



CE RoHS SABER
OLBIN PUMP GREAT PUMP
100% EUROPEAN STANDARD
50Hz



CONTACT INFORMATION

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Factory JIANGSU



Factory WENLING



Factory SONGMEN



Factory



End suction type fire pumps/EDJ series

Fire fighting pump system Series

"Fire fighting pump system series" packages offers completed skid mounted unit including high quality Horizontal End Suction / Split Case Pumps that coupled with Heavy duty (Electrical/ Diesel) Drivers that assembled with full discharge Line Control Gate & Check Valves along with flexible joints.

Pressure Switches & Gauge fitted on well Supported Header, where all pre-piped, wired, & fabricated in common compact skid is fully automatic operated through latest design control panel.

"Fire fighting pump system Series" innovated design has different combinations & models that suite different clients requirements, as well as hazard application needs.

The standard models of "Fire fighting pump system series" are as Follows.

- ✧ Compact design pump sets
- ✧ Easily to handle install & maintain
- ✧ All pump elements , drives , controllers are all skid mounted
- ✧ Pre-piped,wired & factory tested
- ✧ From 50gpm~1500gpm
- ✧ 6 bars to 12 bars

Consist of main End Suction Pump driven by Electrical Motor,Stand by End Suction Diesel Pump driven by Diesel Engine,& Vertical Jockey (maintenance) Pump that all are assembled with discharge line accessories, as well as connected with Skid Mounted Control Panel. Available Flow Capacities

(50, 120, 150,200, 250, 300,400, 500, 750 & 1000 ,1250) GPM.



EDJ series



EDJ series

End suction type fire pumps

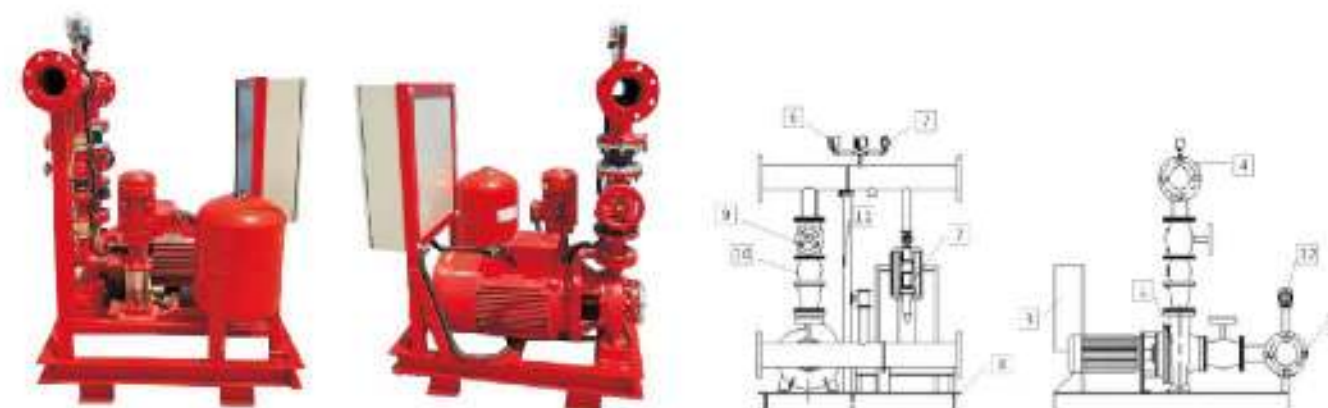
Regular Model	Motor Power	Pump For Electric	Pump For Diesel	Pump Coupling Motor	MOTOR	DIESEL	Jockey
80	7bar	EDJ8007-10-6.5	ETA 32-250/75	ETA 32-250/75	YES-132S2-2-7.5kw	168-8 BHP	CDL4-1100HP
100	7bar	EDJ1007-10-6.5	ETA 32-250/75	ETA 32-250/75	YES-132S2-2-7.5kw	168-8 BHP	CDL4-1100HP
120	7bar	EDJ1207-10-12.5	ETA 32-250/75	ETA 32-250/75	YES-132S2-2-7.5kw	192-12HP	CDL4-1100HP
150	7bar	EDJ1507-10-15.5	ETA 40-250/110	ETA 40-250/110	YES-160M-2-11kw	196-15HP	CDL4-1100HP
200	7bar	EDJ2007-20-27.5	ETA 40-250/160	ETA 40-250/160	YES-160M-2-11kw	360-27HP	CDL4-1100HP
250	7bar	EDJ2507-25-27.5	ETA 50-250/185	ETA 50-250/185	YES-160L-2-18.5kw	380-27HP	CDL8-1200.5 BHP
300	7bar	EDJ3007-30-32-5.5	ETA 50-250/220	ETA 50-250/220	YES-160M-2-22kw	385-32HP	CDL8-1200.5 BHP
350	7bar	EDJ3507-35-32-5.5	ETA 50-250/220	ETA 50-250/220	YES-160M-2-22kw	385-32HP	CDL8-1200.5 BHP
400	7bar	EDJ4007-40-38-5.5	ETA 65-250/300	ETA 65-250/300	YES-200L1-2-30kw	450-38HP	CDL8-1200.5 BHP
500	8bar	EDJ5007-50-45-5.5	ETA 65-250/370	ETA 65-250/370	YES-200L2-2-37kw	490B-66HP	CDL8-1200.5 BHP
750	8bar	EDJ7507-75-75-7.5	ETA 80-250/550	ETA 80-250/550	YES-250M-2-55kw	410B-75HP	CDL8-1200.5 BHP
1000	8bar	EDJ10007-100-105-10	ETA 100-250/750	ETA 100-250/750	YES-280S-2-75kw	410B-105HP	CDL12-12010HP
1250	8bar	EDJ12507-125-120-10	ETA 125-250/1100	ETA 125-250/1100	YES-315S-2-110kw	680-120HP	CDL12-12010HP
500	10bar	EDJ5007-50-45-5.5	ETA 65-250/370	ETA 65-250/370	YES-200L1-2-30kw	450-38HP	CDL8-1200.5 BHP
750	10bar	EDJ7507-75-75-7.5	ETA 80-250/550	ETA 80-250/550	YES-250M-2-55kw	410B-75HP	CDL8-1200.5 BHP
1000	10bar	EDJ10007-100-105-10	ETA 100-250/750	ETA 100-250/750	YES-280S-2-75kw	410B-105HP	CDL12-12010HP
1250	10bar	EDJ12507-125-120-10	ETA 125-250/1100	ETA 125-250/1100	YES-315S-2-110kw	680-120HP	CDL12-12010HP
500	13bar	EDJ5007-50-45-5.5	ETA 65-250/370	ETA 65-250/370	YES-200L1-2-30kw	450-38HP	CDL8-1200.5 BHP
750	13bar	EDJ7507-75-75-7.5	ETA 80-250/550	ETA 80-250/550	YES-250M-2-55kw	410B-75HP	CDL8-1200.5 BHP
1000	13bar	EDJ10007-100-105-10	ETA 100-250/750	ETA 100-250/750	YES-280S-2-75kw	410B-105HP	CDL12-12010HP
1250	13bar	EDJ12507-125-120-10	ETA 125-250/1100	ETA 125-250/1100	YES-315S-2-110kw	680-120HP	CDL12-12010HP
500	1500	EDJ5007-50-45-5.5	ETA 65-250/370	ETA 65-250/370	YES-200L1-2-30kw	450-38HP	CDL8-1200.5 BHP
750	1500	EDJ7507-75-75-7.5	ETA 80-250/550	ETA 80-250/550	YES-250M-2-55kw	410B-75HP	CDL8-1200.5 BHP
1000	1500	EDJ10007-100-105-10	ETA 100-250/750	ETA 100-250/750	YES-280S-2-75kw	410B-105HP	CDL12-12010HP
1250	1500	EDJ12507-125-120-10	ETA 125-250/1100	ETA 125-250/1100	YES-315S-2-110kw	680-120HP	CDL12-12010HP

End suction type fire pumps/DJ series



GPM	BAR	REGULAR MODEL	PUMP FOR DIESEL 3000RPM	DIESEL	JOCKEY
					
80	7bar	DJ80/7-6.6-3	ETA 32-250/75	185-8.6HP	CDL4×110/3HP
100	7bar	DJ100/7-8.6-3	ETA 32-250/75	185-8.6HP	CDL4×110/3HP
120	7bar	DJ120/7-12-3	ETA 32-250/75H	192-12HP	CDL4×110/3HP
150	7bar	DJ150/7-15-3	ETA 40-250/110	195-15HP	CDL4×110/3HP
200	7bar	DJ200/7-27-3	ETA 40-250/150	300-27HP	CDL4×110/3HP
250	7bar	DJ250/7-27-5.5	ETA 60-250/185	385-27HP	CDL8×120/5.5HP
300	7bar	DJ300/7-32-5.5	ETA 50-250/220	385-32HP	CDL8×120/5.5HP
350	7bar	DJ350/7-32-5.5	ETA 50-250/220	385-32HP	CDL8×120/5.5HP
400	7bar	DJ400/7-38-5.5	ETA 65-250/300	480-38HP	CDL8×120/5.5HP
500	8bar	DJ500/8-36-5.5	ETA 65-250/370	490B-56HP	CDL8×120/5.5HP
750	8bar	DJ750/8-75-7.5	ETA 80-250/550	410B-75HP	CDL8×130/7.5HP
1000	8bar	DJ1000/8-105-10	ETA 100-250/750	410B-105HP	CDL12×120/10HP
1250	8bar	DJ1250/8-130-10	ETA 125-250/1100	680-G-130HP	CDL12×120/10HP
500	10bar	DJ500/10-60-7.5	ETA 65-315/450	490BL-60HP	CDL8×130/7.5HP
750	10bar	DJ750/10-105-10	ETA 80-315/750	410B-105HP	CDL12×120/10HP
1000	10bar	DJ1000/10-120-10	ETA 100-315/900	410BZL-120HP	CDL12×120/10HP
1250	10bar	DJ1250/10-180-10	PS125-315/1320	680-ZL-180HP	CDL12×120/10HP
500	13bar	DJ500/13-105-10	ETA 65-315/750	410B-105HP	CDL12×120/10HP
750	13bar	DJ750/13-113-10	ETA 80-315/900	410BZ-113HP	CDL12×120/10HP
1000	13bar	DJ1000/13-180-10	PS100-315/1100	680-ZL-180HP	CDL12×120/10HP
1250	13bar	DJ1250/13-200-10	ETA 125-315/1600	680-ZL-200HP	CDL12×120/10HP
1500	13bar	DJ1500/13-200-10	ETA 125-315/1600	680-ZL-200HP	CDL12×120/10HP

End suction type fire pumps/EJ series



GPM	BAR	REGULAR MODEL	MOTOR PUMP	PUMP COUPLING MOTOR	MOTOR	JOCKEY
						
80	7bar	EJ80/7-10-3	ETA 32-250/75	ETA 32-250/75	YES-13252-2-7.5kw	CDL4×110/3HP
100	7bar	EJ100/7-10-3	ETA 32-250/75	ETA 32-250/75	YES-13252-2-7.5kw	CDL4×110/3HP
120	7bar	EJ120/7-10-3	ETA 32-250/750	ETA 32-250/75H	YES-13252-2-7.5kw	CDL4×110/3HP
150	7bar	EJ150/7-15-3	ETA40-250/110	ETA 40-250/110	YES-160M1-2-11kw	CDL4×110/3HP
200	7bar	EJ200/7-20-3	ETA40-250/150	ETA 40-250/150	YES-160M2-2-15kw	CDL4×110/3HP
250	7bar	EJ250/7-25-5.5	ETA 50-250/185	ETA 50-250/185	YES-160L-2-10.5kw	CDL8×120/5.5HP
300	7bar	EJ300/7-30-5.5	ETA 50-250/220	ETA 50-250/220	YES-160M-2-22kw	CDL8×120/5.5HP
350	7bar	EJ350/7-30-5.5	ETA 50-250/220	ETA 50-250/220	YES-160M-2-22kw	CDL8×120/5.5HP
400	7bar	EJ400/7-40-5.5	ETA 65-250/300	ETA 65-250/300	YES-200L1-2-30kw	CDL8×120/5.5HP
500	8bar	EJ500/8-50-5.5	ETA 65-250/370	ETA 65-250/370	YES-200L2-2-37kw	CDL8×120/5.5HP
750	8bar	EJ750/8-75-7.5	ETA 80-250/550	ETA 80-250/550	YES-250M-2-55kw	CDL8×130/7.5HP
1000	8bar	EJ1000/8-100-10	ETA 100-250/750	ETA 100-250/750	YES-200S-2-75kw	CDL12×120/10HP
1250	8bar	EJ1250/8-150-10		ETA 125-250/1100	YES-315S-2-110kw	CDL12×120/10HP
500	10bar	EJ500/10-60-7.5		ETA 65-315/450	YES-225M-2-45kw	CDL8×130/7.5HP
750	10bar	EJ750/10-100-10		ETA 80-315/750	YES-200S-2-75kw	CDL12×120/10HP
1000	10bar	EJ1000/10-120-10		ETA 100-315/900	YES-200M-2-90kw	CDL12×120/10HP
1250	10bar	EJ1250/10-180-10		ETA 125-315/1320	YES-315M-2-132kw	CDL12×120/10HP
500	13bar	EJ500/13-100-10		ETA 65-315/750	YES-200S-2-75kw	CDL12×120/10HP
750	13bar	EJ750/13-125-10		ETA 80-315/900	YES-200M-2-90kw	CDL12×120/10HP
1000	13bar	EJ1000/13-150-10		ETA 100-315/1100	YES-315S-2-110kw	CDL12×120/10HP
1250	13bar	EJ1250/13-220-10		ETA 125-315/1600	YES-315L1-2-160kw	CDL12×120/10HP
1500	13bar	EJ1500/13-220-10		ETA 125-315/1600	YES-315L1-2-160kw	CDL12×120/10HP

