

BOMBAS SUMERGIBLES 4" CON IMPULSORES FLOTANTES



APLICACIONES

- Instalaciones hidráulicas sea para uso industrial que residencial.
- Sistemas de presurización.
- Riego.
- Almacenaje de agua.
- Drenaje.

RENDIMIENTOS

- Caudal de suministro max. 28 m³/h, Altura manométrica max. 320m.

CARACTERÍSTICAS

- Camisa exterior en acero inox AISI 304, espesor 1.5mm, diámetro ext. 89mm.
- Bocas de aspiración y caudal en acero inoxidable AISI 304.
- Válvula de retención en acero inoxidable AISI 304.
- Difusores en polycarbonato reforzado con fibras de vidrio, resistente a los ácidos y a la corrosión.
- Impulsores en Noryl.
- Eje: acero hexagonal AISI 304
Ø 9.5mm (FN15 – FN75) Ø 12mm (FN105 – FN240).
- Cojinetes:
N. 1 cojinete - en las partes hidráulicas hasta 19 impulsores
N. 2 cojinetes - en las partes hidráulicas con más de 20 impulsores.
- Filtro de succión en acero inox AISI 304.
- Brida de acoplamiento según estándares NEMA.

LÍMITES DE EMPLEO

- Temperatura máx. del líquido: 30°C.
- Cantidad máx. de arena: 50 g/m³.

POMPES IMMERGÉES 4" AVEC ROUES FLOTTANTS



APPLICATIONS

- Installations hydrauliques soit pour usage industriel qui résidentiel.
- Systèmes de pressurisation.
- Irrigation.
- Stockage d'eau.
- Drainage.

PERFORMANCES

- Débit max. 28 m³/h, Hauteur max. 320 mt..

CARACTÉRISTIQUES

- Chemise extérieure en acier inox AISI 304, épaisseur 1.5mm, diam. extérieur 89mm.
- Bouches d'aspiration et refoulement en acier inox 304.
- Clapet anti-retour en acier inox 304.
- Diffuseurs en polycarbonate renforcé avec les fibres de verre, résistant aux acides et à la corrosion.
- Roues en Noryl.
- Arbre: acier hexagonal AISI 304
Ø 9.5mm (FN15 – FN75), Ø 12mm (FN105 – FN240).
- Roulements:
N. 1 roulement en parties hydrauliques jusqu'à 19 roues
N. 2 roulements en parties hydrauliques au-delà de 20 roues.
- Filtre d'aspiration en acier inoxydable AISI 304.
- Bride d'accouplement selon les règles NEMA.

LIMITES D'UTILISATION

- Température max. du liquide: 30°C.
- Quantité max. de sable: 50 g/m³.

FN Ø 1"¼

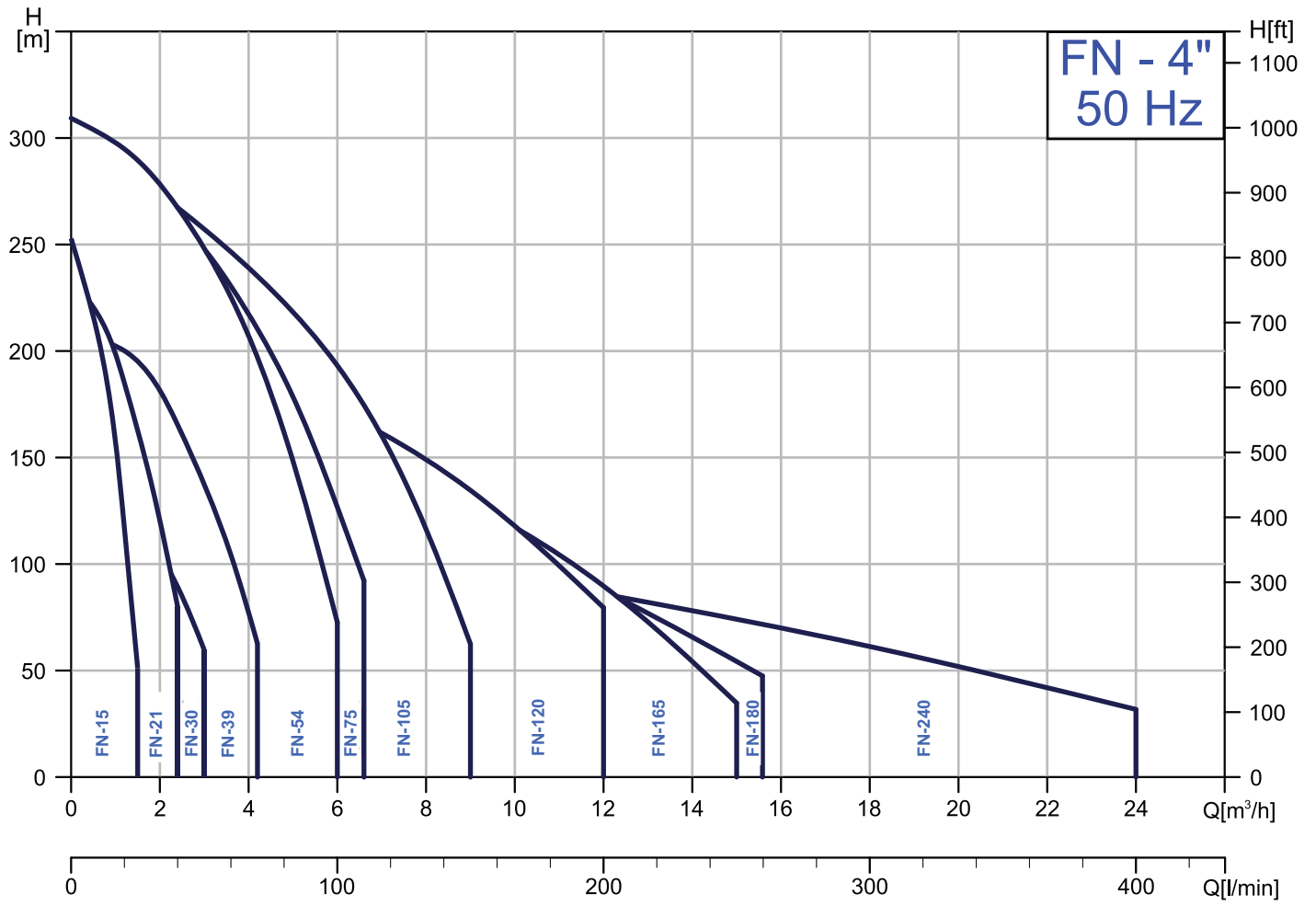


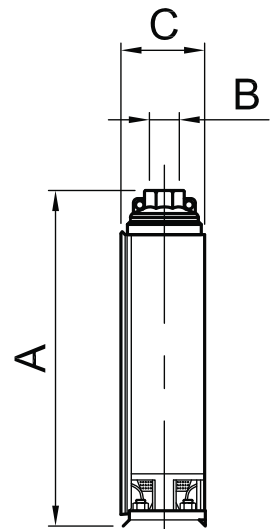
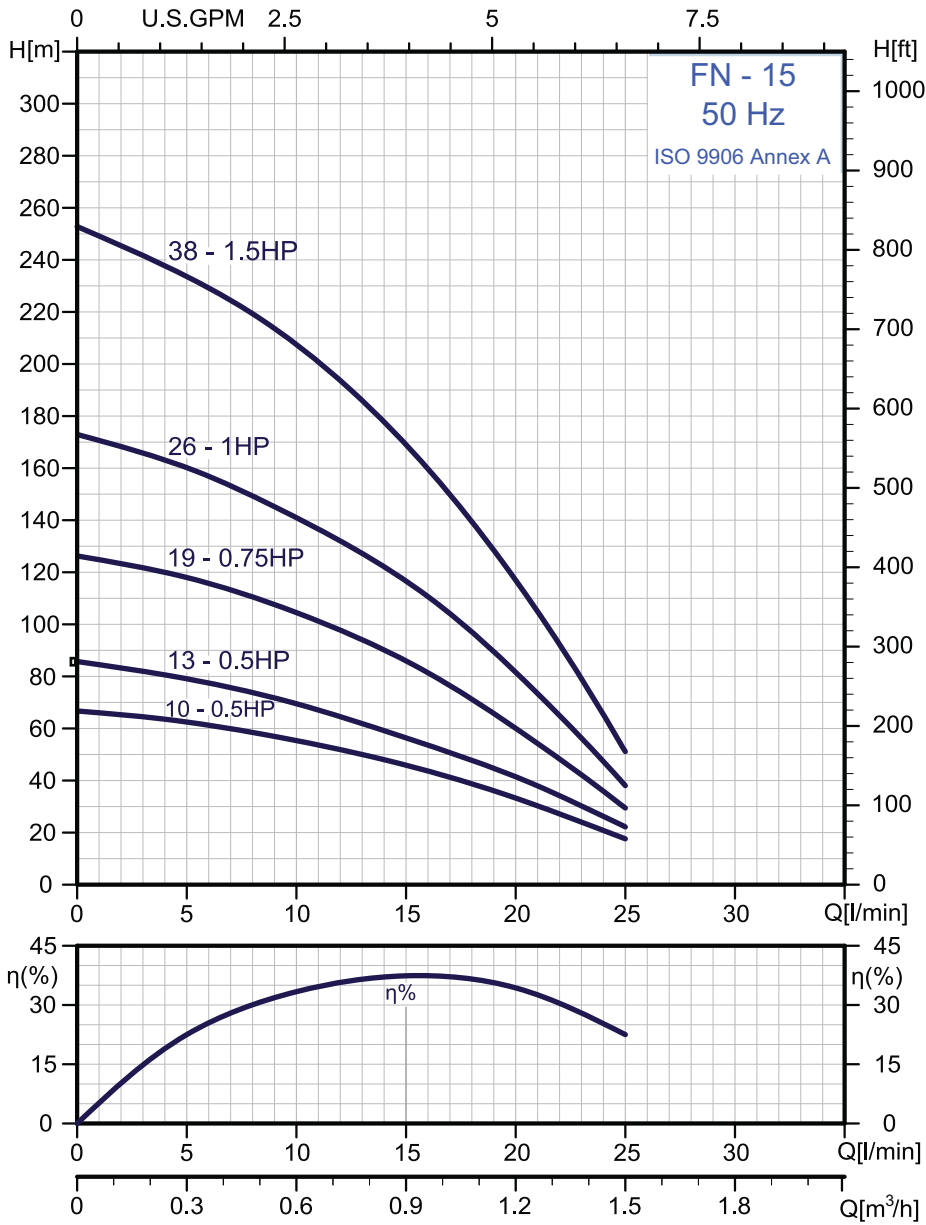
FN Ø 2"



