

DESCRICÃO DESCRIPTION

Bomba submersível para furos de 4" com em aço inoxidável; instalações de água limpa.
4"-hole submersible pump made of stainless steel; clean water installations.



CARACTERÍSTICAS SPECIFICATIONS

- Suportes em aço inox AISI 304
Brackets made of AISI 304 stainless steel
- Difusores e turbinas em aço inoxidável, resistentes ao desgaste
Diffusers and turbines made of stainless steel, making them wear-resistant
- Casquilhos de borracha, lubrificados pela água, cujos canais permitem a saída de pequenas partículas de areia
Rubber bushings, lubricated by the pumped water, allowing small sand particles to exit the pump while it is operating
- Funcionamento contínuo, sem riscos para o motor
Continuous operation without any risks for the motor
- Válvula de retenção emcorporada na cabeça da bomba, de modo a suportar o peso da coluna d'água e proteger as turbinas e difusores contra o golpe de aríete
Built-in check valve in the upper part of the pump, in order to withstand the weight of the water column and protect the turbines and diffusers against water hammer
- Eixo da bomba em aço inoxidável laminado a frio
Pump shaft made of cold-rolled stainless steel
- Acoplamento do motor e dos veios da bomba exposto para facilidade de alinhamento e verificação da sua rotação
Exposed shaft and motor coupling designed for easy alignment and for checking pump rotation
- Filtro em aço inoxidável não maleável
Rigid stainless steel filter

INSTALAÇÕES
INSTALLATIONS

- Furo/Poço
Borehole/Well
- Zonas de água limpa
Clean water locations



DIMENSÕES DIMENSIONS

Tipo Type	Dimensões Dimensions				Peso Weight	Motor		Altura Teórica Theoretical Head	AMT Pump Head	Caudal Flow Rate m³/h											
	A Saída Outlet	B Diâmetro Diameter	C Tam. Max. Max. Size	D Comprimento Length		KG	HP			KW	M	M	0	12	15	18	21	23			
										Caudal Flow Rate L/min											
									0	200	250	300	350	383							
DX01-09	1 1/4"	86.7	98	356	3.1	0.5	0.37	52	34	52	49	45	39	31	20						
DX01-14				461	4.2	0.5	0.37	79	50	79	73	66	58	46	35						
DX01-18				545	5	0.75	0.55	100	67	100	94	86	73	58	41						
DX01-21				608	5.6	0.75	0.55	118	76	118	108	98	83	64	48						
DX01-28				755	7.1	1.0	0.75	160	102	160	150	132	108	83	61						
DX01-36				923	8.8	1.5	1.1	205	117	205	185	168	145	112	81						
DX01-42				1049	10.1	1.5	1.1	238	134	238	205	183	158	121	85						

Tipo Type	Dimensões Dimensions				Peso Weight	Motor		Altura Teórica Theoretical Head	AMT Pump Head	Caudal Flow Rate m³/h											
	A Saída Outlet	B Diâmetro Diameter	C Tam. Max. Max. Size	D Comprimento Length		KG	HP			KW	M	M	0	0.9	1.2	1.5	1.8	2.4			
										Caudal Flow Rate L/min											
									0	15	20	25	30	40							
DX02-09	1 1/4"	86.7	98	356	3.2	0.5	0.37	54	32	54	48	44	41	37	23						
DX02-13				440	4.1	0.75	0.55	79	48	79	69	64	60	54	39						
DX02-18				545	5.1	1.0	0.75	107	67	107	93	87	80	73	55						
DX02-23				650	6.1	1.5	1.1	135	86	135	120	111	103	97	73						
DX02-28				755	7.2	2.0	1.5	160	106	160	150	139	129	114	81						
DX02-33				860	8.3	2.0	1.5	188	122	188	169	161	149	133	97						
DX02-40				1007	9.8	3.0	2.2	227	150	227	202	187	172	156	122						
DX02-48				1175	11.4	3.0	2.2	282	176	282	254	235	215	192	140						

Tipo Type	Dimensões Dimensions				Peso Weight	Motor		Altura Teórica Theoretical Head	AMT Pump Head	Caudal Flow Rate m³/h											
	A Saída Outlet	B Diâmetro Diameter	C Tam. Max. Max. Size	D Comprimento Length		KG	HP			KW	M	M	0	2.1	2.4	3.0	3.6	4.2			
										Caudal Flow Rate L/min											
									0	35	40	50	60	70							
DX03-06	1 1/4"	86.7	98	293	2.7	0.5	0.37	37	25	37	31	29	25	22	14						
DX03-09				356	3.3	0.75	0.55	55	37	55	48	44	37	30	19						
DX03-12				419	4	1.0	0.75	74	49	74	63	58	49	43	28						
DX03-15				482	4.7	1.5	1.1	92	61	92	80	77	61	57	40						
DX03-18				545	5.3	1.5	1.1	108	74	108	94	90	74	67	45						
DX03-22				629	6.2	2.0	1.5	131	91	131	115	101	91	80	54						
DX03-25				692	6.9	2.0	1.5	151	102	151	128	115	102	90	60						
DX03-29				776	7.7	3.0	2.2	177	119	177	149	138	119	103	70						
DX03-33				860	8.6	3.0	2.2	198	137	198	172	164	137	118	80						
DX03-39				986	9.9	4.0	3.0	232	165	232	204	195	165	138	94						
DX03-45				1112	11.3	4.0	3.0	272	194	272	233	224	194	162	110						
DX03-52				1259	12.8	5.5	4.0	328	229	328	272	261	229	184	123						