PORTABLE DIESEL ENGINE PUMP



Good solenoid
 Portable strong frame
 Outlet can be 2side

50-80GPM 7BAR

Model	80DI
Suction, dia.(in)	3" / 2"
Con.capacity(GPM)	50
Con.head(m)	70
Suction head(m)	8
Dry weight(kg)	57

120-150GPM 7BAR

Model	100DI
Suction, dia.(in)	3" / 2"
Con.capacity(GPM)	150
Con.head(m)	70
Suction head(m)	8
Dry weight(kg)	60

ETA SERIES

PERFORMANCE RANGE

Flow rate up to 6200 l/min(372m³/h)(1650GPM)

Dynamic head up to 112m(367 feet)

Suction lift up to 7 m



BARESHAF TYPE



MONOBLOCK TYPE

GPM	BAR	MOTOR PUMP	PUMP FOR ELECTRIC	MOTOR	PUMP FOR ELECTRIC
					
60	7bar	ETA 32-250/75	ETA 32-250/75	YE3-132S2-2-7.5kw	ETA 32-250/75
100	7bar	ETA 32-250/75	ETA 32-250/75	YE3-132S2-2-7.5kw	ETA 32-250/75
120	7bar	ETA 32-250/75D	ETA 32-250/75H	YE3-132S2-2-7.5kw	ETA 32-250/75H
150	7bar	ETA 40-250/110	ETA 40-250/110	YE3-160M1-2-11kw	ETA 40-250/110
200	7bar	ETA 40-250/150	ETA 40-250/150	YE3-160M2-2-15kw	ETA 40-250/150
250	7bar	ETA 50-250/185	ETA 50-250/185	YE3-180L-2-18.5kw	ETA 50-250/185
300	7bar	ETA 50-250/220	ETA 50-250/220	YE3-180M-2-22kw	ETA 50-250/220
350	7bar	ETA 50-250/220	ETA 50-250/220	YE3-180M-2-22kw	ETA 50-250/220
400	7bar	ETA 65-250/300	ETA 65-250/300	YE3-200L1-2-30kw	ETA 65-250/300
500	8bar	ETA 65-250/370	ETA 65-250/370	YE3-200L2-2-37kw	ETA 65-250/370
750	8bar	ETA 80-250/550	ETA 80-250/550	YE3-250M-2-55kw	ETA 80-250/550
1000	8bar	ETA 100-250/750	ETA 100-250/750	YE3-280S-2-75kw	ETA 100-250/750
1250	8bar		ETA 125-250/1100	YE3-315S-2-110kw	ETA 125-250/1100
500	10bar		ETA 65-315/450	YE3-225M-2-45kw	ETA 65-315/450
750	10bar		ETA 80-315/750	YE3-280S-2-75kw	ETA 80-315/750
1000	10bar		ETA 100-315/900	YE3-280M-2-90kw	ETA 100-315/900
1250	10bar		ETA 125-315/1320	YE3-315M-2-132kw	ETA 125-315/1320
500	13bar		ETA 65-315/750	YE3-280S-2-75kw	ETA 65-315/750
750	13bar		ETA 80-315/900	YE3-280M-2-90kw	ETA 80-315/900
1000	13bar		ETA 100-315/1100	YE3-315S-2-110kw	ETA 100-315/1100
1250	13bar		ETA 125-315/1600	YE3-315L1-2-160kw	ETA 125-315/1600
1500	13bar		ETA 125-315/1600	YE3-315L1-2-160kw	ETA 125-315/1600

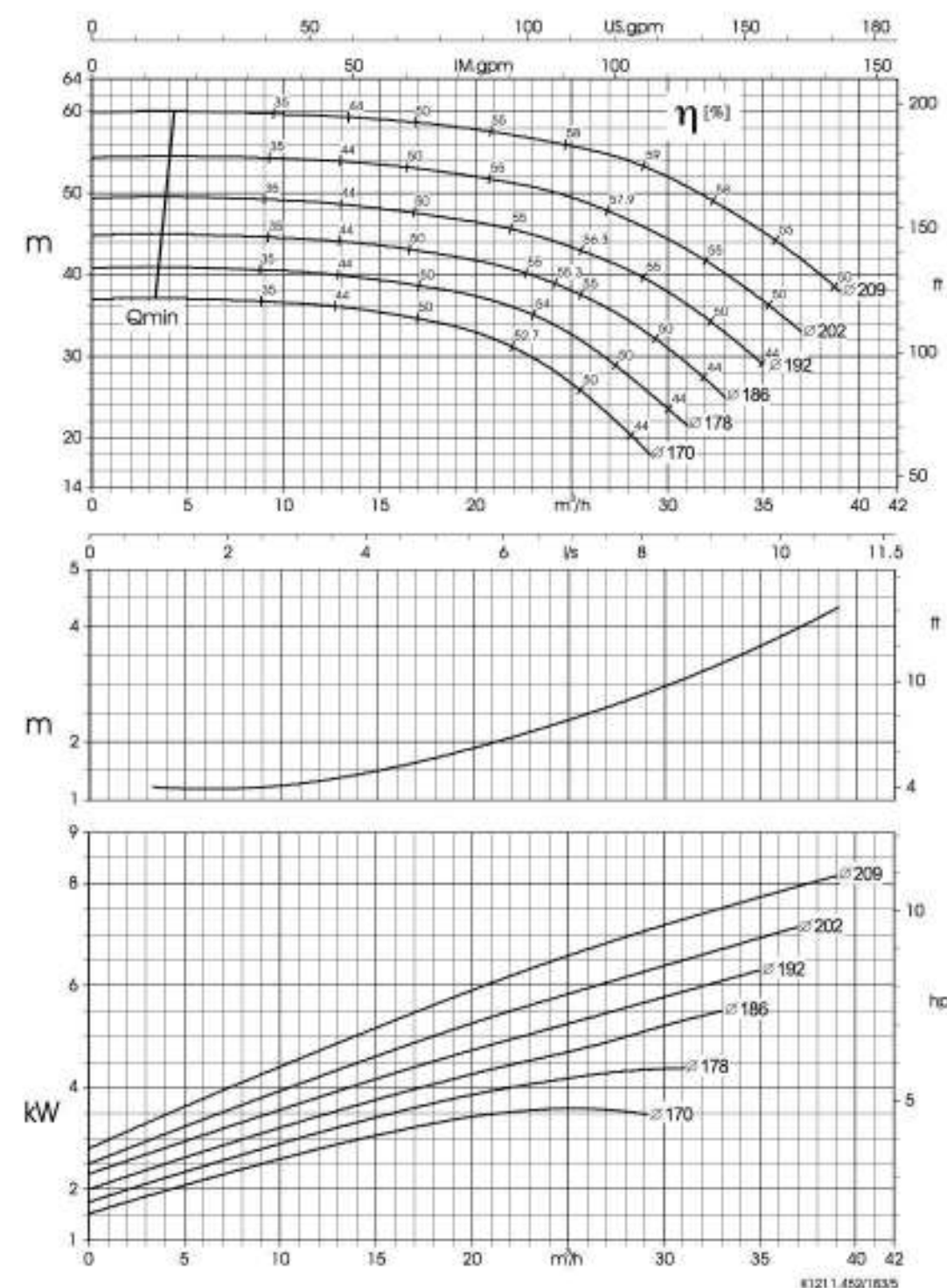
DIESEL ENGINE WITH BARESHAFT PUMP



GPM	BAR	PUMP FOR DIESEL	DIESEL 3000RPM	SUCTION / DISCHARGE inch
				
80	7bar	ETA 32-250/75	186-8.6HP	2"11.25"
100	7bar	ETA 32-250/75	186-8.6HP	2"11.25"
120	7bar	ETA 32-250/75H	192-12HP	2"11.25"
150	7bar	ETA 40-250/110	195-15HP	2"11.5"
200	7bar	ETA 40-250/150	305-27HP	2"11.5"
250	7bar	ETA 50-250/185	385-27HP	2.5"12"
300	7bar	ETA 50-250/220	385-32HP	2.5"12"
350	7bar	ETA 50-250/220	385-32HP	2.5"12"
400	7bar	ETA 65-250/300	405-35HP	3"12.5"
500	8bar	ETA 65-250/370	492B-56HP	3"12.5"
750	8bar	ETA 80-250/550	4100B-75HP	4"13"
1000	8bar	ETA 100-250/730	4100B-105HP	5"14"
1250	8bar	ETA 125-250/1100	680-ZL-130HP	6"15"
500	10bar	ETA 65-315/450	495BL-60HP	3"12.5"
750	10bar	ETA 80-315/750	4100B-105HP	4"13"
1000	10bar	ETA 100-315/900	4100BZL-120HP	5"14"
1250	10bar	PS125-315/1320	680-ZL-180HP	6"15"
500	13bar	ETA 65-315/750	4100B-105HP	3"12.5"
750	13bar	ETA 80-315/900	4100BZL-113HP	4"13"
1000	13bar	PS100-315/1100	680-ZL-160HP	5"14"
1250	13bar	ETA 125-315/1600	680-ZL-200HP	6"15"
1500	13bar	ETA 125-315/1600	680-ZL-200HP	6"15"