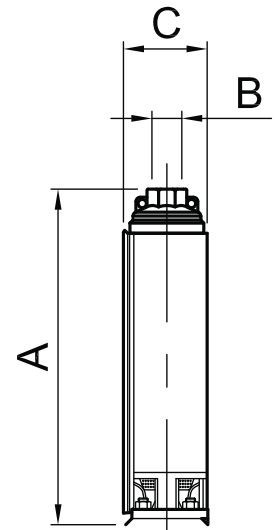
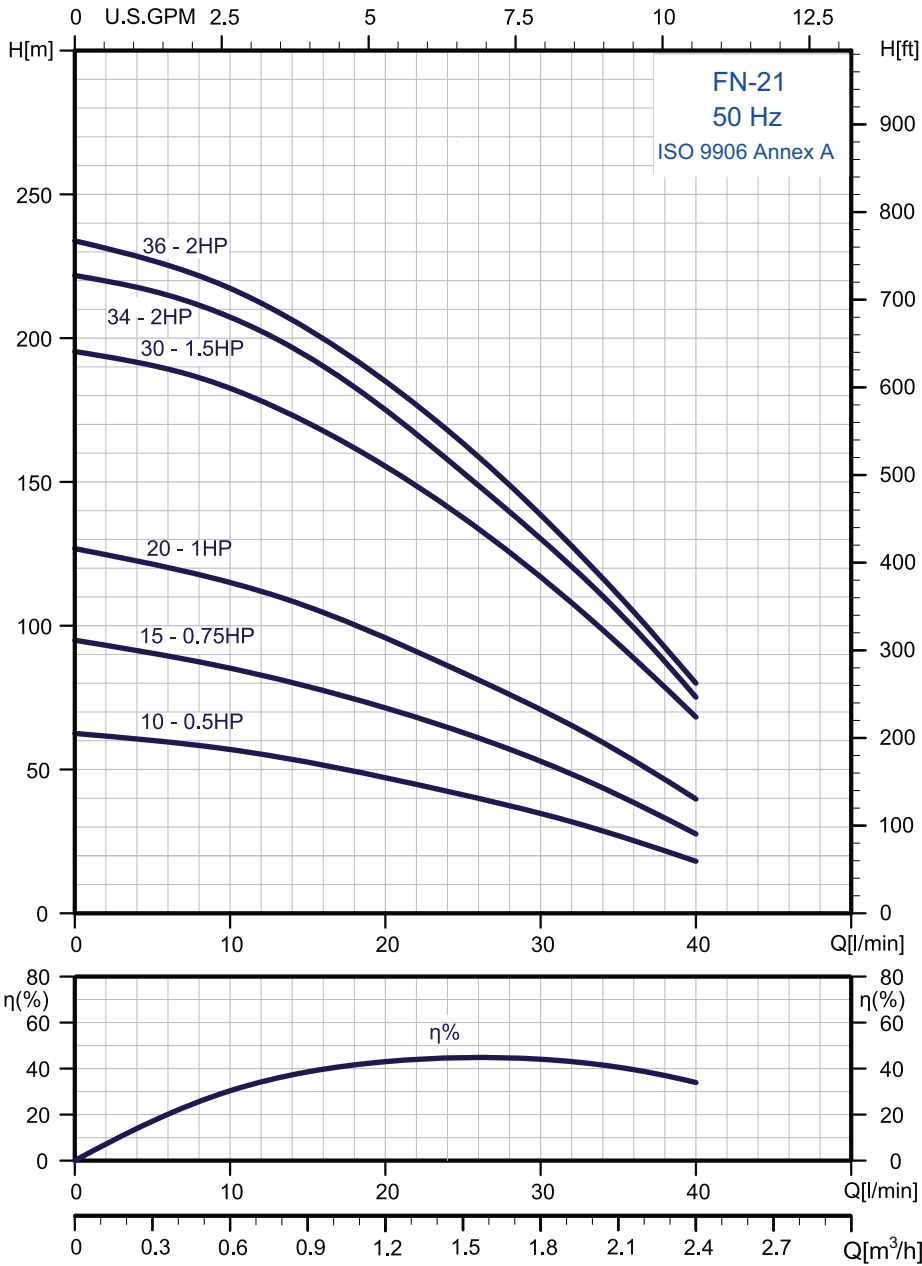
Performance range

FN 4"



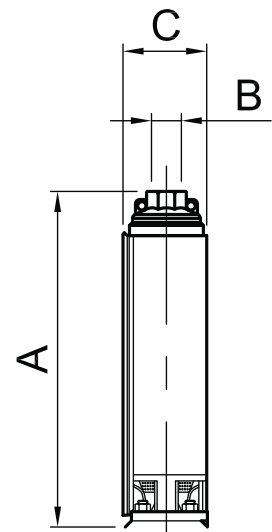
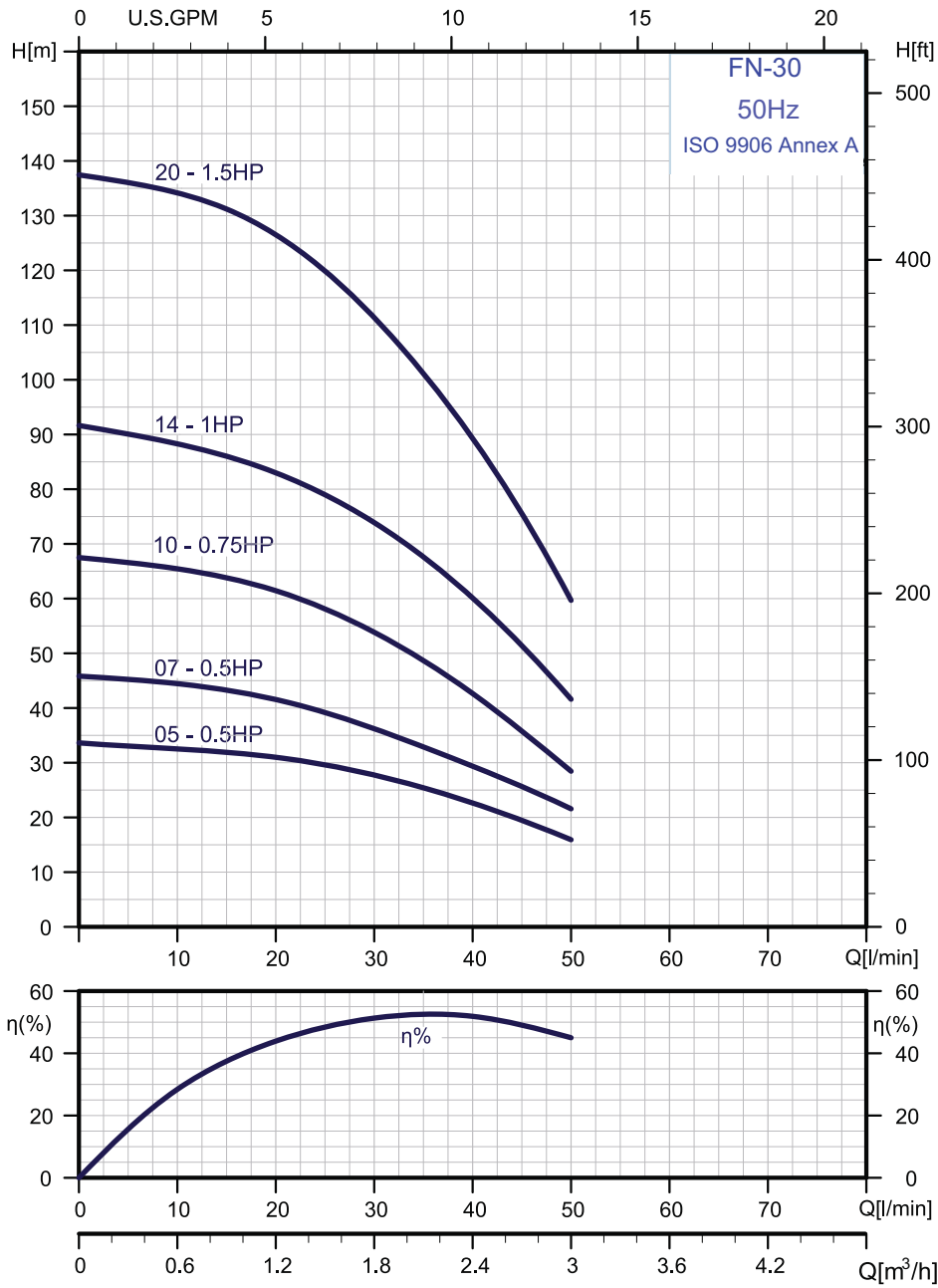