DIMENSÕES DIMENSIONS

Tipo Type	Dimensões Dimensions				Peso Weight	Motor		Altura Teórica Theoretical Head	AMT Pump Head	Caudal Flow Rate m³/h					
	A Saída Outlet	B Diâmetro Diameter	C Tam. Max. Max. Size	D Comprimento Length		KG	HP			KW	M	M	0	3	3.6
										Caudal Flow Rate L/min					
									0	50	60	70	80	100	
DX05-04	1 1/2"	86.7	98	251	2.3	0.5	0.37	25	13	25	20	19	17	15	10
DX05-06				293	2.7	0.75	0.55	38	22	38	30	28	26	24	16
DX05-08				335	3.2	1.0	0.75	51	31	51	41	39	36	33	23
DX05-12				419	4.1	1.5	1.1	76	46	76	63	60	56	50	37
DX05-17				524	5.3	2.0	1.5	105	63	105	88	84	77	70	54
DX05-21				608	6.2	3.0	2.2	131	79	131	108	103	96	87	67
DX05-25				692	7.1	3.0	2.2	156	94	156	127	121	113	103	78
DX05-33				860	8.9	4.0	3.0	205	124	205	168	159	149	137	105
DX05-38				965	10.1	5.5	4.0	237	150	237	194	185	172	158	123
DX05-44				1091	11.5	5.5	4.0	281	166	281	226	215	202	187	143
DX05-52				1259	13.3	7.5	5.5	321	190	321	261	247	233	209	147

Tipo Type	Dimensões Dimensions				Peso Weight	Motor		Altura Teórica Theoretical Head	AMT Pump Head	Caudal Flow Rate m³/h					
	A Saída Outlet	B Diâmetro Diameter	C Tam. Max. Max. Size	D Comprimento Length		KG	HP			KW	M	M	0	3.6	4.8
										Caudal Flow Rate L/min					
									0	60	80	140	160	180	
DX08-02	2"	87.3	98	286	2.6	0.75	0.55	14	6	14	11	7	5	4	3
DX08-03				328	3.1	0.75	0.55	19	11	19	16	13	10	8	6
DX08-05				412	4.1	1.0	0.75	30	19	30	26	24	17	15	12
DX08-07				496	5.1	1.5	1.1	41	27	41	36	35	25	24	17
DX08-10				622	6.6	2.0	1.5	58	38	58	51	47	35	32	25
DX08-12				706	7.6	3.0	2.2	71	46	71	61	58	43	40	31
DX08-15				832	9.1	3.0	2.2	87	58	87	76	72	55	49	38
DX08-18				958	10.6	4.0	3.0	104	70	104	93	88	66	60	47
DX08-21				1084	12.1	5.5	4.0	122	81	122	107	102	80	72	55
DX08-25				1252	14.1	5.5	4.0	144	96	144	126	119	91	84	64
DX08-30				1462	16.6	7.5	5.5	174	116	174	154	145	111	103	79
DX08-37				1756	20.1	7.5	5.5	215	143	215	188	177	138	122	93
DX08-50				2302	26.6	10	7.5	288	192	288	254	242	188	168	129

Tipo Type	Dimensões Dimensions				Peso Weight	Motor		Altura Teórica Theoretical Head	AMT Pump Head	Caudal Flow Rate m³/h					
	A Saída Outlet	B Diâmetro Diameter	C Tam. Max. Max. Size	D Comprimento Length		KG	HP			KW	M	M	0	4.0	6.0
										Caudal Flow Rate L/min					
									0	67	100	133	167	200	
DX10-04	2"	87.3	98	382	4.3	1.0	0.75	24	15	24	23	21	18	15	10
DX10-06				472	5.5	1.5	1.1	35	23	35	33	31	28	23	18
DX10-08				562	6.7	2.0	1.5	49	33	49	44	42	37	33	22
DX10-12				742	9.1	3.0	2.2	68	48	68	64	60	54	48	33
DX10-17				967	12.1	5.5	4.0	103	63	103	90	84	75	63	47
DX10-25				1327	16.9	7.5	5.5	143	99	143	132	125	111	99	68

