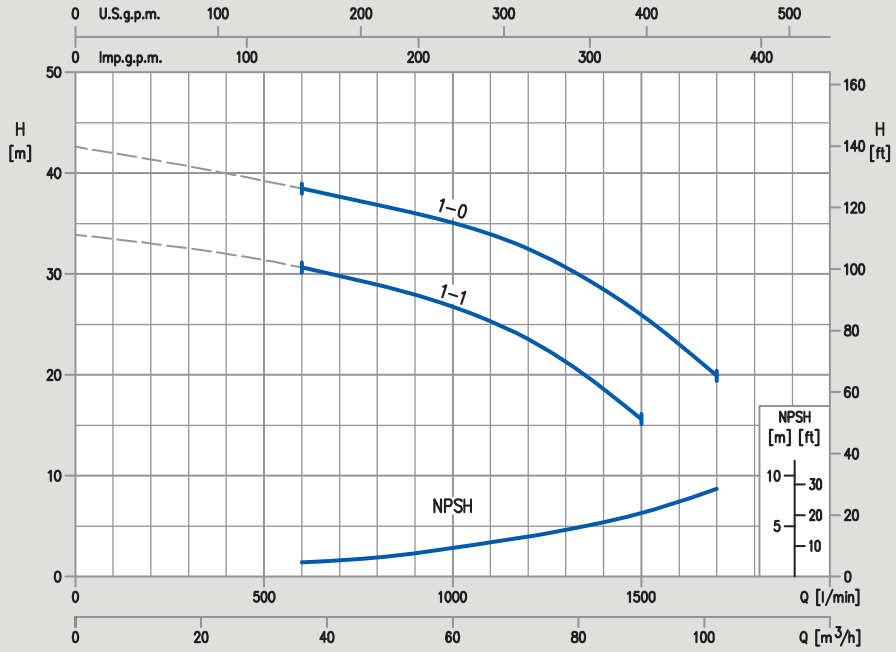
EVM(.) 64 1-1 F6/7.5 (7.5kW) - n.1 IMPELLER DIAMETER = 131 mm
EVM(.) 64 1-0 F6/11 (11kW) - n.1 IMPELLER DIAMETER = 143 mm