Selection Chart														
PUMP TYPE	STAGES	MOTOR P ₂		Q=DELIVERY							Dimensions and Weights			
				l/min	0	5	10	15	20	25	Dimensions(mm)			
		KW	HP	m ³ /h	0	0.3	0.6	0.9	1.2	1.5	Net Weight			
		H=TOTAL HEAD IN METERS									kg	A	B	C
FN-1510	10	0.37	0.5		67	63	55	46	33	18	3.3	324	RP/ NPT 1 1/4"	98
FN-1513	13	0.37	0.5		86	78	70	56	42	23	3.7	377		98
FN-1519	19	0.55	0.75		126	118	105	86	60	30	4.7	481		98
FN-1526	26	0.75	1		173	160	141	117	81	39	5.8	642		98
FN-1538	38	1.1	1.5		253	234	208	169	117	52	9.2	864		98



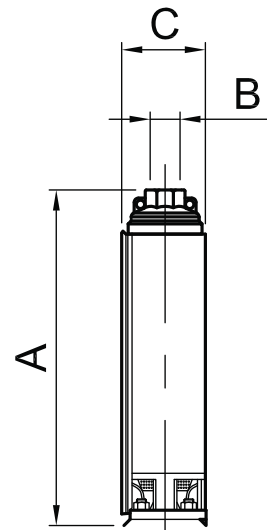
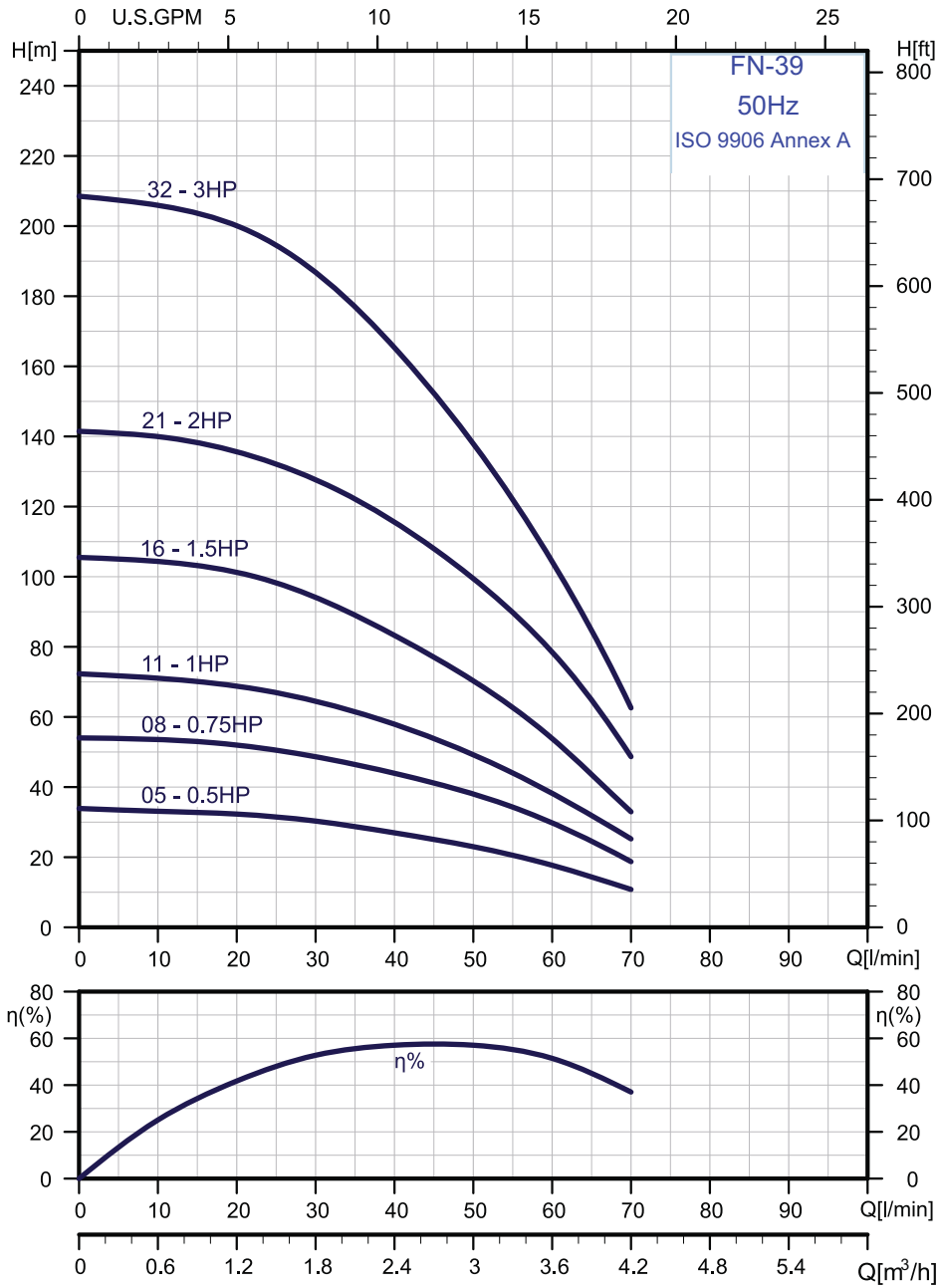
Selection Chart

PUMP TYPE	STAGES	MOTOR P ₂		Q=DELIVERY										Dimensions and Weights			
		KW	HP	l/min	0	10	15	20	25	30	35	40	45	Net Weight	Dimensions(mm)		
				m³/h	0	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7		A	B	C
		H=TOTAL HEAD IN METERS												kg	A	B	C
FN-2110	10	0.37	0.5		63	57	53	47	42	35	27	18		3.3	330	RP NPT 1 1/4"	98
FN-2115	15	0.55	0.75		95	86	78	72	63	53	41	28		4.3	420		98
FN-2120	20	0.75	1.0		127	115	107	96	84	71	56	40		5.3	510		98
FN-2130	30	1.1	1.5		195	183	171	156	138	117	94	69		7.4	730		98
FN-2134	34	1.5	2.0		222	207	194	175	154	130	104	76		9.3	833		98
FN-2136	36	1.5	2.0		234	217	203	185	164	138	110	80		9.8	868		98