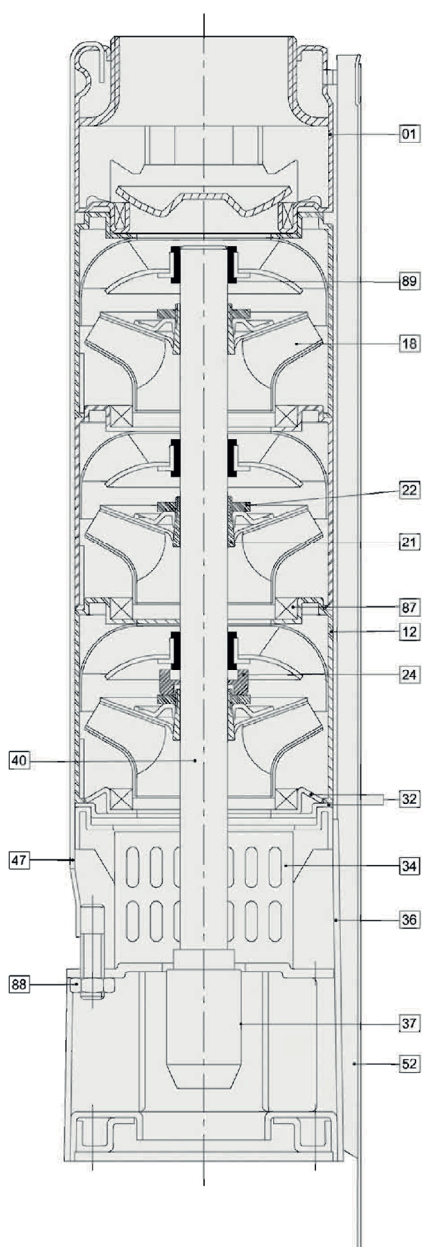
DIMENSÕES DIMENSIONS

Tipo Type	Dimensões Dimensions				Peso Weight	Motor		Altura Teórica Theoretical Head	AMT Pump Head	Caudal Flow Rate m³/h					
	A	B	C	D		KG	HP			KW	M	M	0	6.0	8.4
	Saída Outlet	Diâmetro Diameter	Tam. Max. Max. Size	Comprimento Length	Caudal Flow Rate L/min										
										0	100	140	200	250	300
DX14-02	2"	87.3	98	310	3.3	1.5	1.1	15	10	15	13	12	10	9	7
DX14-03				375	4	1.5	1.1	18	13	18	17	16	14	12	9
DX14-05				505	5.4	2.0	1.5	33	21	33	30	29	25	20	14
DX14-07				635	6.8	3.0	2.2	45	31	45	43	41	36	28	19
DX14-10				830	8.9	4.0	3.0	65	44	65	61	58	51	41	28
DX14-13				1025	11.0	5.5	4.0	81	57	81	73	69	63	53	41
DX14-18				1350	14.5	7.5	5.5	115	80	115	98	93	84	72	53
DX14-25				1805	19.4	10	7.5	164	109	164	150	140	120	93	70

Tipo Type	Dimensões Dimensions				Peso Weight	Motor		Altura Teórica Theoretical Head	AMT Pump Head	Caudal Flow Rate m³/h				
	A	B	C	D		KG	HP			KW	M	M	0	12
	Saída Outlet	Diâmetro Diameter	Tam. Max. Max. Size	Comprimento Length	Caudal Flow Rate L/min									
										0	200	250	300	333
DX16-02	2"	87	98	310	3.4	1.0	0.75	13	9	13	11	10	8	6
DX16-04				440	4.2	2.0	1.5	26	14	26	22	20	16	12
DX16-06				570	6.4	3.0	2.2	39	28	39	33	30	24	18
DX16-08				700	7.9	4.0	3.0	52	36	52	44	40	32	24
DX16-10				830	9.4	5.5	4.0	65	45	65	55	50	40	30
DX16-14				1090	12.2	7.5	5.5	91	63	91	78	70	56	32
DX16-16				1220	13.7	10	7.5	104	72	104	88	80	64	48
DX16-20				1480	16.5	10	7.5	130	90	130	108	100	80	60
DX16-24				1704	19.3	12.5	9.2	156	108	156	134	120	96	72