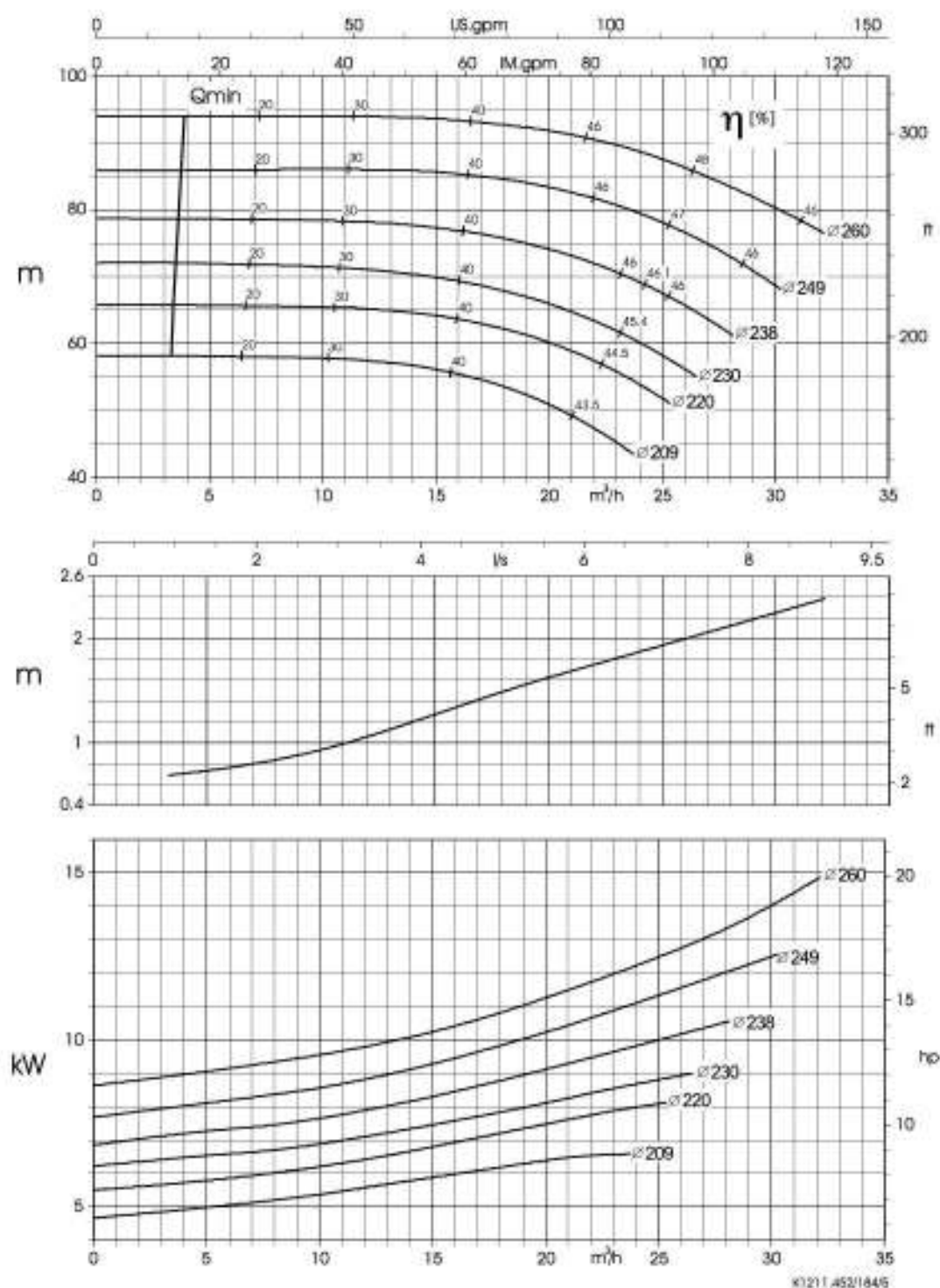
ETABARE32-200 ETABLOK32-200

2900RPM 50HZ



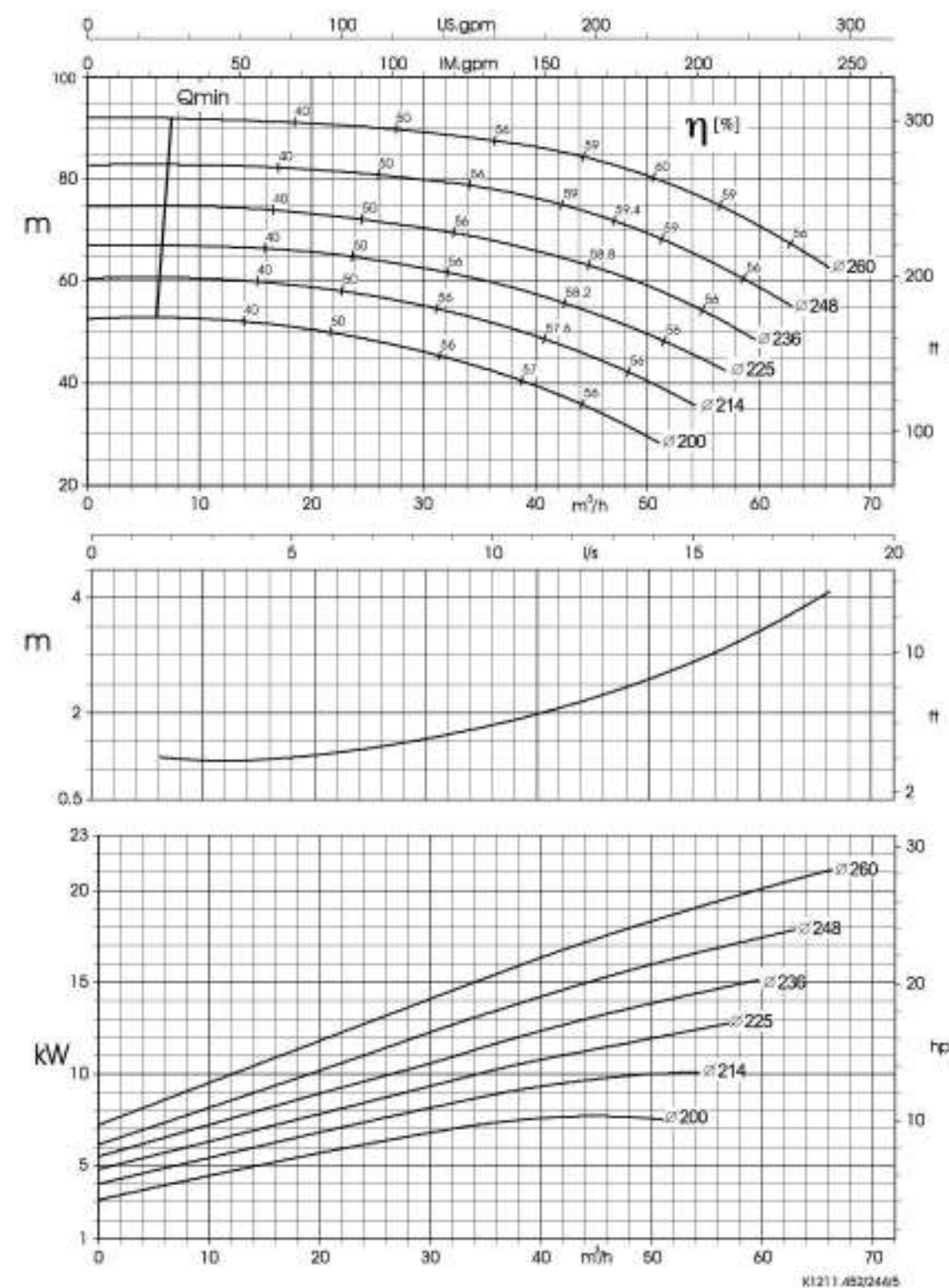
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2900RPM 50HZ



ETABARE40-250 ETABLOK40-250

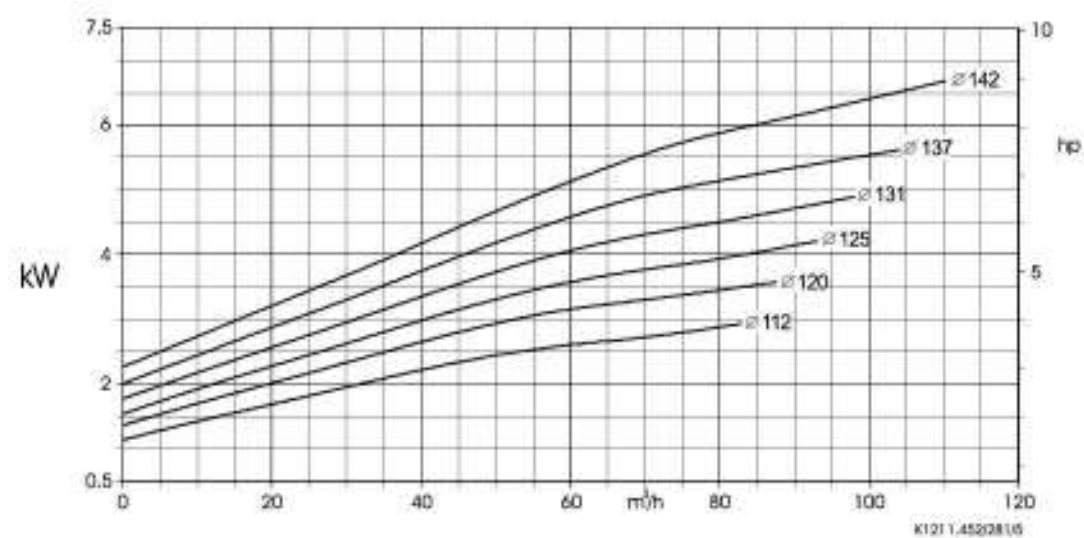
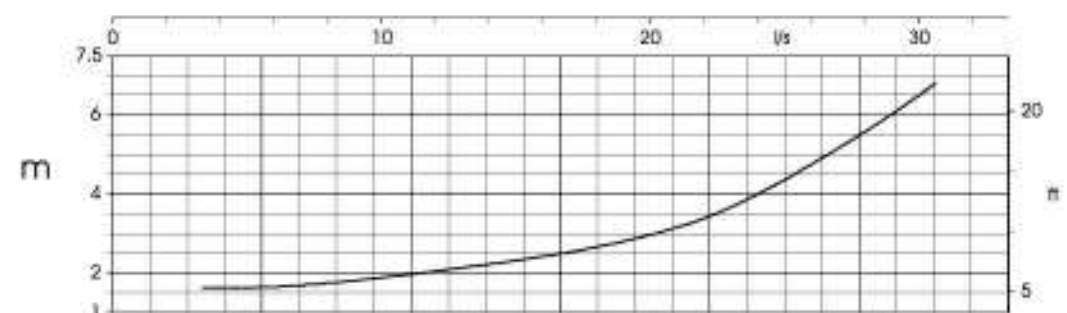
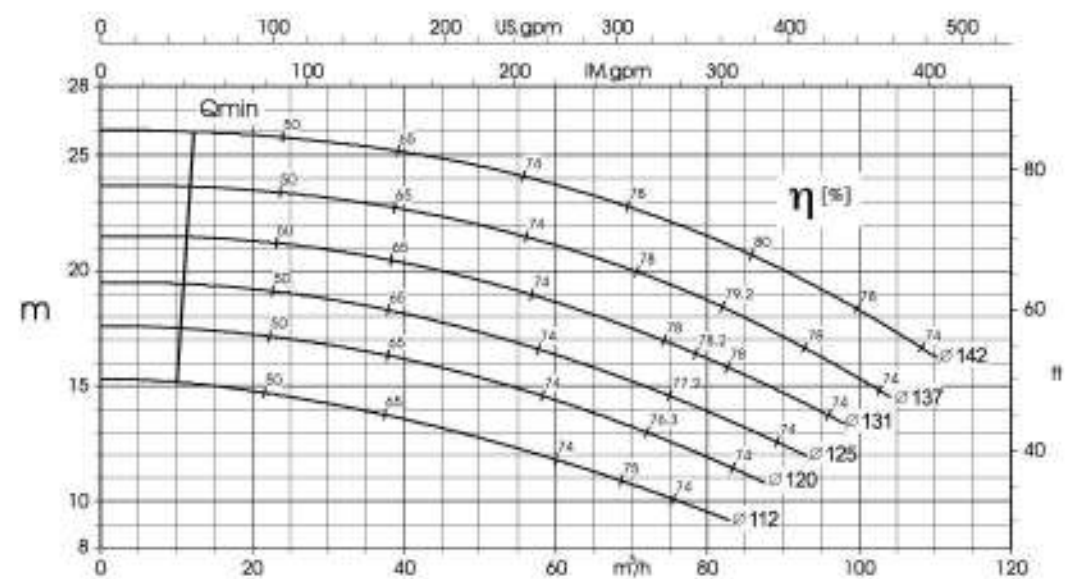
2900RPM 50HZ