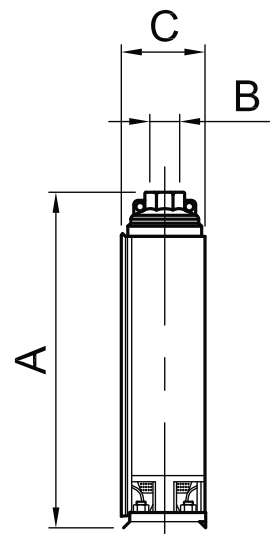
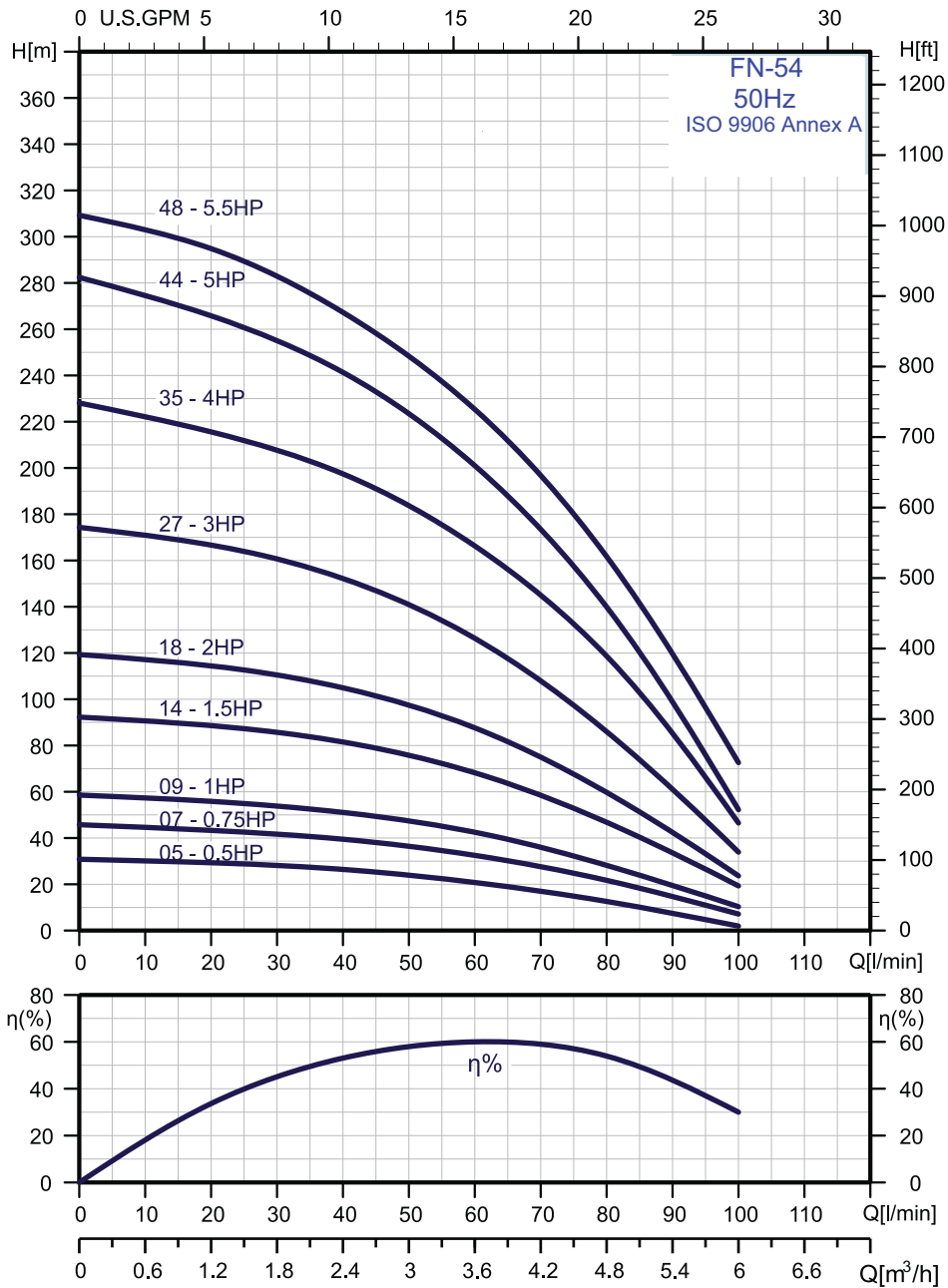


Selection Chart

PUMP TYPE	STAGES	MOTOR P ₂		Q=DELIVERY											Dimensions and Weights			
				l/min	0	15	20	25	30	35	40	45	50	60	Dimensions (mm)			
		KW	HP	m ³ /h	0	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.6	Net Weight	A	B	C
		H=TOTAL HEAD IN METERS											kg	A	B	C		
FN-3005	5	0.37	0.5		34	32	31	29	27	25	23	19	16		2.5	236	RP NPT 1 1/4"	98
FN-3007	7	0.37	0.5		46	43	42	39	36	33	29	26	22		2.8	271		98
FN-3010	10	0.55	0.75		67	64	61	58	54	49	43	36	28		3.3	324		98
FN-3014	14	0.75	1.0		92	86	83	79	74	67	60	52	42		3.9	394		98
FN-3020	20	1.1	1.5		139	131	127	120	111	101	90	75	60		4.9	499		98

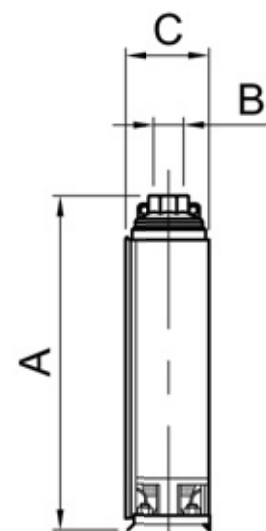
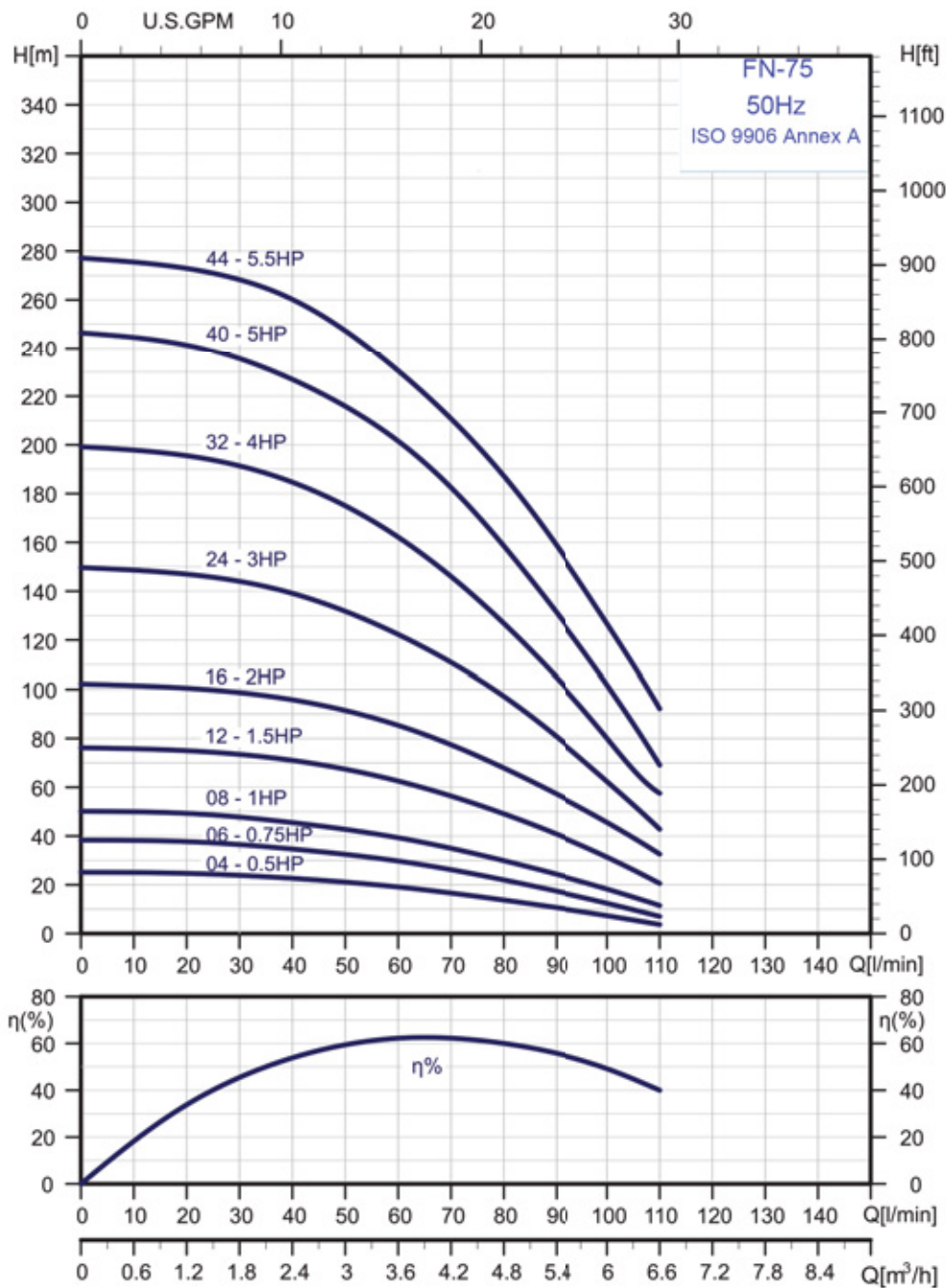