DESENHO DE CORTE E LISTA DE PEÇAS - DX

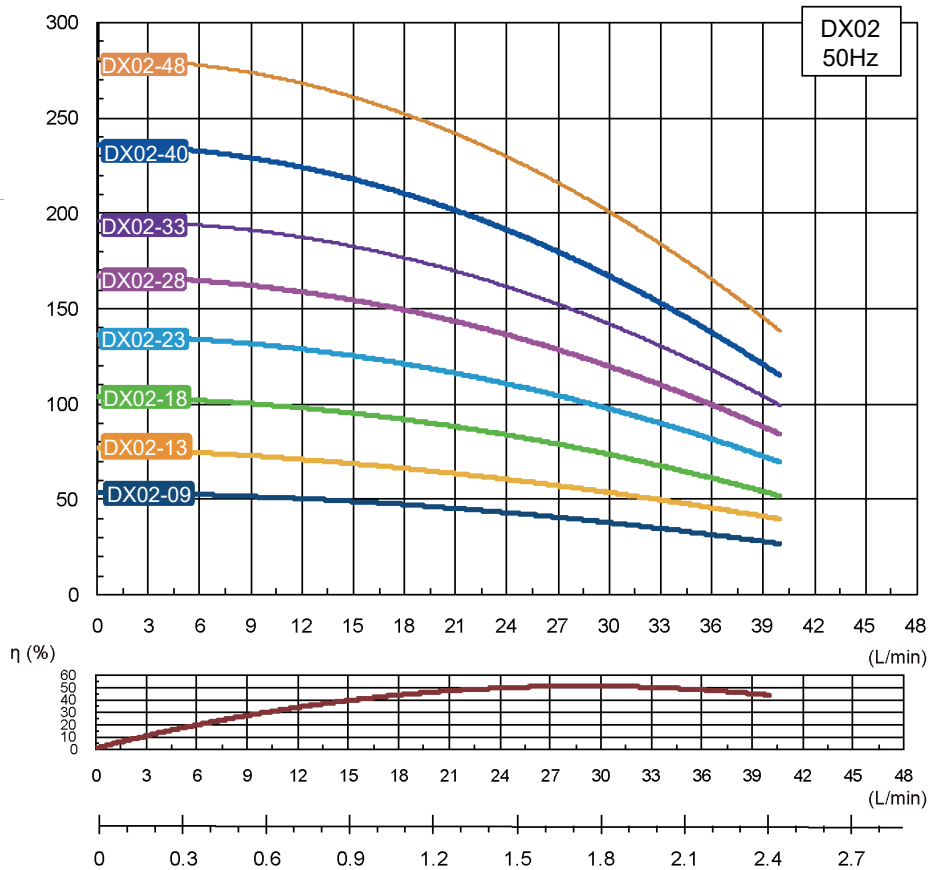
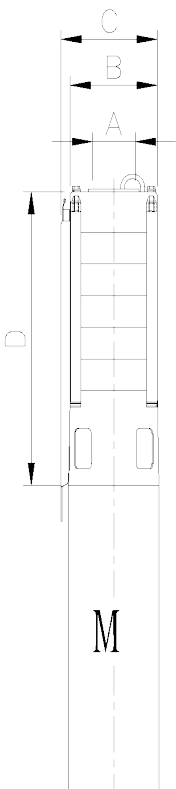
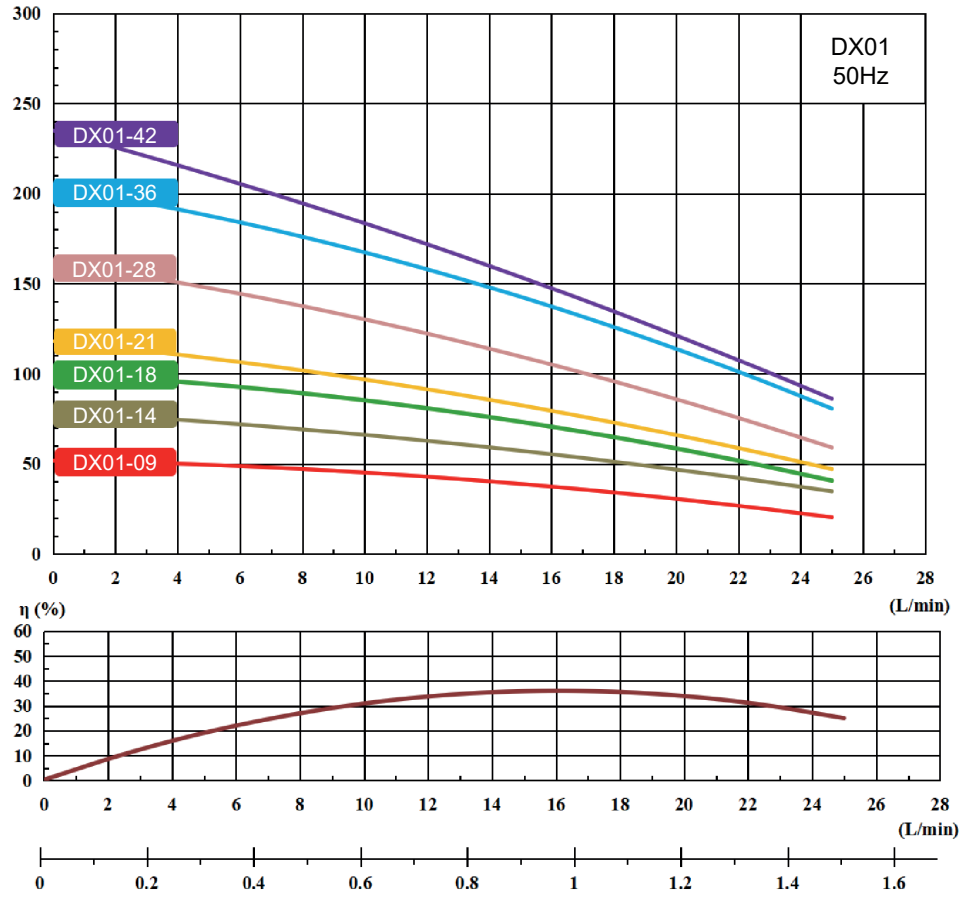
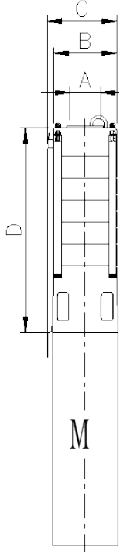
CROSS SECTION DESIGN AND LIST OF COMPONENTS - DX