ETABARE50-250 ETABLOK50-250



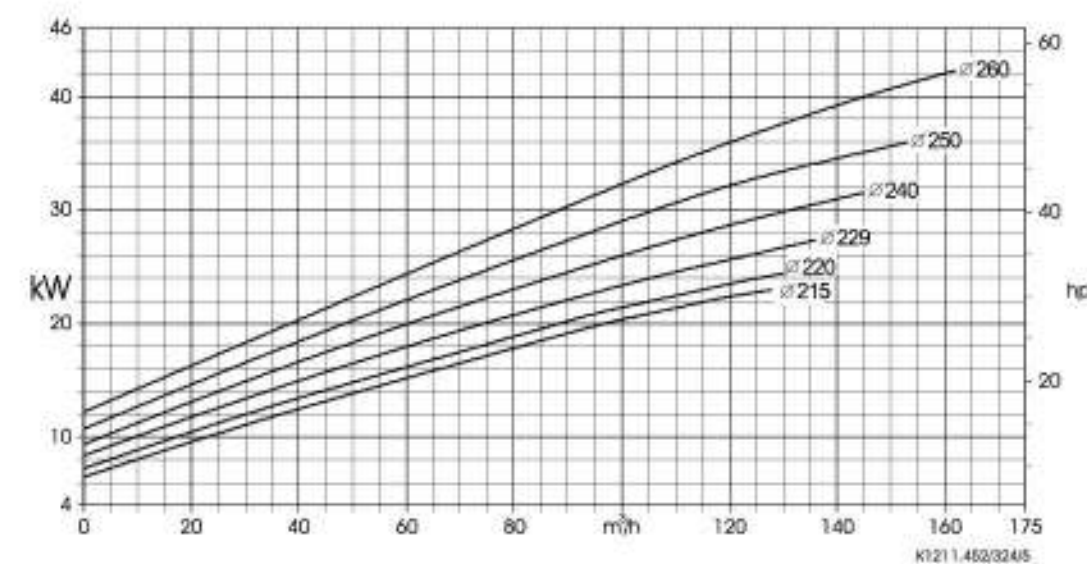
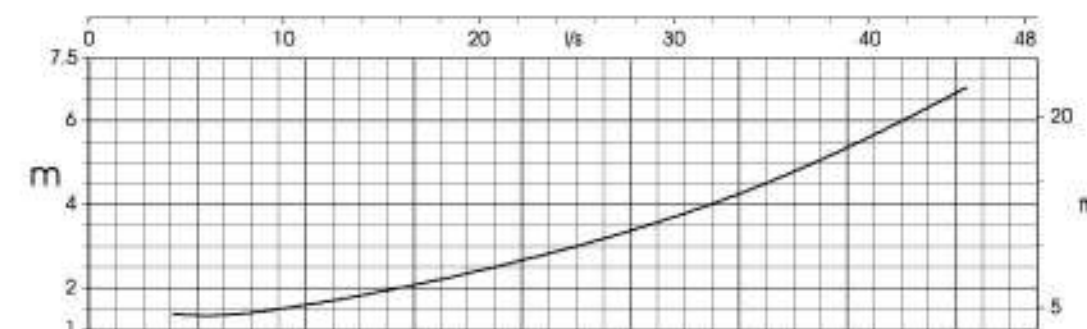
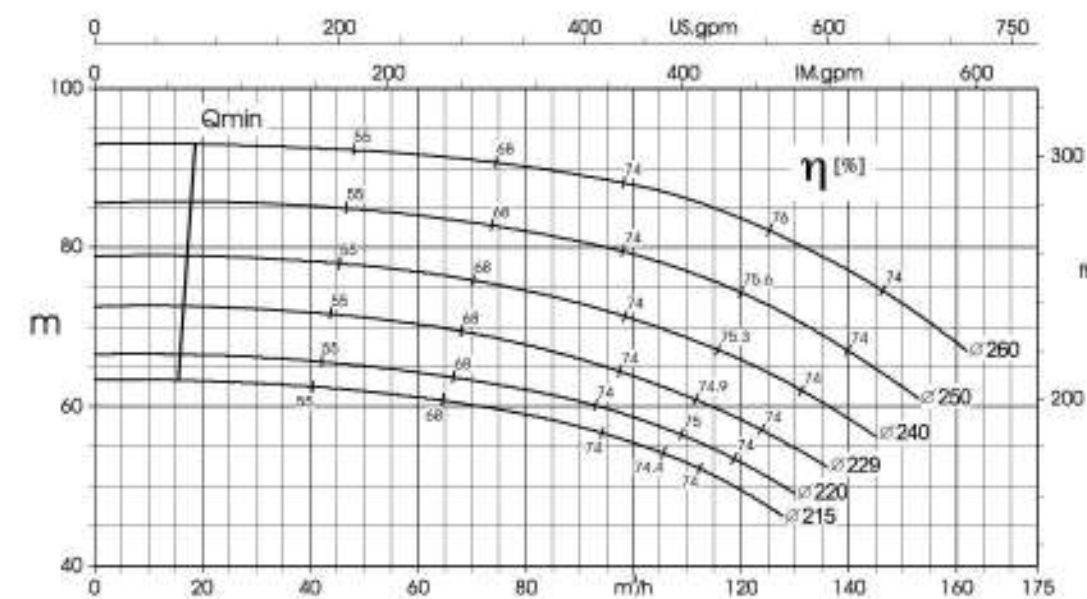
2900RPM 50HZ



EETABARE65-250 ETABLOK65-250



2900RPM 50HZ



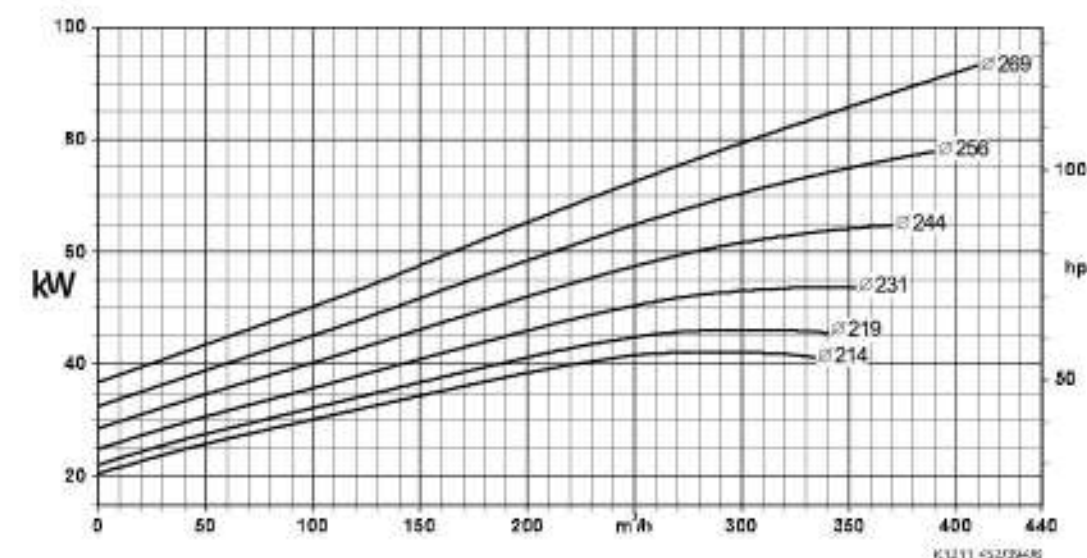
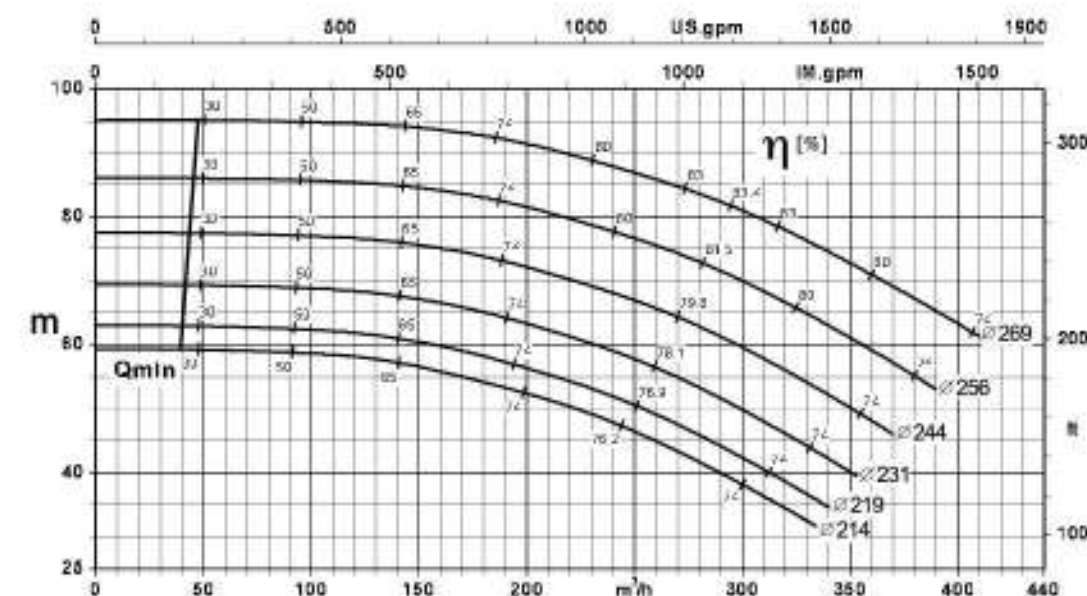
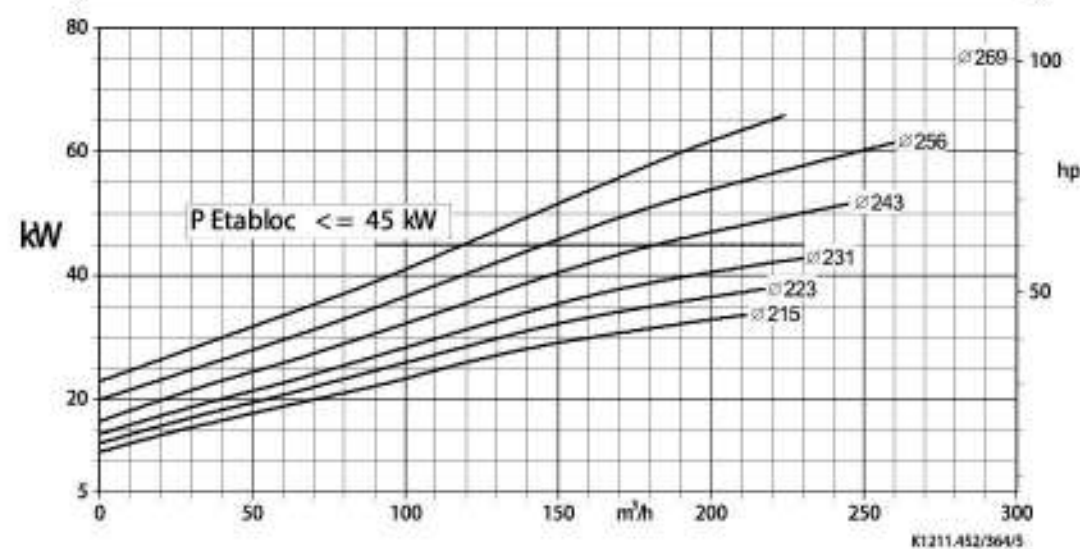
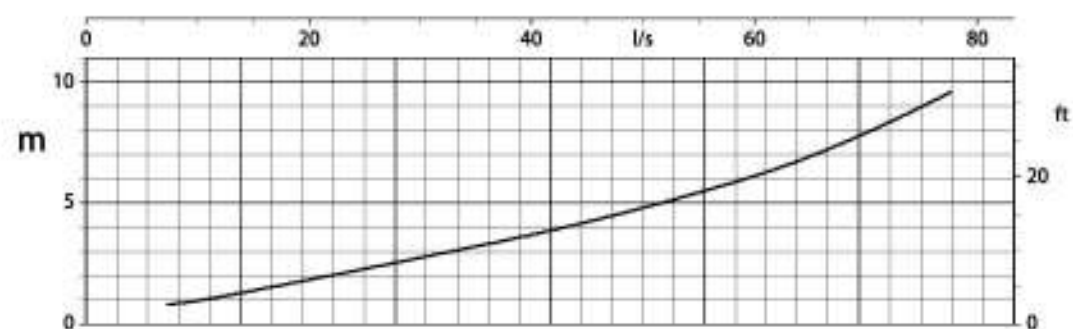
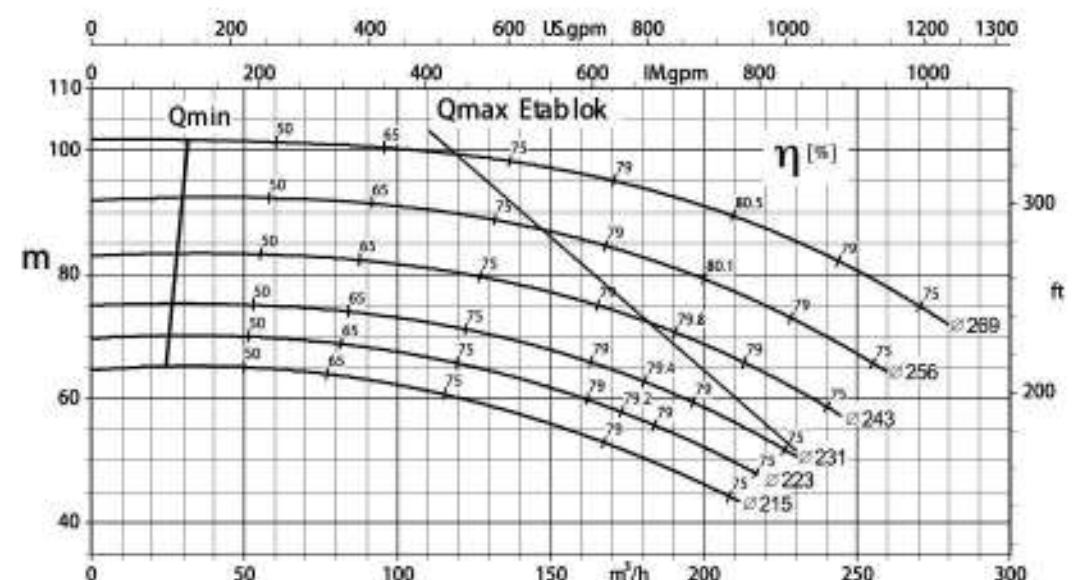
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2900RPM 50HZ