Selection Chart																			
PUMP TYPE	STAGES	MOTOR P ₂		Q=DELIVERY												Dimensions and Weights			
		KW	HP	l/min	0	20	25	30	35	40	45	50	60	70	80	Net Weight	Dimensions(mm)		
				m³/h	0	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.6	4.2	4.8		A	B	C
H=TOTAL HEAD IN METERS														kg	A	B	C		
FN-3905	5	0.37	0.5		34	32	31	30	29	27	25	23	18	11		2.5	236	RP NPT 1 1/4"	98
FN-3908	8	0.55	0.75		54	51	50	49	46	43	41	38	30	19		2.9	289		98
FN-3911	11	0.75	1.0		72	68	66	64	61	58	54	49	38	26		3.4	342		98
FN-3916	16	1.1	1.5		106	101	98	95	89	83	77	70	54	33		4.2	430		98
FN-3921	21	1.5	2.0		142	135	132	127	122	115	108	100	79	49		5.0	519		98
FN-3932	32	2.2	3.0		208	200	194	187	177	165	152	138	104	62		8.1	787		98



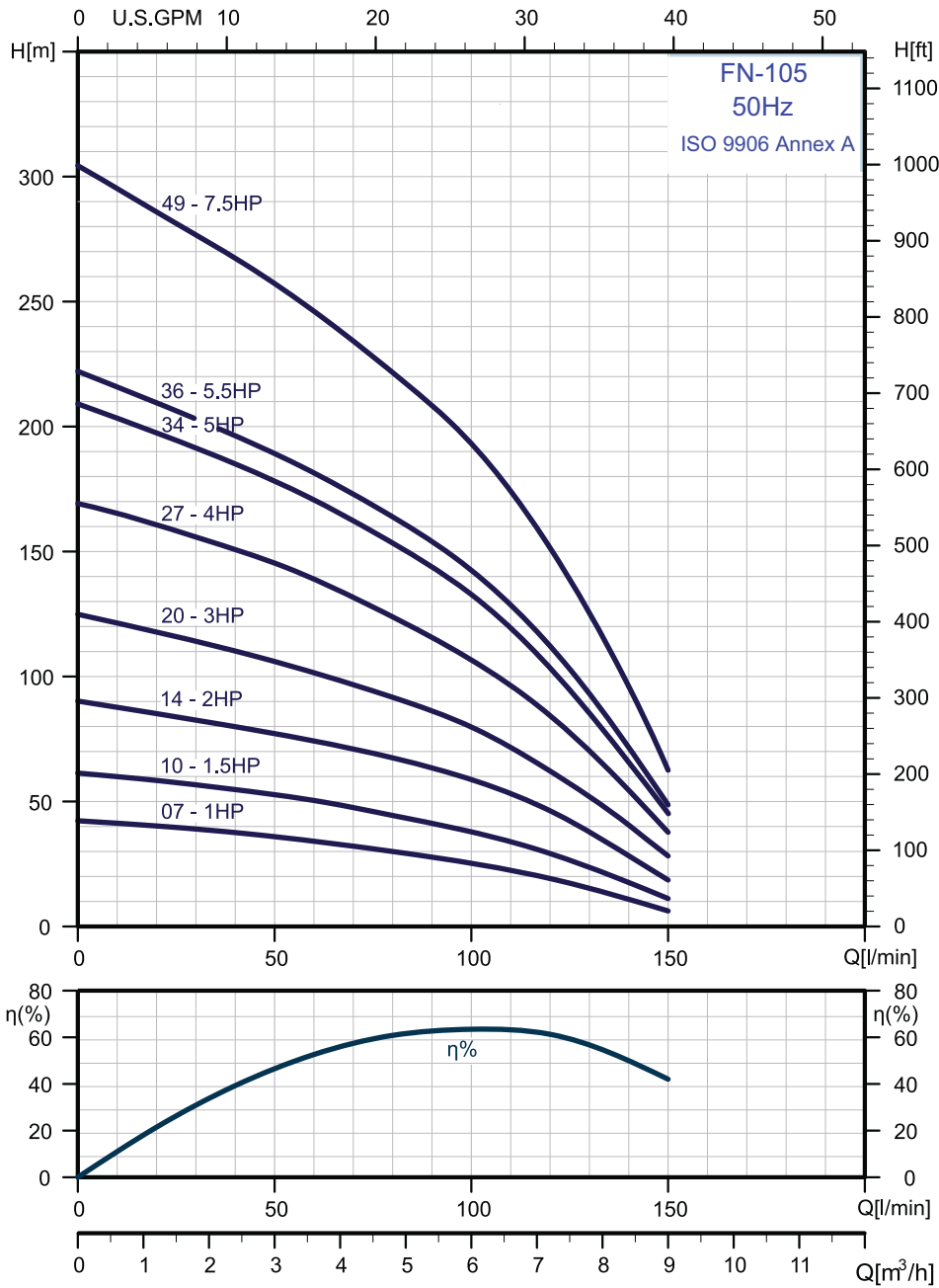
Selection Chart

PUMP TYPE	STAGES	MOTOR P ₂		Q=DELIVERY																Dimensions and Weights		
		KW	HP	l/min	0	25	30	35	40	45	50	60	70	80	90	100	120	Net Weight		Dimensions(mm)		
				m ³ /h	0	1.5	1.8	2.1	2.4	2.7	3.0	3.6	4.2	4.8	5.4	6.0	7.2	kg	A	B	C	
		H=TOTAL HEAD IN METERS																				
FN-5405	5	0.37	0.5		33	29	28	27	26	25	24	21	18	13	8	3		2.7	257	RP NPT 1 1/4"	98	
FN-5407	7	0.55	0.75		46	43	42	41	39	38	36	33	28	22	15	7		3.0	301		98	
FN-5409	9	0.75	1.0		59	55	54	52	51	49	47	43	37	28	20	10		3.3	344		98	
FN-5414	14	1.1	1.5		93	87	86	83	81	79	76	68	58	47	33	20		4.1	452		98	
FN-5418	18	1.5	2.0		120	113	111	108	105	102	98	88	75	60	42	25		4.7	538		98	
FN-5427	27	2.2	3.0		175	164	161	157	152	147	141	127	109	87	61	35		7.2	805		98	
FN-5435	35	3.0	4.0		228	212	208	203	197	191	184	166	145	119	85	46		8.9	972		98	
FN-5444	44	3.7	5.0		282	261	255	249	241	233	223	201	173	140	99	52		10.3	1166		98	
FN-5448	48	4.0	5.5		309	289	283	276	267	258	248	225	197	162	120	73		10.9	1291		98	