REF. ^a . N ^o	DESCRIÇÃO	MATERIAL
1	Descarga	Aço inox AISI304
12	Difusor	Aço inox AISI304
18	Turbina	Aço inox AISI304
21	Cone de desmontagem	Aço inox AISI304
22	Porca do cone de desmontagem	Aço inox AISI304
24	Anel de bloqueio	Grafite / PTFE
32	Anel de retenção	Aço inox AISI304
34	Filtro	Aço inox AISI304
36	Interligação de sucção	Aço inox AISI304
40	Eixo da bomba	Aço inox AISI431
37	Acoplamento	Aço inox AISI304
47	Tirante da bomba	Aço inox AISI304
52	Proteção do cabo elétrico	Aço inox AISI304
87	Anel do pescoço	Aço inox AISI304 + N.B.R.
88	Porca	Aço inox AISI304
89	Casquilho de borracha	N.B.R.

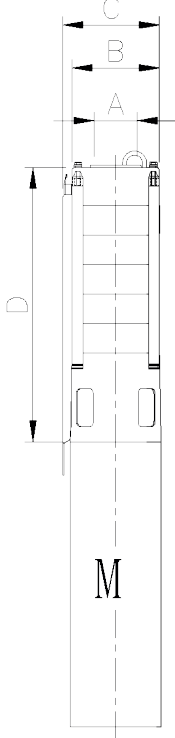
REF. ^a . N ^o	DESCRIPTION	MATERIAL
1	Discharge	AISI304 stainless steel
12	Diffuser	AISI304 stainless steel
18	Turbine	AISI304 stainless steel
21	Disassembly cone	AISI304 stainless steel
22	Disassembly cone nut	AISI304 stainless steel
24	Locking ring	Graphite / PTFE
32	Retaining ring	AISI304 stainless steel
34	Filter	AISI304 stainless steel
36	Suction interconnection	AISI304 stainless steel
40	Pump shaft	AISI431 stainless steel
37	Coupling	AISI304 stainless steel
47	Pump Tie Rod	AISI304 stainless steel
52	Electrical cable protection	AISI304 stainless steel
87	Neck ring	Stainless steel AISI304 + N.B.R.
88	Nut	AISI304 stainless steel
89	Rubber bush	N.B.R.

DX 1

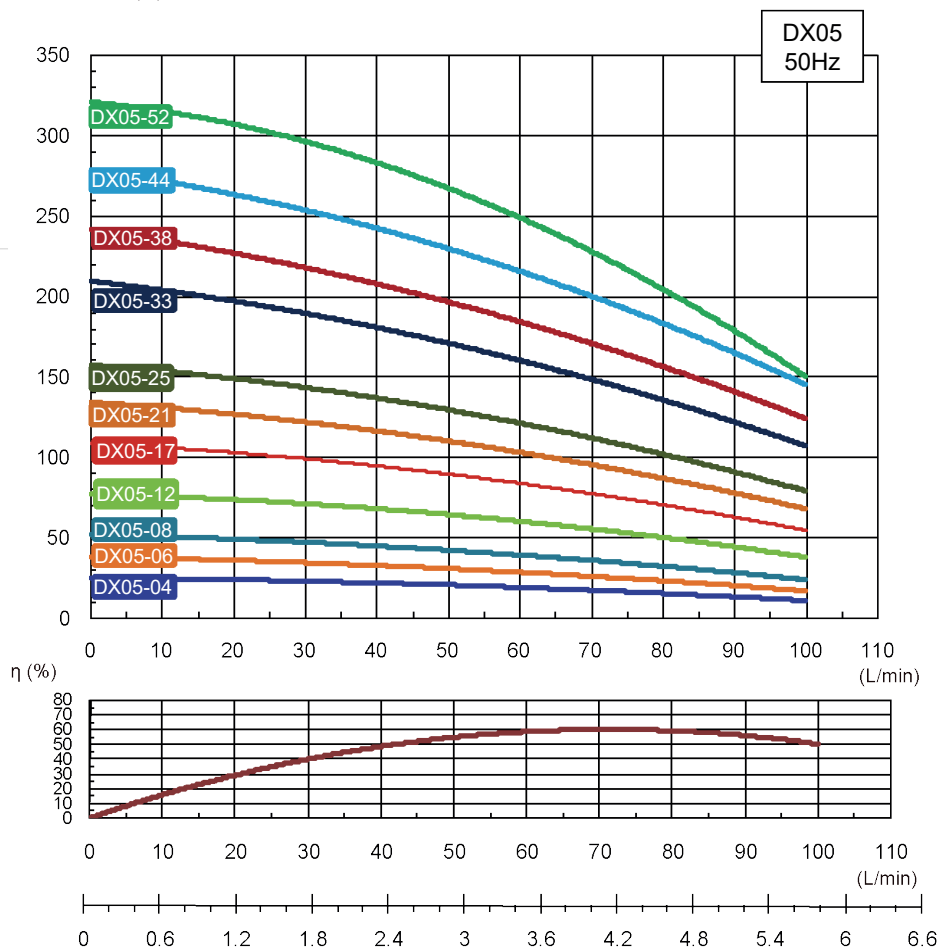
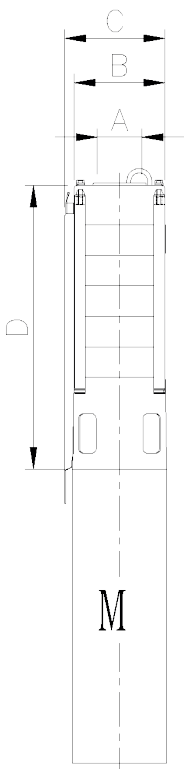