ETABARE100-250 ETABLOK100-250

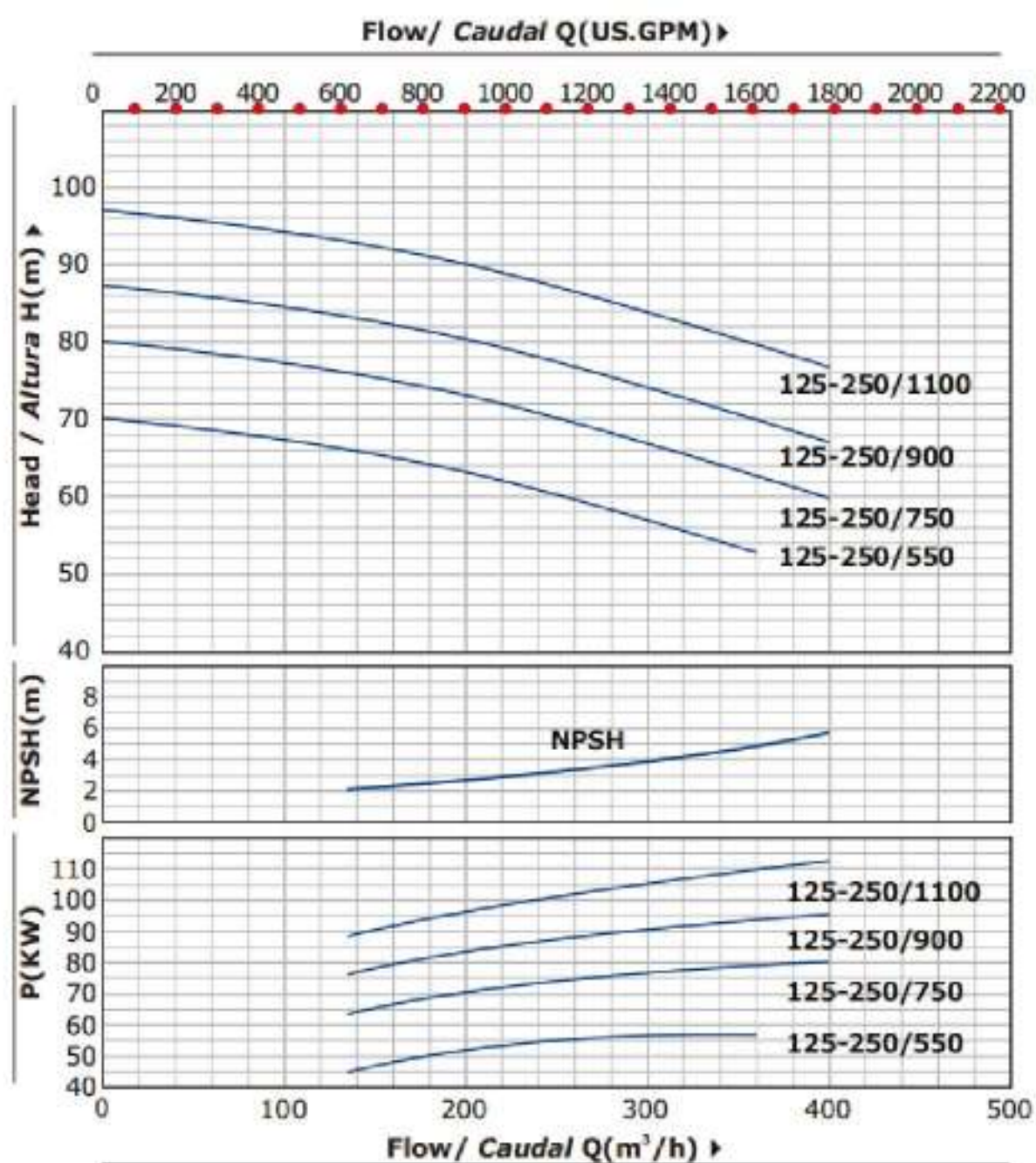
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ETABARE125-250 ETABLOK125-250