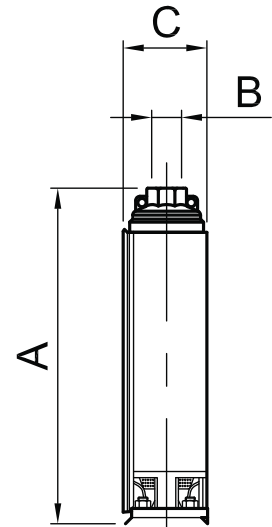
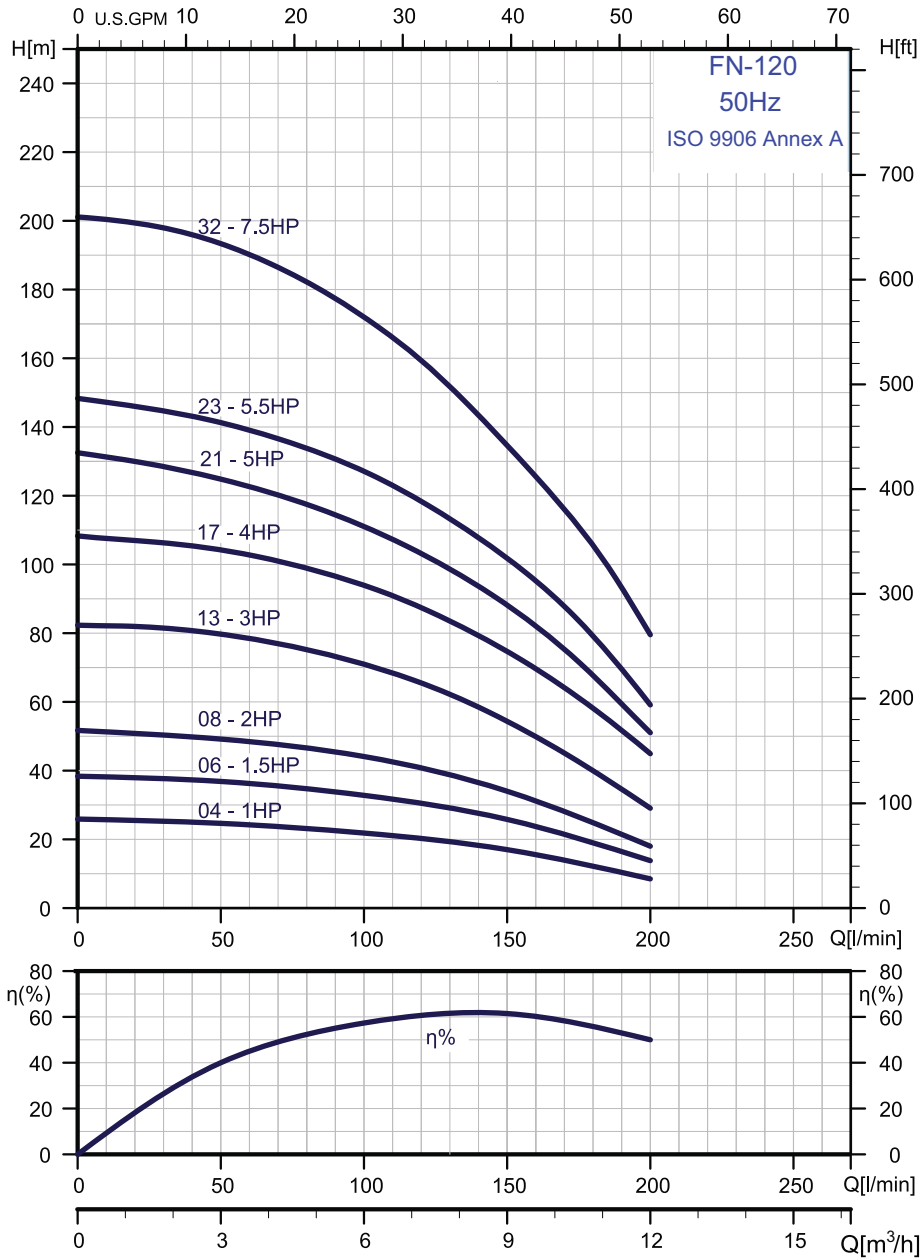
Selection Chart

PUMP TYPE	STAGES	MOTOR P2		Q=DELIVERY													Dimensions and Weights			
		KW	HP	l/min	0	35	40	45	50	60	70	80	90	100	120	Net Weight	Dimensions(mm)			
				m ³ /h	0	2.1	2.4	2.7	3.0	3.6	4.2	4.8	5.4	6.0	7.2		A	B	C	
				H=TOTAL HEAD IN METERS													kg	A	B	C
FN-7504	4	0.37	0.5		26	23	22	22	21	19	17	14	11	7		2.4	247	RP NPT 1 1/2"	98	
FN-7506	6	0.55	0.75		38	36	35	33	32	30	26	22	18	12		2.9	296		98	
FN-7508	8	0.75	1.0		51	47	46	44	43	39	35	30	24	18		3.3	345		98	
FN-7512	12	1.1	1.5		77	72	71	69	68	63	57	49	41	31		4.1	433		98	
FN-7516	16	1.5	2.0		102	98	96	94	92	86	77	68	57	46		5.0	542		98	
FN-7524	24	2.2	3.0		151	142	139	136	132	122	111	97	80	62		7.6	815		98	
FN-7532	32	3.0	4.0		203	188	185	180	175	162	146	127	105	80		9.7	1003		98	
FN-7540	40	3.7	5.0		253	232	227	222	216	202	182	159	131	102		11.4	1198		98	
FN-7544	44	4.0	5.5		278	265	260	254	247	230	210	187	159	127		12.2	1334		98	



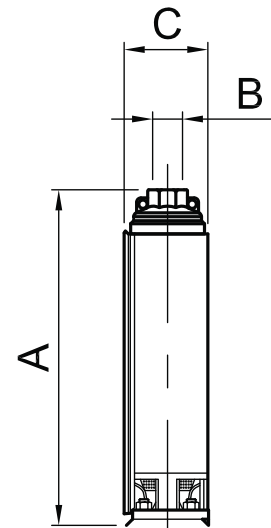
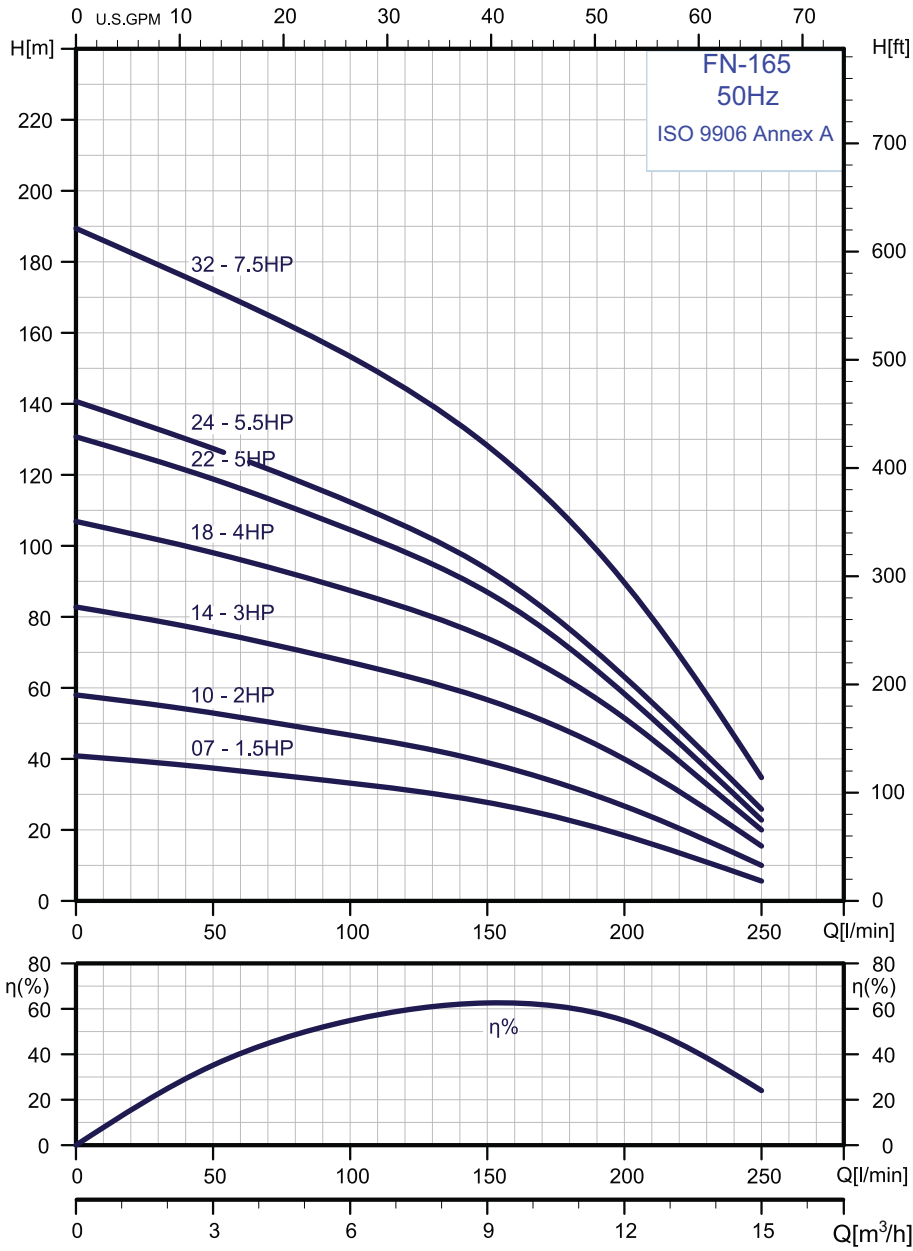
Selection Chart