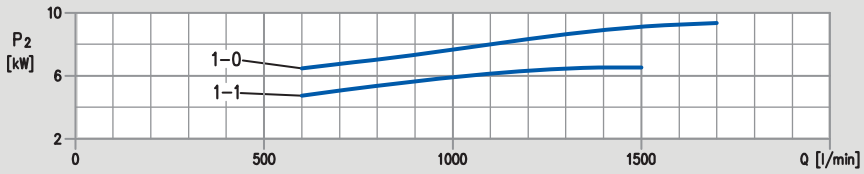
ROTAÇÃO

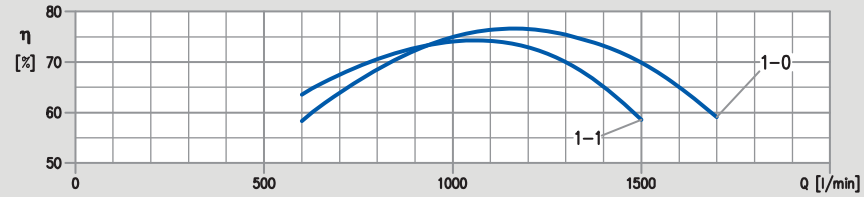
3.500 rpm

60 Hz

Norma: ISO 9006:2012 – Grau 3B







EVM64

BOMBA VERTICAI MULTIESTÁGIO EBARA

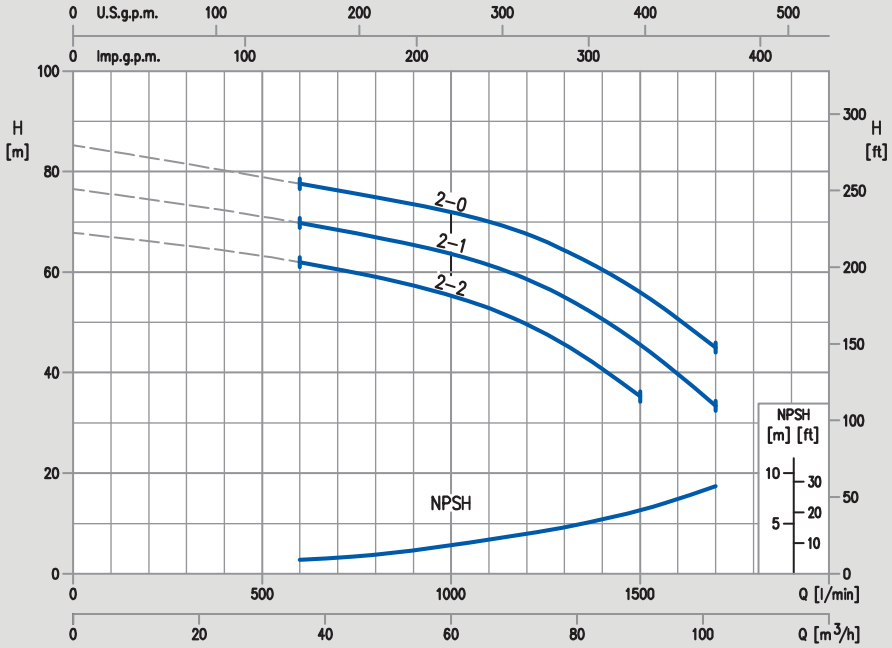
EVM(.) 64 2-2 F6/15 (15kW) - n.2 IMPELLERS DIAMETER = 131 mm
EVM(.) 64 2-1 F6/18.5 (18.5kW) - n.1 IMPELLER DIAMETER = 143 mm / n.1 IMPELLER DIAMETER = 131mm
EVM(.) 64 2-0 F6/22 (22kW) - n.2 IMPELLERS DIAMETER = 143 mm

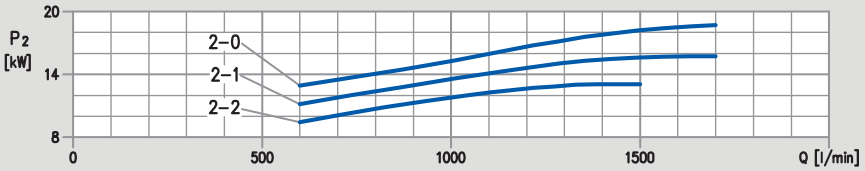
ROTAÇÃO

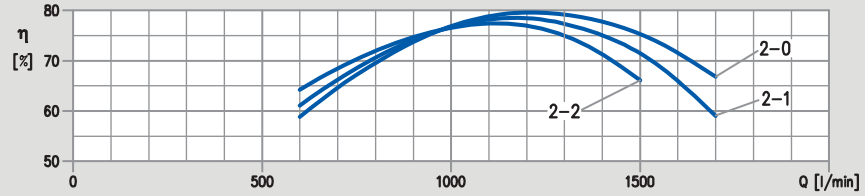
3.500 rpm

60 Hz

Norma: ISO 9006:2012 – Grau 3B







EVM64

BOMBA VERTICAI MULTIESTÁGIO EBARA

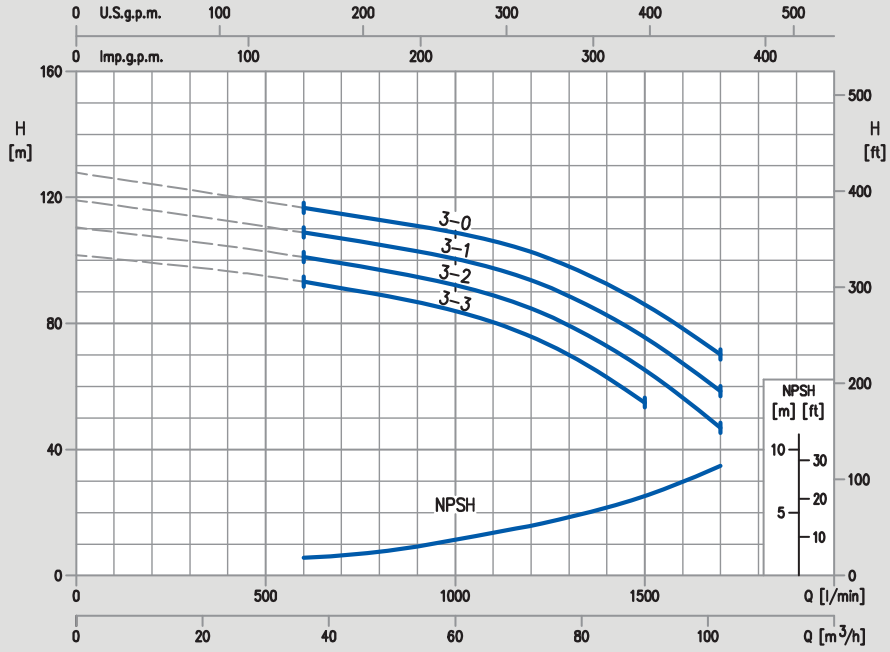
EVM(.) 64 3-3 F6/22 (22kW) - n.3 IMPELLERS DIAMETER = 131 mm
EVM(.) 64 3-2 F6/30 (30kW) - n.1 IMPELLER DIAMETER = 143 mm / n.2 IMPELLERS DIAMETER = 131 mm
EVM(.) 64 3-1 F6/30 (30kW) - n.2 IMPELLERS DIAMETER = 143 mm / n.1 IMPELLER DIAMETER = 131 mm
EVM(.) 64 3-0 F6/30 (30kW) - n.3 IMPELLERS DIAMETER = 143 mm