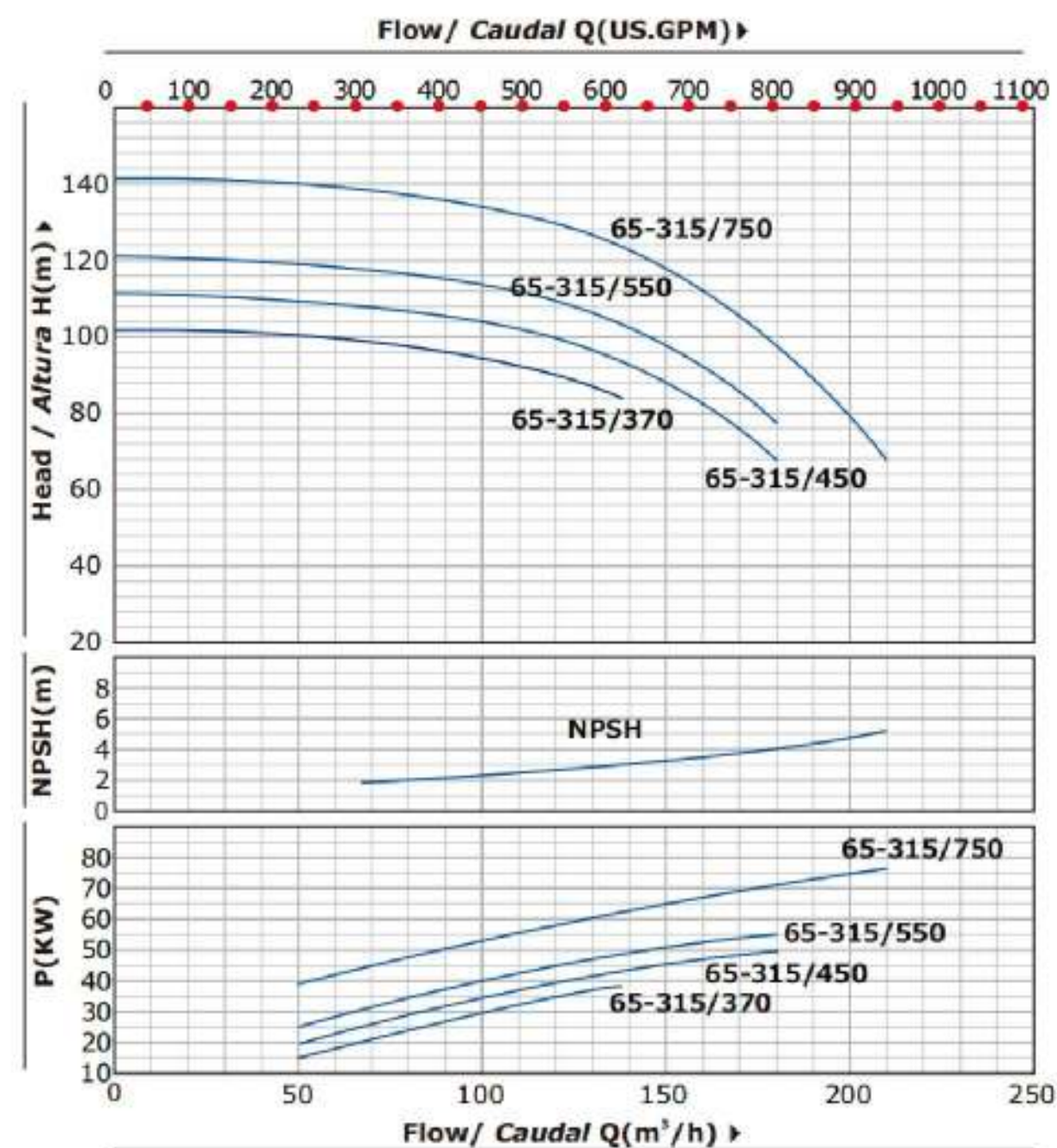
2900RPM 50HZ



ETABARE65-315 ETABLOK65-315

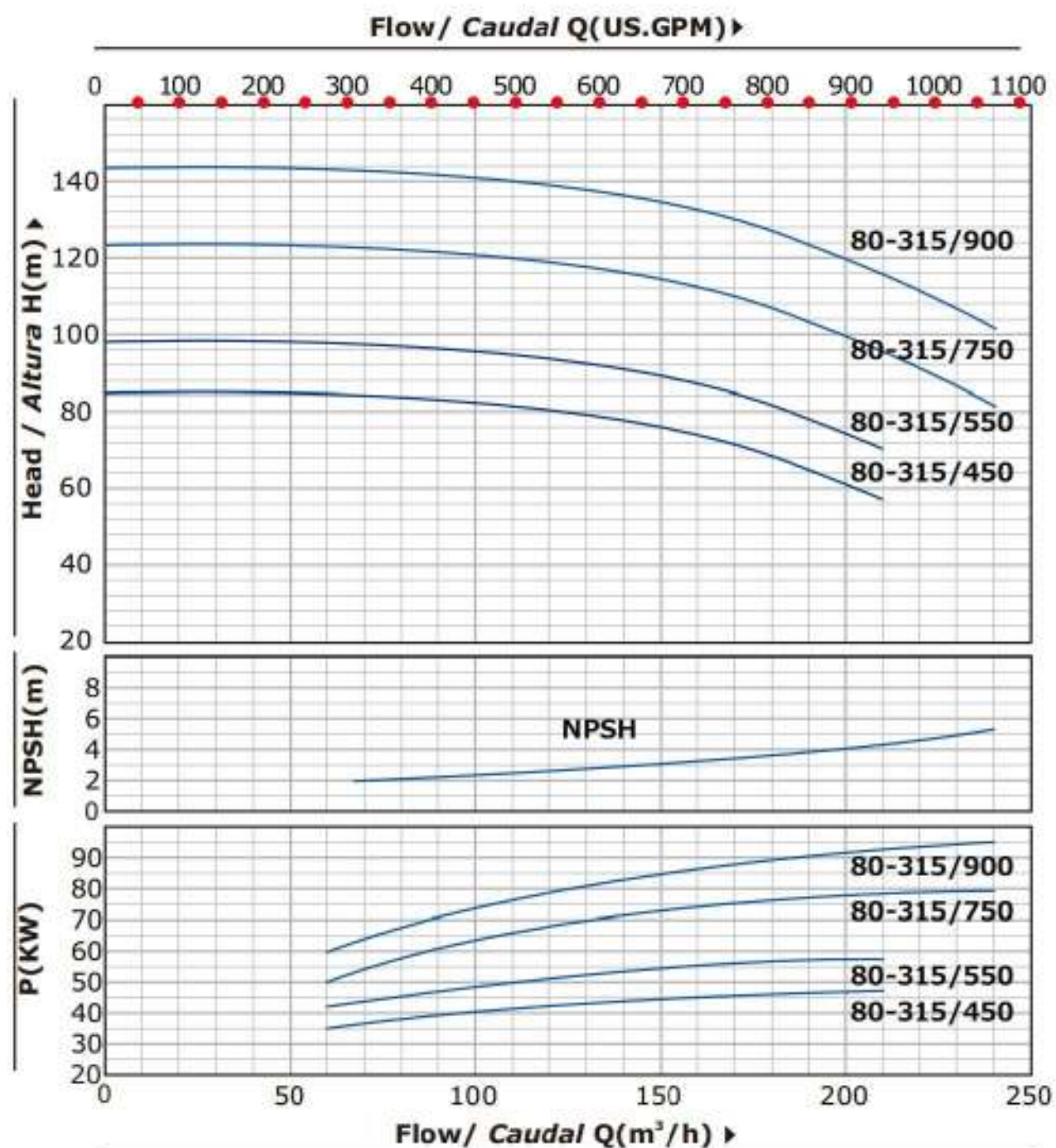


2900RPM 50HZ



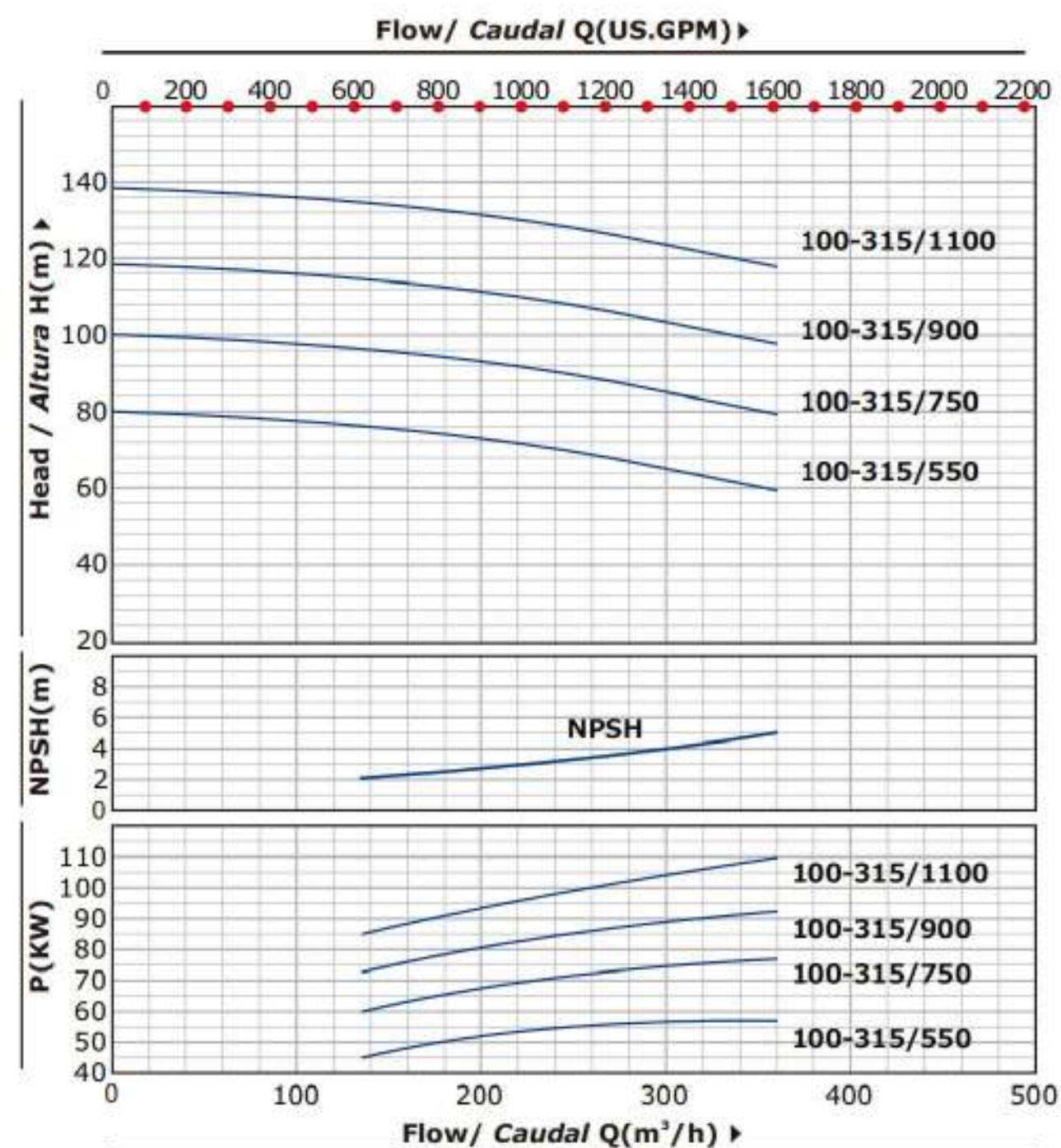
ETABARE80-315 ETABLOK80-315

2900RPM 50HZ



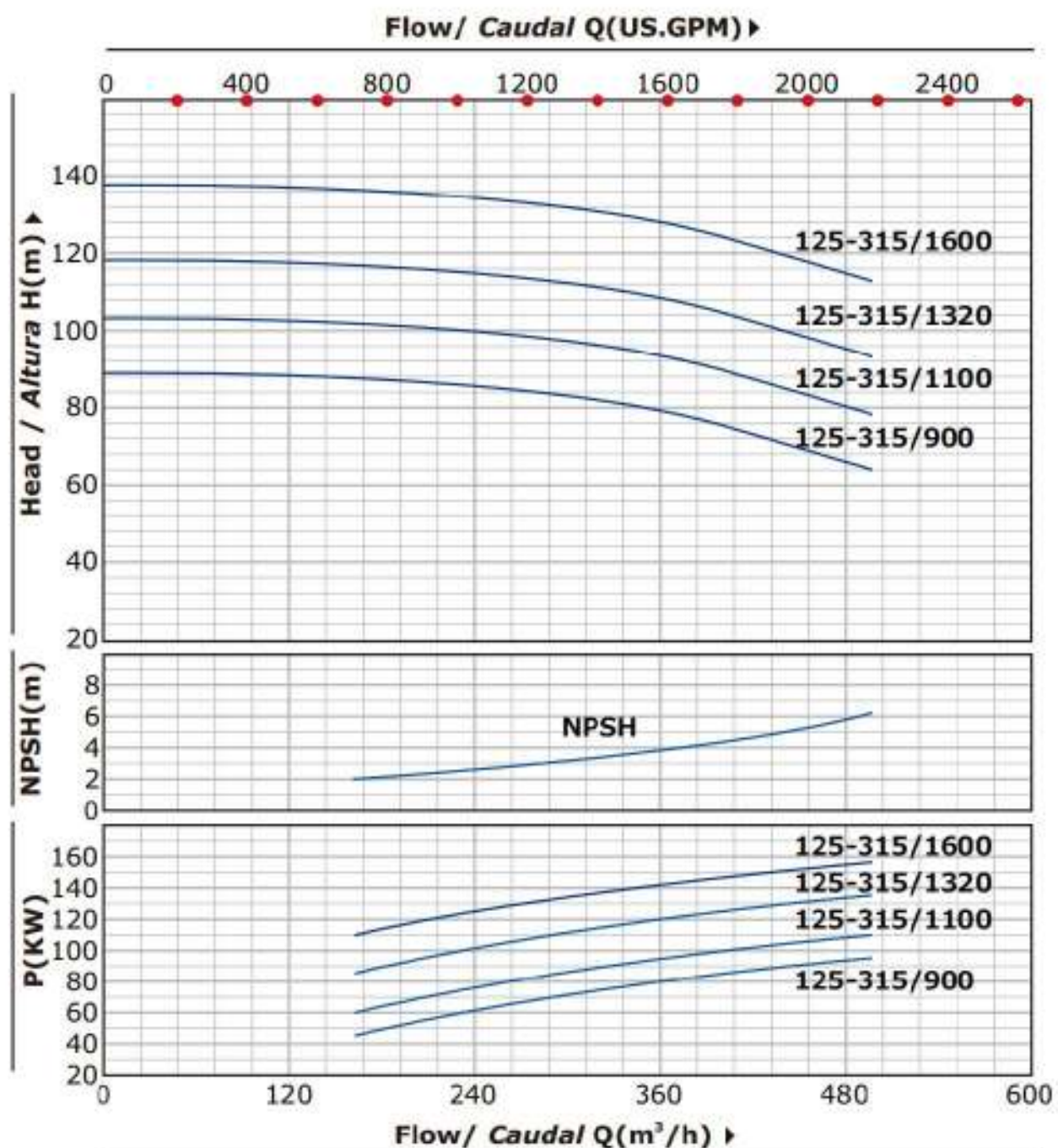
ETABARE100-315 ETABLOK100-315

2900RPM 50HZ



ETABARE100-315 ETABLOK100-315

2900RPM 50HZ



VM-2 VM-4

Application

Air-condition or cooling system
Floors of pressurized water supply fire fighting system

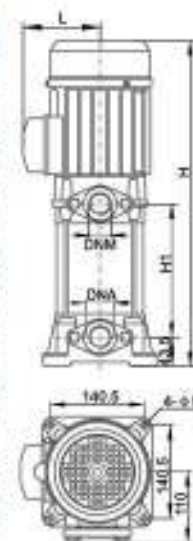
Working conditions

Medium temperature: 0~+50°C;
Environmental temperature: ≤50°C
Max. working pressure: 1.0MPa

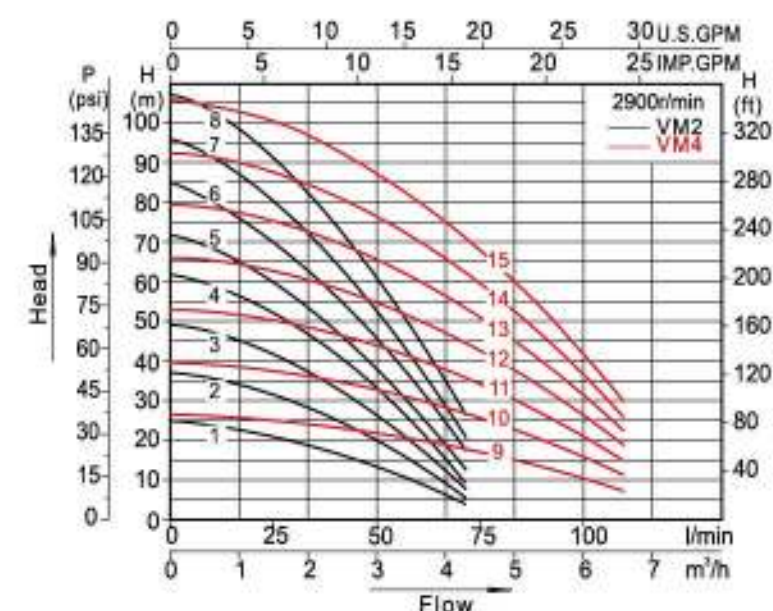


Overall dimension

Model	Shape size (mm)		
	L	H1	H2
VM2-9×2(T)	132	380	121
VM2-9×3(T)	132	405	145
VM2-9×4(T)	132	430	168
VM2-9×5(T)	132	455	193
VM2-9×6(T)	132	478	217
VM2-9×7(T)	140	538	249
VM2-9×8(T)	140	562	273
VM2-9×9(T)	140	586	297
VM4-9×2(T)	132	380	121
VM4-9×3(T)	132	405	145
VM4-9×4(T)	132	430	169
VM4-9×5(T)	140	490	201
VM4-9×6(T)	140	514	225
VM4-9×7(T)	140	538	249
VM4-9×8(T)	140	562	273



Performance curves



Technical parameter list

Model	Power (P2) KW	(Amps)		Rated head (m)	Rated flow (m³/h)	Curve	DNA	DNM	(kg)	packing size (mm)	(Qty/20)
		220V/50Hz	380V/50Hz								
VM2-9×2(T)	0.37	2.4	1.0	18	2	1	G1	G1	15.5	435×220×300	1010
VM2-9×3(T)	0.55	3.8	1.4	27	2	2	G1	G1	16	460×220×300	955
VM2-9×4(T)	0.75	5.2	1.8	36	2	3	G1	G1	17	485×220×300	905
VM2-9×5(T)	1.0	6.2	2.4	45	2	4	G1	G1	18	510×220×300	860
VM2-9×6(T)	1.0	6.2	2.4	54	2	5	G1	G1	19	535×220×300	820
VM2-9×7(T)	1.1	7.0	2.6	63	2	6	G1	G1	22	595×220×300	738
VM2-9×8(T)	1.5	9.2	3.5	72	2	7	G1	G1	23	615×220×300	714
VM2-9×9(T)	1.5	9.2	3.5	81	2	8	G1	G1	24	640×220×300	686
VM4-9×2(T)	0.55	3.8	1.4	18	4	9	G1	G1	16	435×220×300	1010
VM4-9×3(T)	0.75	5.2	1.8	27	4	10	G1	G1	17	460×220×300	955
VM4-9×4(T)	1.0	6.2	2.4	36	4	11	G1	G1	18	485×220×300	905
VM4-9×5(T)	1.5	9.2	3.5	45	4	12	G1	G1	20	545×220×300	806
VM4-9×6(T)	1.5	9.2	3.5	54	4	13	G1	G1	23	570×220×300	770
VM4-9×7(T)	2.2	14	4.9	63	4	14	G1	G1	24	595×220×300	738
VM4-9×8(T)	2.2	14	4.9	72	4	15	G1	G1	26	615×220×300	714