PUMP TYPE	STAGES	MOTOR P ₂		Q=DELIVERY											Dimensions and Weights			
		KW	HP	l/min	0	50	60	70	80	90	100	120	140	160	Net Weight	Dimensions(mm)		
				m³/h	0	3.0	3.6	4.2	4.8	5.4	6.0	7.2	8.4	9.6		A	B	C
		H=TOTAL HEAD IN METERS											kg	A	B	C		
FN-10507	7	0.75	1.0		42	36	34	32	30	28	25	19	11		3.7	390	RP NPT 2"	98
FN-10510	10	1.1	1.5		62	53	51	48	45	41	38	29	18		4.6	483		98
FN-10514	14	1.5	2.0		90	77	74	71	68	63	59	46	28		5.7	607		98
FN-10520	20	2.2	3.0		125	107	102	97	92	86	80	62	40		7.5	831		98
FN-10527	27	3.0	4.0		169	145	139	131	123	115	107	84	55		10.6	1086		98
FN-10534	34	3.7	5.0		208	178	170	162	153	143	132	103	66		12.6	1295		98
FN-10536	36	4	5.5		221	190	181	173	164	154	143	112	72		13.2	1356		98
FN-10549	49	5.5	7.5		302	257	246	234	222	209	193	151	96		16.9	1840		98



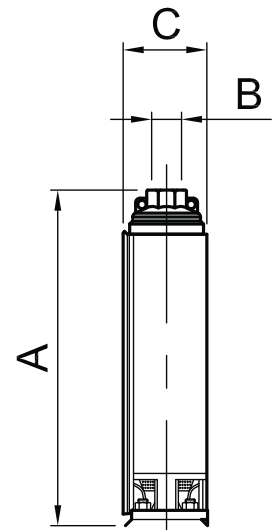
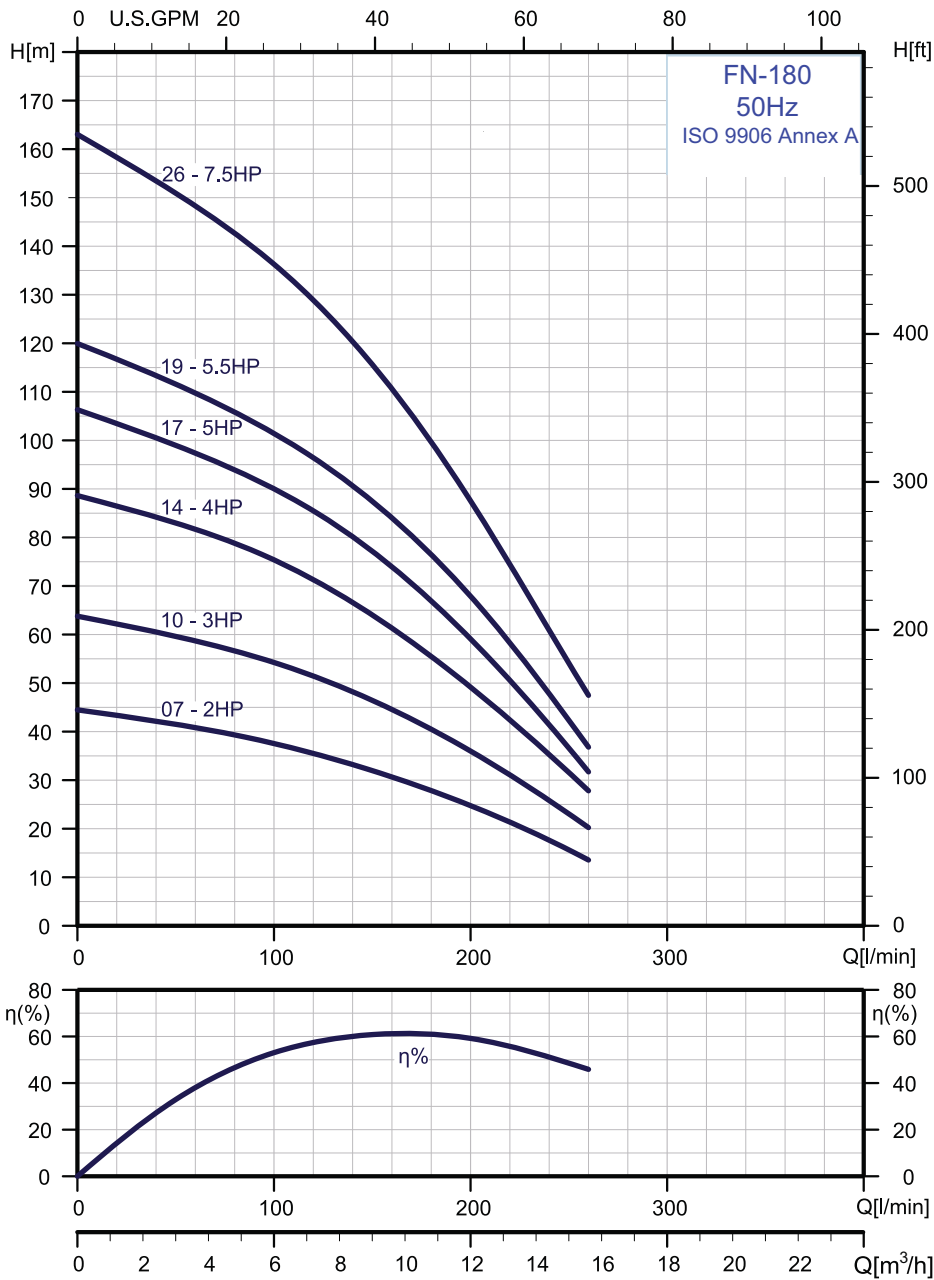
Selection Chart

PUMP TYPE	STAGES	MOTOR P ₂		Q=DELIVERY													Dimensions and Weights		
				l/min	0	80	90	100	120	140	160	180	200	220	Net Weight		Dimensions(mm)		
		m³/h	0	4.8	5.4	6.0	7.2	8.4	9.6	10.8	12	13.2	kg	A	B	C			
		H=TOTAL HEAD IN METERS																	
FN-12004	4	0.75	1.0		26	23	22	21	20	18	16	12	9		2.8	294	RP NPT 2"	98	
FN-12006	6	1.1	1.5		38	35	34	33	31	28	24	19	14		3.4	356		98	
FN-12008	8	1.5	2.0		52	47	45	44	41	37	31	25	18		4.0	418		98	
FN-12013	13	2.2	3.0		82	75	73	71	66	59	50	40	30		5.5	573		98	
FN-12017	17	3.0	4.0		108	98	96	94	87	79	70	58	46		6.6	697		98	
FN-12021	21	3.7	5.0		132	117	114	111	103	93	82	68	52		7.8	859		98	
FN-12023	23	4.0	5.5		148	134	131	127	118	108	95	79	60		9.4	959		98	
FN-12032	32	5.5	7.5		202	182	178	172	160	143	125	105	80		12.0	1276	98		



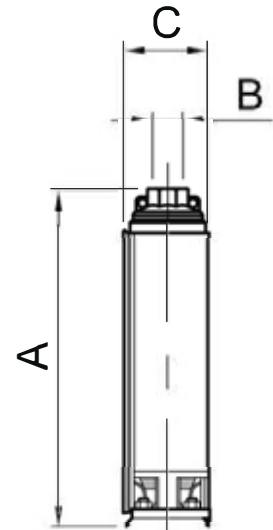
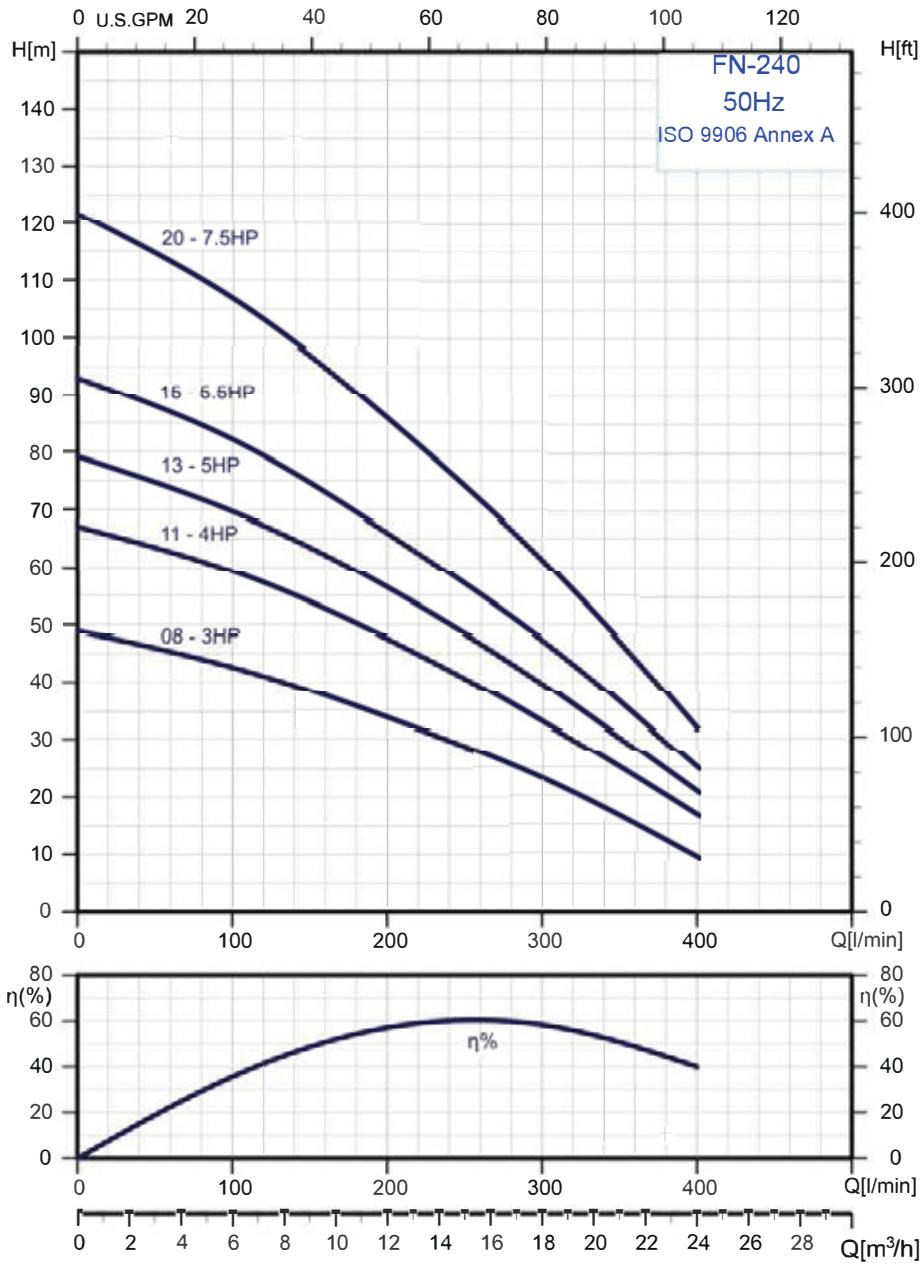
Selection Chart