DX 2

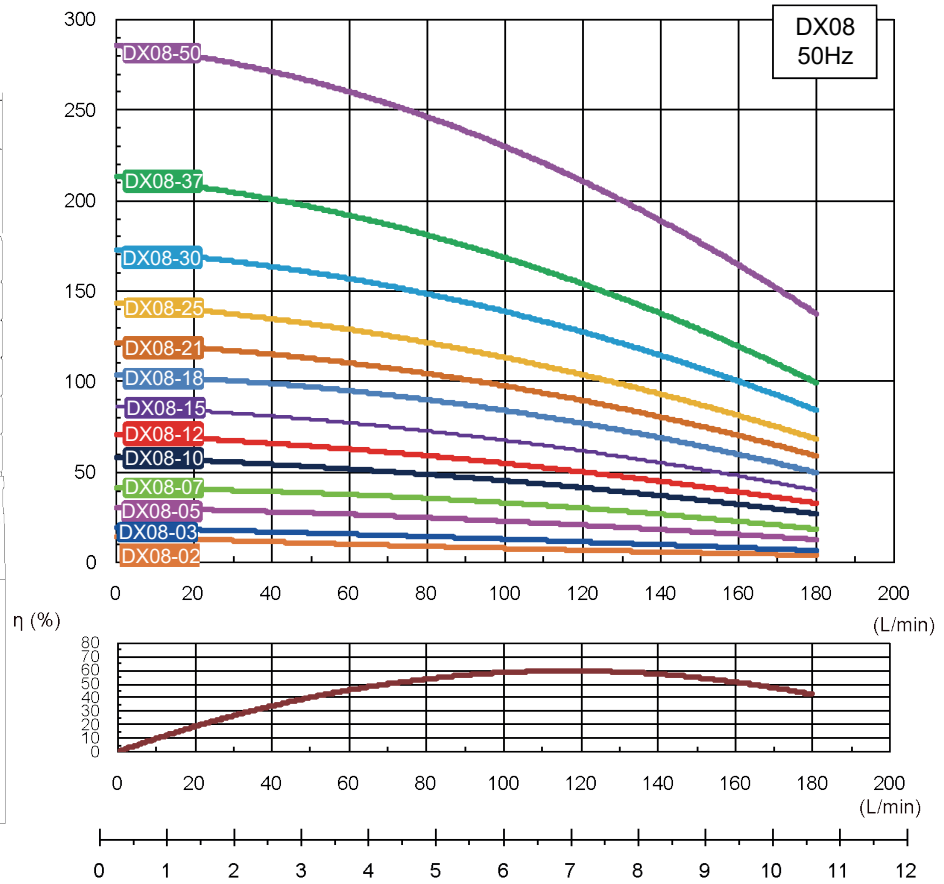
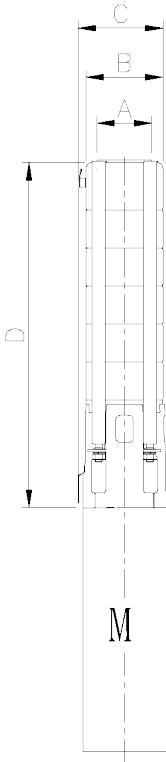
DX 3