VM-6

Application

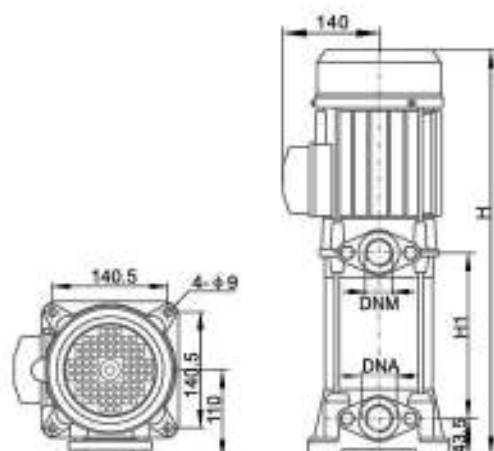
Air-condition or cooling system
 Floors of pressurized water supply fire fighting system

Working conditions

Medium temperature: 0~+50°C;
 Environmental temperature: ≤50°C
 Max. working pressure: 1.0MPa

Overall dimension

Model	Shape size (mm)	
	H1	H2
VM6-8.5×3(T)	480	191
VM6-8.5×4(T)	517	228
VM6-8.5×5(T)	554	265
VM6-8.5×6(T)	591	302
VM6-8.5×7(T)	668	339
VM6-8.5×8(T)	705	376

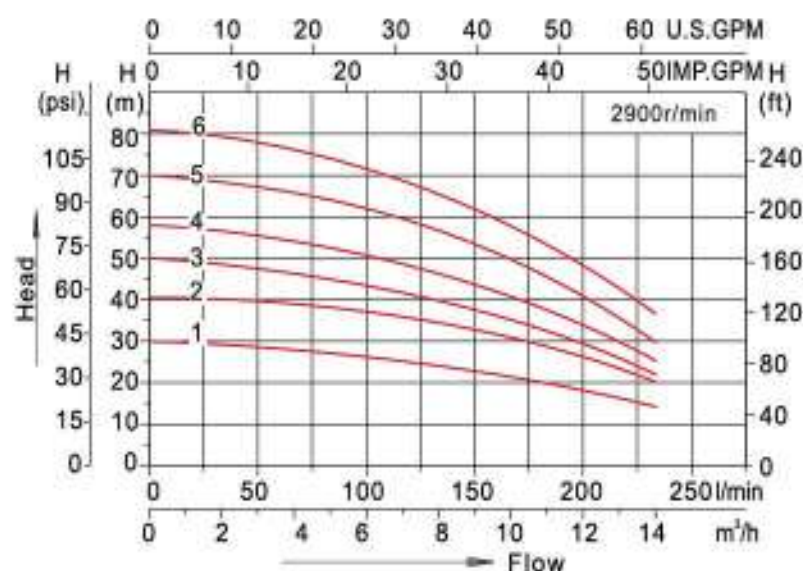


Technical parameter list

Model	Power (P2) KW	(Amps)		Rated head (m)	Rated flow (m³/h)	Curve	DNA	DNM	(kg)	packing size (mm)	(Qty/20)
		220V/50Hz	380V/50Hz								
VM6-8.5×3(T)	1.1	7.0	2.6	26	6	1	G1 1/4	G1 1/4	20	495×220×300	887
VM6-8.5×4(T)	1.5	9.2	3.5	34	6	2	G1 1/4	G1 1/4	21	570×220×300	770
VM6-8.5×5(T)	2.2	14	4.9	43	6	3	G1 1/4	G1 1/4	22	610×220×300	720
VM6-8.5×6(T)	2.2	14	4.9	51	6	4	G1 1/4	G1 1/4	23	615×220×300	681
VM6-8.5×7(T)	3.0	-	6.3	60	6	5	G1 1/4	G1 1/4	25	720×220×300	610
VM6-8.5×8(T)	3.0	-	6.3	68	6	6	G1 1/4	G1 1/4	26	760×220×300	578



Performance curves



VM-8 VM-12

Application

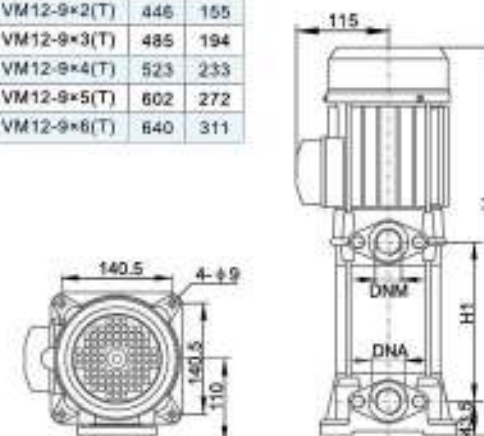
Air-condition or cooling system
 Floors of pressurized water supply fire fighting system

Working conditions

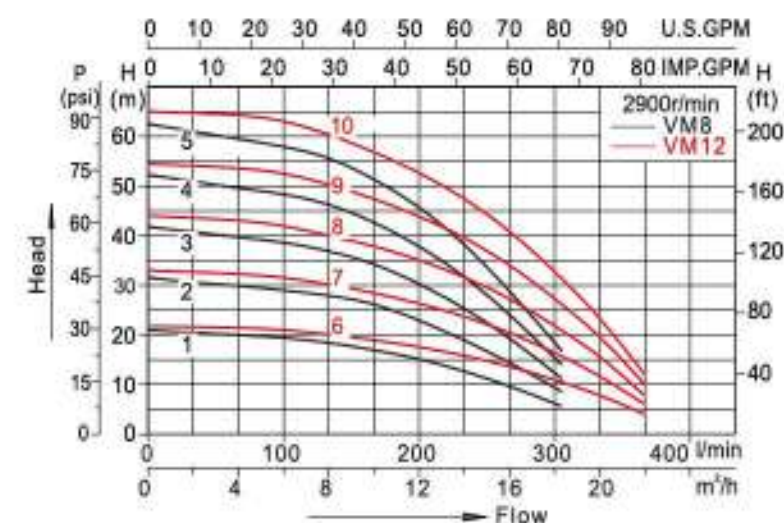
Medium temperature: 0~+50°C;
 Environmental temperature: ≤50°C
 Max. working pressure: 1.0MPa

Overall dimension

Model	Shape size (mm)	
	H1	H2
VM8-9×2(T)	446	155
VM8-9×3(T)	485	194
VM8-9×4(T)	523	233
VM8-9×5(T)	562	272
VM8-9×6(T)	640	311
VM12-9×2(T)	446	155
VM12-9×3(T)	485	194
VM12-9×4(T)	523	233
VM12-9×5(T)	602	272
VM12-9×6(T)	640	311



Performance curves



Technical parameter list

Model	Power (P2) KW	(Amps)		Rated head (m)	Rated flow (m³/h)	Curve	DNA	DNM	(kg)	packing size (mm)	(Qty/20)
		220V/50Hz	380V/50Hz								
VM8-9×2(T)	1.1	7.0	2.6	18	8	1	G1 1/2	G1 1/4	21	500×220×300	878
VM8-9×3(T)	1.1	7.0	2.6	27	8	2	G1 1/2	G1 1/4	22	540×220×300	813
VM8-9×4(T)	1.5	9.2	3.5	36	8	3	G1 1/2	G1 1/4	23	580×220×300	757
VM8-9×5(T)	2.2	14	4.9	45	8	4	G1 1/2	G1 1/4	25	615×220×300	714
VM8-9×6(T)	3.0	-	6.3	54	8	5	G1 1/2	G1 1/4	26	695×220×300	632
VM12-8.5×2(T)	1.1	6.8	2.6	17	12	6	G1 1/2	G1 1/4	22	500×220×300	878
VM12-8.5×3(T)	1.5	9.2	3.5	26	12	7	G1 1/2	G1 1/4	24	540×220×300	813
VM12-8.5×4(T)	2.2	14	4.9	34	12	8	G1 1/2	G1 1/4	23	580×220×300	757
VM12-8.5×5(T)	3.0	-	6.3	46	12	9	G1 1/2	G1 1/4	28	655×220×300	670
VM12-8.5×6(T)	3.0	-	6.3	51	12	10	G1 1/2	G1 1/4	29.6	695×220×300	632

CDL-A

● Low energy consumption

Pumps have an extra-high efficiency obtained by the most up to date technical designs, moulding and accurate set up.

● Steady operation

A steep flow curve allows large head changes with minimal rate of flow changes.

● Noiseless operation

Material used, low tip speed of the rotating parts and its ample supports, insure noise and vibration free running.
Mechanical seal replacement
Easy to do, without pump removal; just remove the electric motor and coupling.

● Safety

A coupling safety screen avoid accidents.

APPLICATIONS:

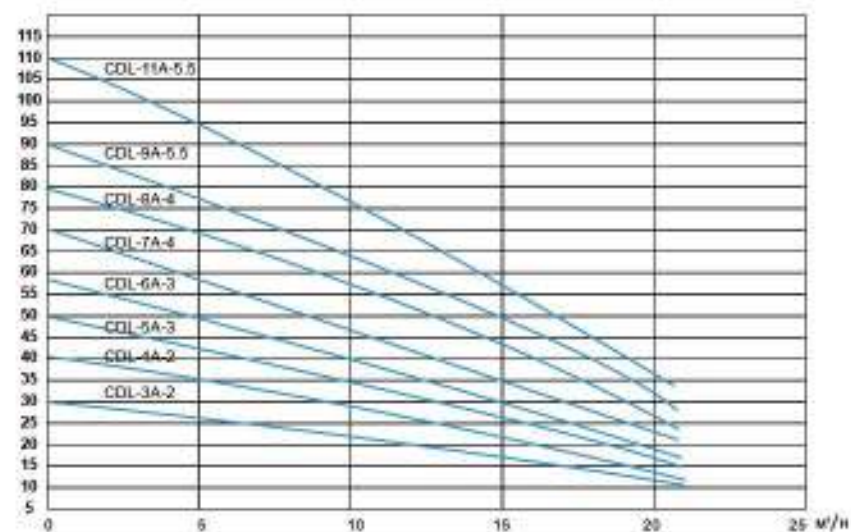
The pump's noiseless running, high efficiency limited size and steep flow curve make this electric pump particularly suitable for lifting and boosting systems with or without autoclave, washing plants, small irrigation systems, etc.

OPERATING LIMITS PUMP:

Water or liquid pumped must be chemically and mechanically non-aggressive

Maximum temperature of pumped liquids: 60°C (140° F)

Maximum running time with close delivery outlet: 2min.