PUMP TYPE	STAGES	MOTOR P ₂		Q=DELIVERY														Dimensions and Weights		
				l/min	0	80	90	100	120	140	160	180	200	220	240	260	Net Weight	Dimensions(mm)		
		m³/h	0	4.8	5.4	6.0	7.2	8.4	9.6	10.8	12	13.2	14.4	15.6	kg	A	B	C		
		H=TOTAL HEAD IN METERS																		
FN-16507	7	1.1	1.5		41	35	34	33	32	29	26	23	18	14	8		5.3	537	RP NPT 2"	98
FN-16510	10	1.5	2.0		58	49	48	47	44	41	37	32	27	20	13		6.7	693		98
FN-16514	14	2.2	3.0		83	71	69	67	63	58	54	48	40	31	20		8.5	901		98
FN-16518	18	3.0	4.0		107	92	90	87	83	77	70	62	52	39	26		11.4	1185		98
FN-16522	22	3.7	5.0		131	110	107	104	98	91	82	71	58	45	30		13.3	1383		98
FN-16524	24	4.0	5.5		141	118	116	113	106	97	88	77	63	49	33		14.2	1487		98
FN-16532	32	5.5	7.5		189	162	157	153	144	134	122	107	90	70	47		18.0	1904		98



Selection Chart

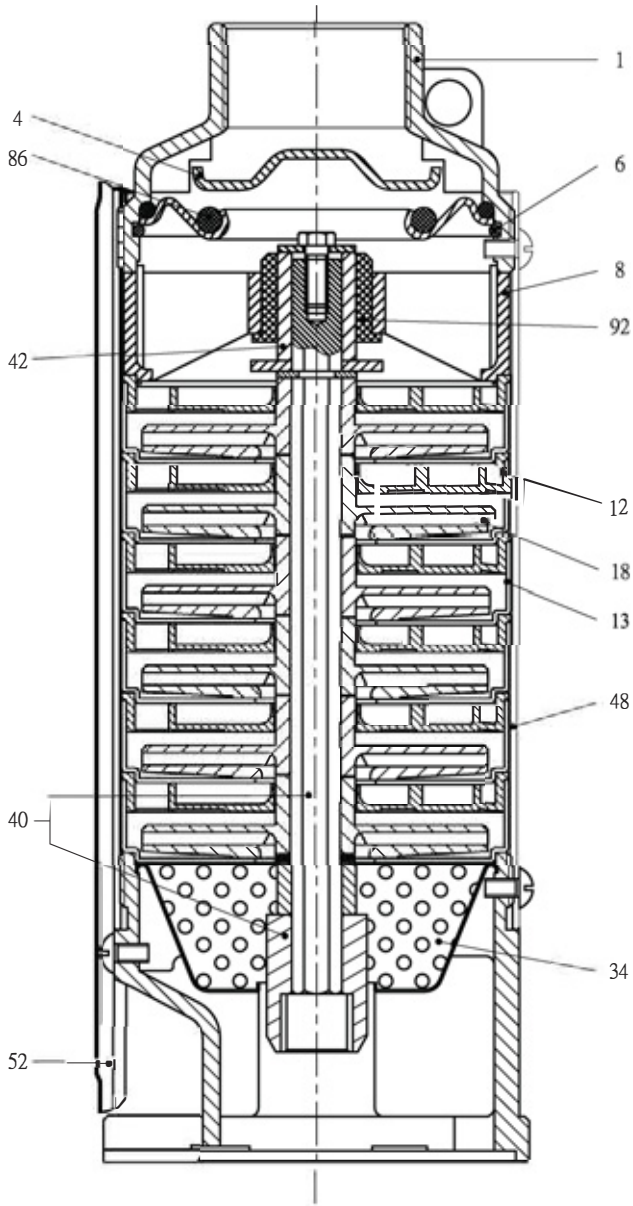
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				l/min	0	100	120	140	160	180	200	220	240	260	280	Net Weight		Dimensions(mm)		
		m³/h	0	6.0	7.2	8.4	9.6	10.8	12	13.2	14.4	15.6	16.8	kg	A	B	C			
H=TOTAL HEAD IN METERS																				
FN-18007	7	1.5	2.0		45	37	36	33	31	28	25	22	18	14		5.3	534	RP NPT 2"	98	
FN-18010	10	2.2	3.0		64	54	52	48	44	41	36	32	26	20		6.7	690		98	
FN-18014	14	3.0	4.0		89	76	72	67	62	56	49	43	35	28		8.6	989		98	
FN-18017	17	3.7	5.0		107	90	86	80	74	67	59	51	42	32		10.1	1092		98	
FN-18019	19	4.0	5.5		120	102	97	91	89	76	68	58	48	37		12.0	1233		98	
FN-18026	26	5.5	7.5		163	136	129	120	111	100	87	75	61	48		15.3	1597		98	



Selection Charts

PUMP TYPE	STAGES	MOTOR P ₂		Q=DELIVERY																	Dimensions and Weights			
				l/min	0	140	160	180	200	220	240	260	280	300	320	340	360	380	400	450	Net Weight	Dimensions(mm)		
		KW	HP	m ³ /h	0	8.4	9.6	10.8	12	13.2	14.4	15.6	16.8	18	19.2	20.4	21.6	22.8	24	27		kg	A	B
				H=TOTAL HEAD IN METERS																				
FN-24008	8	2.2	3.0		49	39	38	36	34	32	30	28	25	23	20	18	15	12	9		6.3	676	RP NPT 2"	98
FN-24011	11	3.0	4.0		67	55	53	50	48	45	42	39	36	33	30	27	23	20	16		8.1	880		98
FN-24013	13	3.7	5.0		79	65	62	59	56	53	50	47	43	40	36	32	28	24	20		9.3	1013		98
FN-24015	15	4.0	5.5		93	76	73	70	66	62	59	57	51	47	43	39	34	29	25		10.5	1149		98
FN-24020	20	5.5	7.5		122	99	95	90	86	81	76	72	67	61	56	50	44	38	32		13.5	1489		98

Lista componenti Components list



Pos.	Part Name	Material
01	Discharge Head	AISI 304 SS
04	Check Valve Cone	AISI 304 SS
06	Check Valve retaining Ring	AISI 304 SS
08	Bearing Spider	Glass Filled Polycarbonate
12	Diffuser	Glass Filled Polycarbonate
13	Bowl	AISI 304 SS
18	Impeller	Noryl
34	Strainer	AISI 304 SS
40	Pump Shaft/ Coupling	AISI 304 SS
42	Shaft Sleeve	AISI 304 SS or Noryl
48	Pump Casing	AISI 304 SS
52	Cable Guard	AISI 304 SS
86	O-Ring	NBR
92	Bearing	Polyacetal