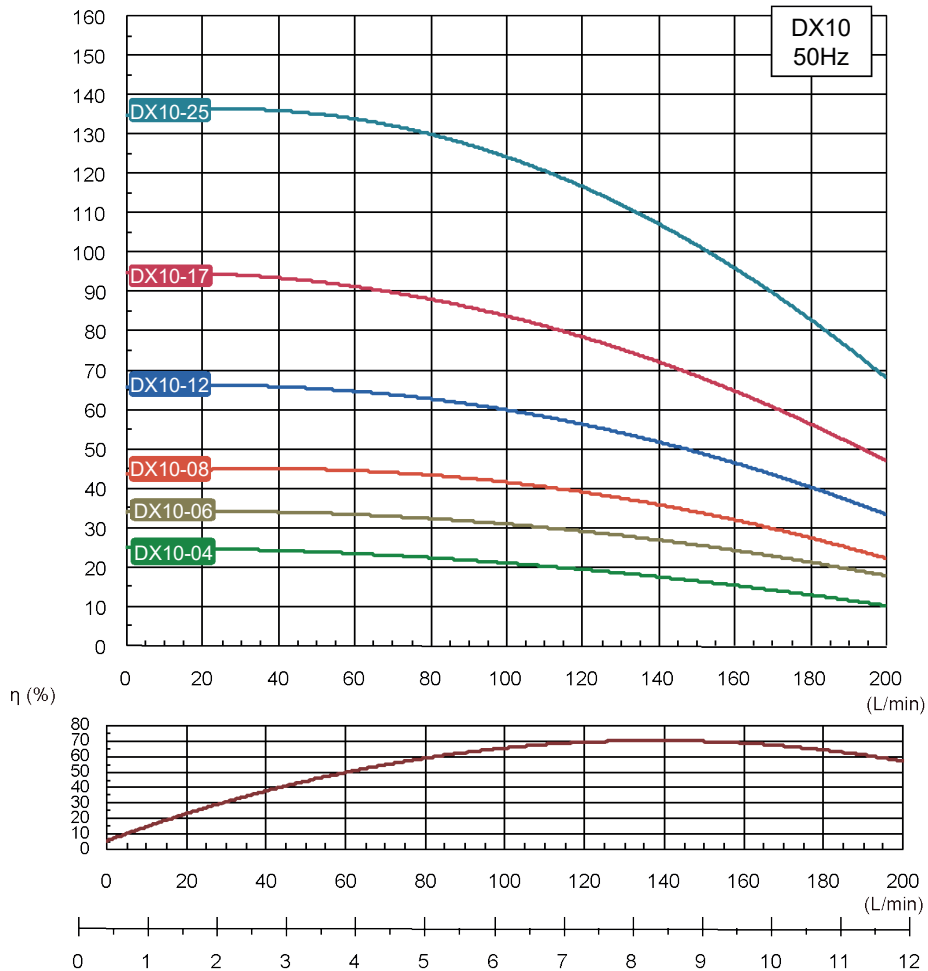
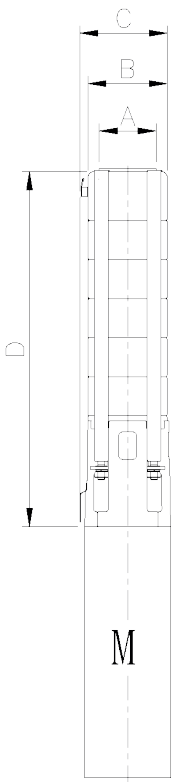
DX 5