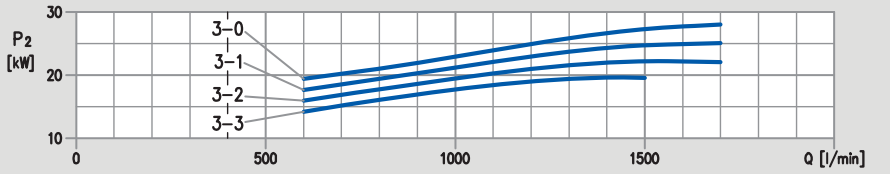
ROTAÇÃO

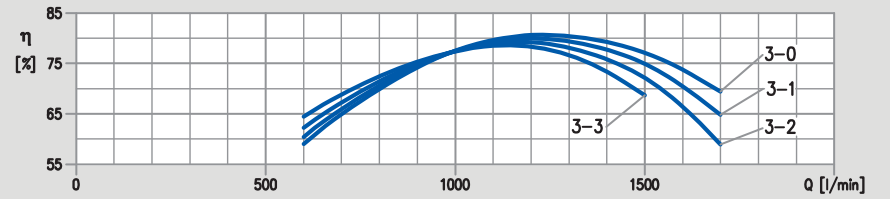
3.500 rpm

60 Hz

Norma: ISO 9006:2012 – Grau 3B







EVM64

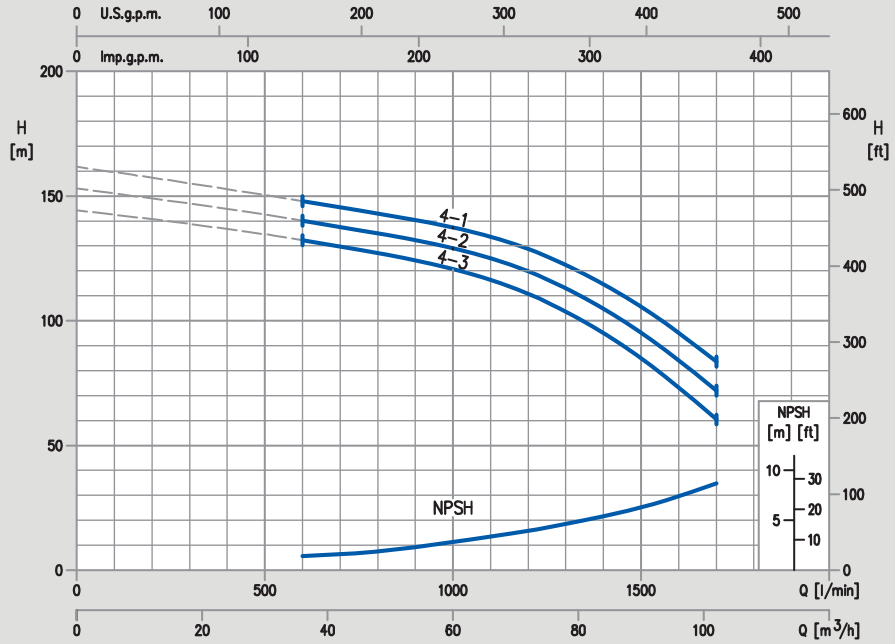
BOMBA VERTICAI MULTIESTÁGIO EBARA

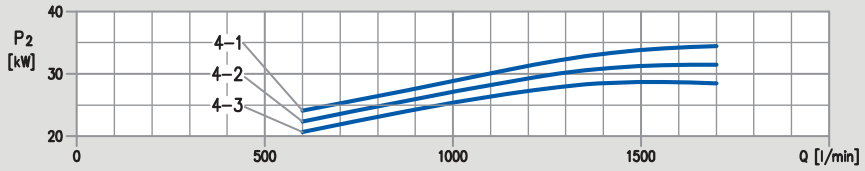
EVM(.) 64 4-3 F6/30 (30kW) - n.1 IMPELLER DIAMETER = 143 mm / n.3 IMPELLERS DIAMETER = 131mm
EVM(.) 64 4-2 F6/37 (37kW) - n.2 IMPELLERS DIAMETER = 143 mm / n.2 IMPELLERS DIAMETER = 131mm
EVM(.) 64 4-1 F6/37 (37kW) - n.3 IMPELLERS DIAMETER = 143 mm / n.1 IMPELLER DIAMETER = 131mm