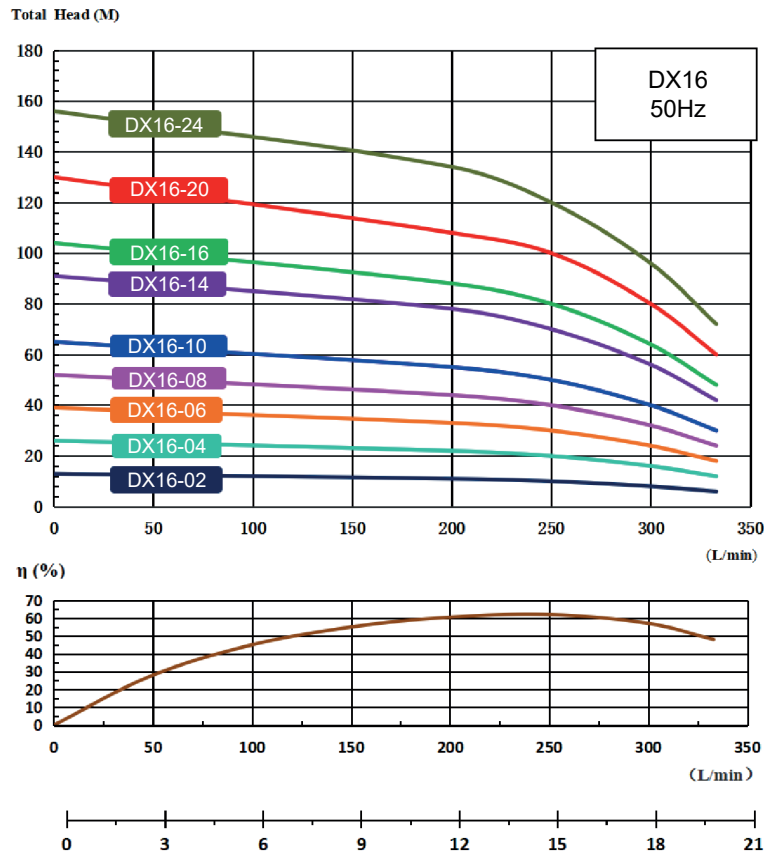
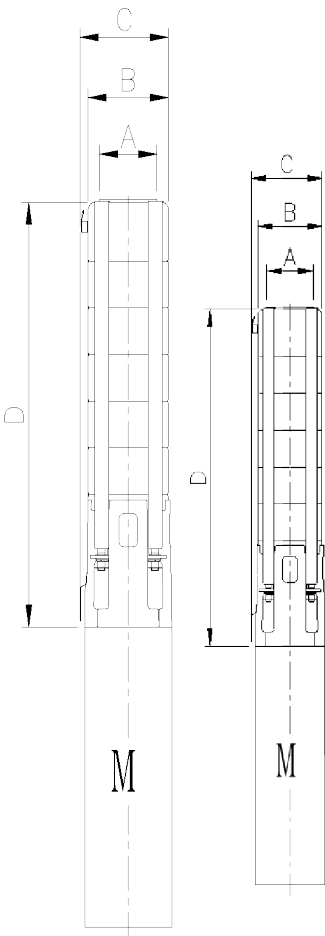
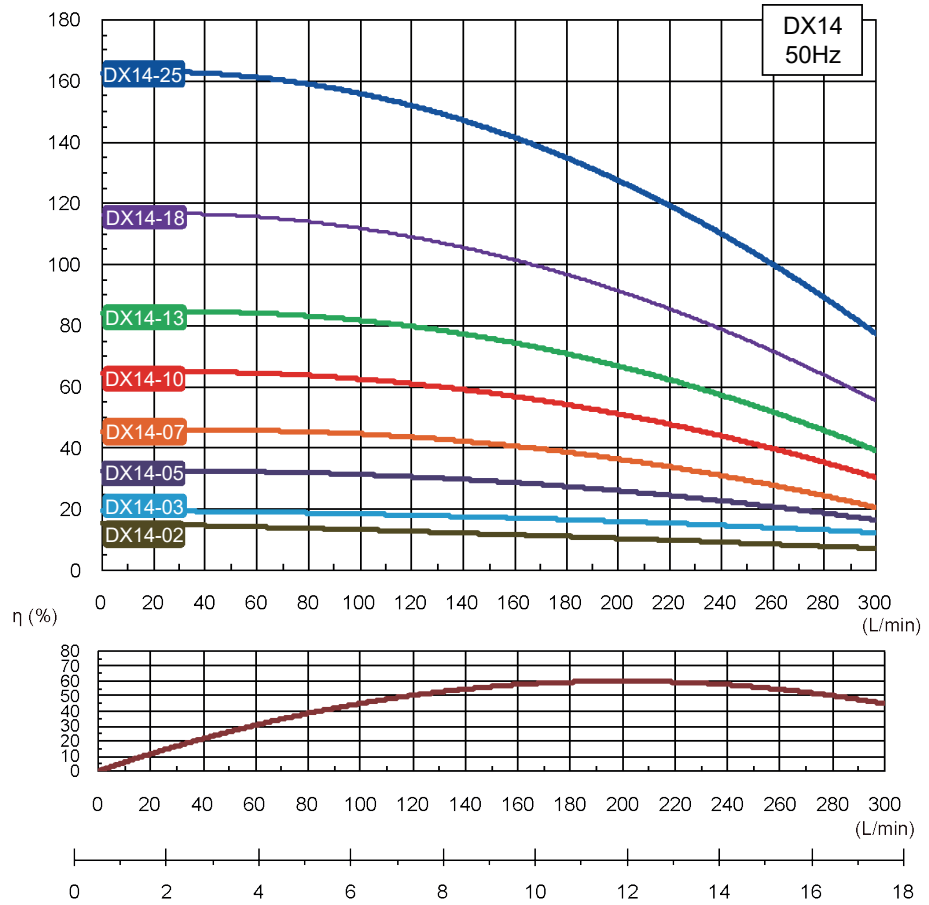
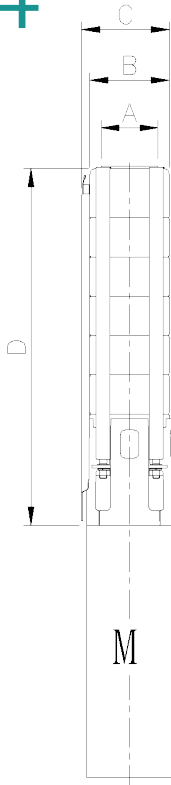
DX 8



DX 10



DX 14



DX 16