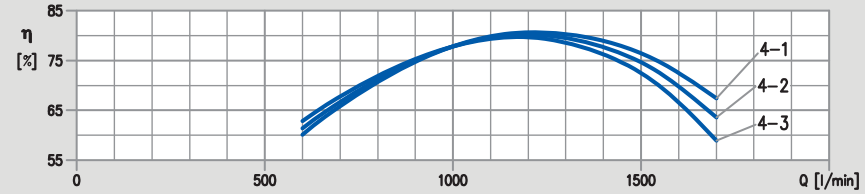
ROTAÇÃO

3.500 rpm

60 Hz







EVM

BOMBA VERTICAI MULTIESTÁGIO EBARA

TABELA DE SELEÇÃO
EVM 32 - 45 - 64

	Modelo Model / Modelo Trifásico Three phase	Motor / *Motor* / *Motor* [kW]	 [cv] [hp]	 Carcaça *Size* *Carcasa*	Sucção *Suction / Aspiración* Recalque *Discharge / Descarga* Flange / Brida	PMT MWP (bar)	Q = Vazão / Flow Rate / Caudal (m³/h) l/min 0	250	450	600	700	800	950	1100	1200	1500	1700
							m ³/h 0	15	27	36	42	48	57	66	72	90	102
							H = ALTURA MANOMÉTRICA / HEAD / ALTURA DE BOMBEO (mc.à.)										
32	EVM(*)32 1-0F6	4.0	6	112 M	DN65	16	34.7	31.4	28.3	24.3	20.6	16.5	-	-	-	-	-
	EVM(*)32 2-2F6	5.5	7.5	132 S			56.5	52.5	43.5	33.6	25.7	-	-	-	-	-	-
	EVM(*)32 2-0F6	7.5	10	132 S			69.5	63	56.6	48.5	41	33.1	-	-	-	-	-
	EVM(*)32 3-3F6	7.5	10	132 S			84.5	79	65.3	50.5	38.5	-	-	-	-	-	-
	EVM(*)32 3-0F6	11	15	160 M			104	94	85	72.5	62	49.5	-	-	-	-	-
	EVM(*)32 4-3F6	11	15	160 M			119	110	93.5	74.5	59	-	-	-	-	-	-
	EVM(*)32 4-0F6	15	20	160 M			139	125	113	97	82.5	66	-	-	-	-	-
	EVM(*)32 5-3F6	15	20	160 M			152	143	124	99.5	79.5	61.5	-	-	-	-	-
	EVM(*)32 5-2F6	15	20	160 M			158	147	130	107	86.5	67.5	-	-	-	-	-
	EVM(*)32 5-0F6	18.5	25	160 L			169	157	141	121	100	79.5	-	-	-	-	-
	EVM(*)32 6-3F6	18.5	25	160 L	DN65	25	186	174	152	124	100	77.5	-	-	-	-	-
	EVM(*)32 6-0F6	22	30	180 M			203	189	170	145	121	95.5	-	-	-	-	-
	EVM(*)32 7-3F6	22	30	180 M			220	205	180	148	120	93	-	-	-	-	-
	EVM(*)32 7-2F6	22	30	180 M			221	210	186	155	127	99.5	-	-	-	-	-
	EVM(*)32 7-0F6	30	40	200 L			237	220	198	169	141	112	-	-	-	-	-
	EVM(*)32 8-3F6	30	40	200 L			254	237	209	172	140	109	-	-	-	-	-
	EVM(*)32 8-0F6	30	40	200 L	DN65	30	271	252	226	194	161	127	-	-	-	-	-
	EVM(*)32 9-3F6	30	40	200L			288	268	237	196	160	125	-	-	-	-	-
	EVM(*)32 9-0F6	30	40	200 L			305	283	255	218	181	143	-	-	-	-	-
	EVM(*)32 10-4F6	30	40	200 L			316	295	259	213	173	135	-	-	-	-	-
45	EVM(*)45 1-1F6	5.5	7.5	132 S	DN80	16	31	-	28	26.3	24.6	22.3	17.7	11.9	-	-	-
	EVM(*)45 1-0F6	7.5	10	132 S			398	-	36.9	35.6	34.4	32.7	28.8	23.8	20	-	-
	EVM(*)45 2-2F6	11	15	160 M			62	-	56.5	53.5	50.5	46	37.7	26.9	-	-	-
	EVM(*)45 2-1F6	11	15	160 M			71	-	65.5	63	60	56.5	49	38.7	-	-	-
	EVM(*)45 2-0F6	15	20	160 M			795	-	74.5	72	70	67	60	50.5	43.5	-	-
	EVM(*)45 3-3F6	15	20	160 M			93	-	85	80.5	76.5	70	57.5	42	-	-	-
	EVM(*)45 3-2F6	15	20	160 M			102	-	94	90	86	80.5	69	53.5	-	-	-
	EVM(*)45 3-1F6	18.5	25	160 L			111	-	103	99.5	96	91	80	65.5	54.5	-	-
	EVM(*)45 3-0F6	22	30	180 M			119	-	112	109	106	101	91	77.5	67	-	-
	EVM(*)45 4-3F6	185	25	160 L			133	-	122	117	112	104	89	68.5	53	-	-
	EVM(*)45 4-2F6	22	30	180 M			142	-	131	127	122	115	100	80.5	65.5	-	-
	EVM(*)45 4-1F6	30	40	200 L			150	-	140	136	131	125	111	92.5	78	-	-
	EVM(*)45 4-0F6	30	40	200 L			159	-	149	145	141	135	122	104	91	-	-
	EVM(*)45 5-3F6	30	40	200 L	DN80	25	173	-	160	154	148	139	120	95	76.5	-	-
	EVM(*)45 5-2F6	30	40	200 L			181	-	169	163	157	149	131	107	89	-	-
	EVM(*)45 5-1F6	30	40	200 L			190	-	178	172	167	159	142	119	102	-	-
	EVM(*)45 5-0F6	37	50	200 L			199	-	187	182	177	170	153	131	114	-	-
	EVM(*)45 6-3F6	37	50	200 L			212	-	197	190	183	173	151	122	100	-	-
	EVM(*)45 6-2F6	37	50	200 L			221	-	206	200	193	183	162	134	113	-	-
	EVM(*)45 6-1F6	37	50	200 L			230	-	215	209	203	194	173	146	125	-	-
64	EVM(*)64 1-1F6	7.5	10	132 S	DN100	16	339	-	-	30.7	29.8	28.9	27.4	25.3	23.5	15.6	-
	EVM(*)64 1-0F6	11	15	160 M			425	-	-	38.5	37.7	36.8	35.6	33.9	32.5	26	19.9
	EVM(*)64 2-2F6	15	20	160 M			68	-	-	62	60.5	59	56.5	53	49.5	35.3	-
	EVM(*)64 2-1F6	18.5	25	160 L			765	-	-	70	68.5	67	64.5	61.5	58.5	45.5	33.4
	EVM(*)64 2-0F6	22	30	180 M			85	-	-	77.5	76	75	73	70	67.5	56	45
	EVM(*)64 3-3F6	22	30	180 M			102	-	-	93.5	91	89	85.5	80.5	76	55	-
	EVM(*)64 3-2F6	30	40	200 L			110	-	-	101	99	97	93.5	89	84.5	65.5	47
	EVM(*)64 3-1F6	30	40	200 L			119	-	-	109	107	105	102	97.5	93.5	75.5	58.5
	EVM(*)64 3-0F6	30	40	200 L			128	-	-	117	115	113	110	106	103	86	70
	EVM(*)64 4-3F6	30	40	200 L			144	-	-	132	130	127	123	116	111	85	60.5
	EVM(*)64 4-2F6	37	50	200 L			153	-	-	140	138	135	131	125	120	955	72
	EVM(*)64 4-1F6	37	50	200 L			162			148	146	143	139	134	129	106	83.5