50HZ

Model	Power HP	KW	Volt V	Flow m³/h	Head m	Pump dia Inch
CDL-3A-2	2	1.5	380	10	21	2"
CDL-4A-2	2	1.5			28	
CDL-5A-3	3	2.2			35	
CDL-6A-3	3	2.2			42	
CDL-7A-4	4	3			49	
CDL-8A-4	4	3			56	
CDL-9A-5.5	5.5	4			63	
CDL-11A-5.5	5.5	4			77	

VERTICAL MULTISTAGE CDL SERIES



CDLF



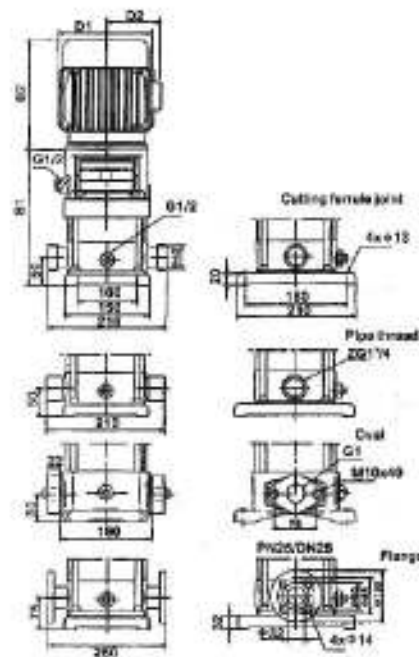
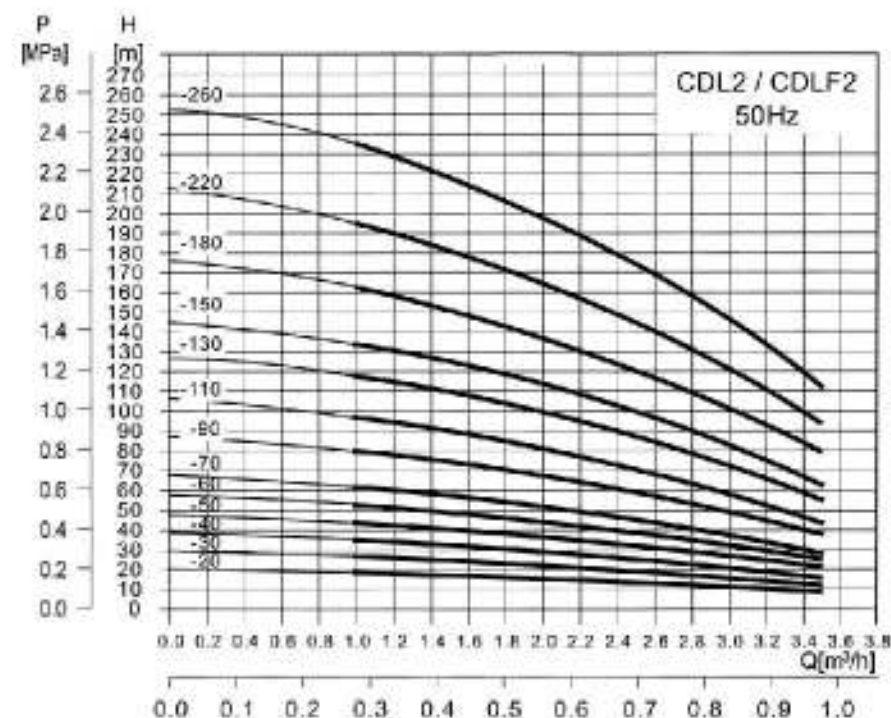
CDLT

CDLF2 CDLT2



50HZ

Performance curve



Performance table inlet/outlet=1" (25mm)

Model	Motor (KW)	Q (m³/h)	Size (mm)					
			1.0	1.5	2.0	2.5	3.0	3.5
CDLF2 CDLT2-20	0.37		18.5	15.5	14.5	13	11.5	9.5
CDLF2 CDLT2-30	0.37		25	23.5	22	20	17.5	14.5
CDLF2 CDLT2-40	0.55		33.5	31.5	29.5	27	24	19.5
CDLF2 CDLT2-50	0.55		42	39.5	37	34	30	24.5
CDLF2 CDLT2-60	0.75		51	48	45	41	36	30
CDLF2 CDLT2-70	0.75		59	56	52	47.5	42	35
CDLF2 CDLT2-80	1.1		68	64	60	55	48.5	40
CDLF2 CDLT2-90	1.1		76	72	68	62	55	45
CDLF2 CDLT2-100	1.1		85	80	75	69	61	50
CDLF2 CDLT2-110	1.1		93	89	83	76	67	55
CDLF2 CDLT2-120	1.5		102	97	90	82	73	60
CDLF2 CDLT2-130	1.5		110	105	98	89	79	65
CDLF2 CDLT2-140	1.5		119	113	106	96	85	70
CDLF2 CDLT2-150	1.5		127	121	113	103	91	75
CDLF2 CDLT2-160	2.2		136	129	121	110	97	80
CDLF2 CDLT2-170	2.2		144	137	128	117	103	85
CDLF2 CDLT2-180	2.2		153	145	136	124	110	91
CDLF2 CDLT2-190	2.2		162	154	144	131	116	96
CDLF2 CDLT2-200	2.2		171	162	152	138	122	101
CDLF2 CDLT2-210	2.2		179	170	159	145	128	106
CDLF2 CDLT2-220	2.2		188	179	167	152	134	111
CDLF2 CDLT2-230	3		197	187	175	159	141	116
CDLF2 CDLT2-240	3		206	195	183	166	147	121
CDLF2 CDLT2-250	3		214	203	190	173	153	127
CDLF2 CDLT2-260	3		223	212	198	181	159	132

Size and weight

Model	Size (mm)						Weight (Kg)	
	B1	B2	B1+B2	F1	F2	DBL	DBLT	
CDLF2 CDLT2-20	257	215	472	140	119	20	21	
CDLF2 CDLT2-30	275	215	490	140	119	20	21	
CDLF2 CDLT2-40	293	215	508	140	119	23	24	
CDLF2 CDLT2-50	311	215	526	140	119	23	24	
CDLF2 CDLT2-60	338	244	582	151	125	24	25	
CDLF2 CDLT2-70	356	244	600	151	125	24	26	
CDLF2 CDLT2-80	374	244	618	151	125	26	27	
CDLF2 CDLT2-90	392	244	636	151	125	26	28	
CDLF2 CDLT2-100	410	244	654	151	125	27	28	
CDLF2 CDLT2-110	428	244	672	151	125	27	29	
CDLF2 CDLT2-120	457	287	744	171	138	33	34	
CDLF2 CDLT2-130	475	287	762	171	138	33	34	
CDLF2 CDLT2-140	493	287	780	171	138	34	35	
CDLF2 CDLT2-150	511	287	798	171	138	34	35	
CDLF2 CDLT2-160	529	287	816	171	138	37	38	
CDLF2 CDLT2-170	547	287	834	171	138	38	39	
CDLF2 CDLT2-180	565	287	852	171	138	38	39	
CDLF2 CDLT2-190	583	287	870	171	138	38	40	
CDLF2 CDLT2-200	601	287	888	171	138	39	40	
CDLF2 CDLT2-210	619	287	906	171	138	39	41	
CDLF2 CDLT2-220	637	287	924	171	138	40	41	
CDLF2 CDLT2-230	665	337	1002	196	150	48	49	
CDLF2 CDLT2-240	683	337	1020	196	150	48	49	
CDLF2 CDLT2-250	701	337	1038	196	150	49	50	
CDLF2 CDLT2-260	719	337	1056	196	150	49	50	

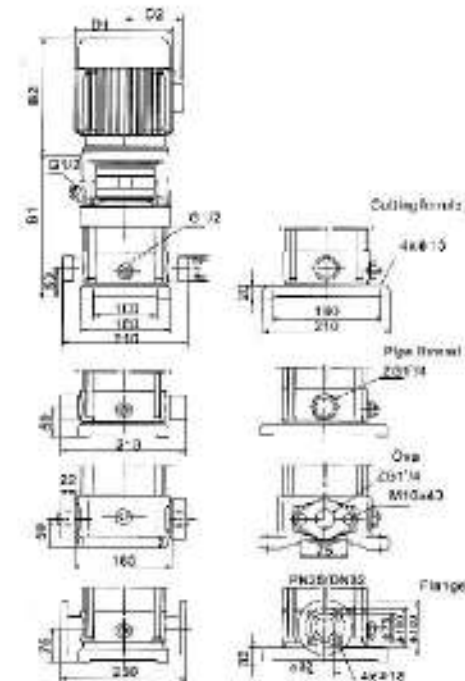
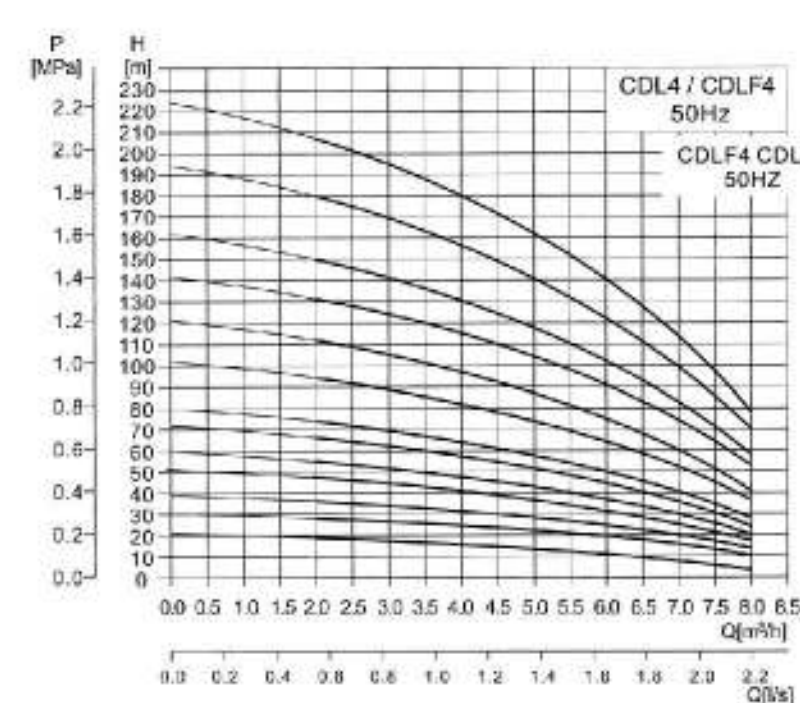
CDLF2-180~2-260 sub-connection of pipeline without oval flange.

CDLF4 CDLT4



50HZ

Performance curve



Performance table inlet/outlet=1.25" (32mm) Size and weight

Model	Motor (KW)	Q (m³/h)	Size (mm)						
			2	3	4	5	6	7	
CDLF4 CDLT4-20	0.37		17.5	16.5	15.5	14.5	13	11	
CDLF4 CDLT4-30	0.55		26.5	25.5	23.5	22	19.5	17	
CDLF4 CDLT4-40	0.75		35.5	34	32	29.5	26.5	23.5	
CDLF4 CDLT4-50	1.1		44.5	42.5	40	37	33	28.5	
CDLF4 CDLT4-60	1.1		54	52	48.5	44.5	40	34.5	
CDLF4 CDLT4-70	1.5		63	61	57	52	47	40.5	
CDLF4 CDLT4-80	1.5		73	69	65	60	54	46.5	
CDLF4 CDLT4-90	2.2		82	78	74	68	61	52	
CDLF4 CDLT4-100	2.2		92	87	82	76	68	58	
CDLF4 CDLT4-110	2.2		101	96	90	83	75	64	
CDLF4 CDLT4-120	2.2		110	105	99	91	82	70	
CDLF4 CDLT4-130	3		120	114	107	99	89	76	
CDLF4 CDLT4-140	3		129	123	116	107	96	82	
CDLF4 CDLT4-150	3		138	132	124	114	103	88	
CDLF4 CDLT4-160	3		148	141	132	122	110	94	
CDLF4 CDLT4-170	4		157	150	141	130	116	100	
CDLF4 CDLT4-180	4		166	159	149	137	123	106	
CDLF4 CDLT4-190	4		175	168	157	145	130	112	
CDLF4 CDLT4-200	4		185	176	166	153	137	118	
CDLF4 CDLT4-210	4		194	185	174	160	144	124	
CDLF4 CDLT4-220	4		203	194	182	168	151	130	

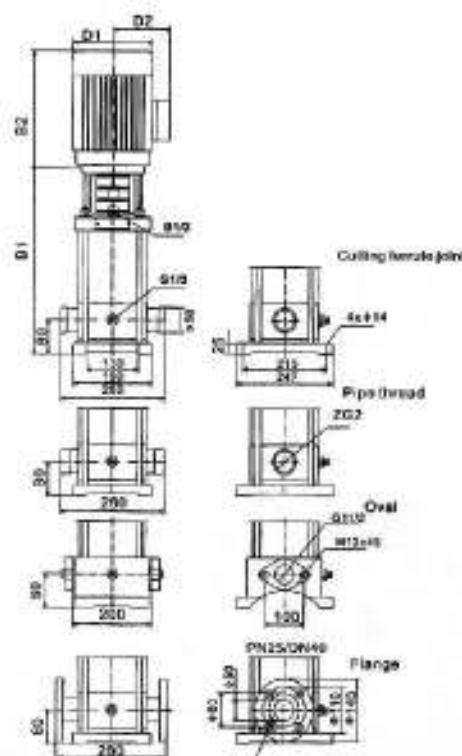
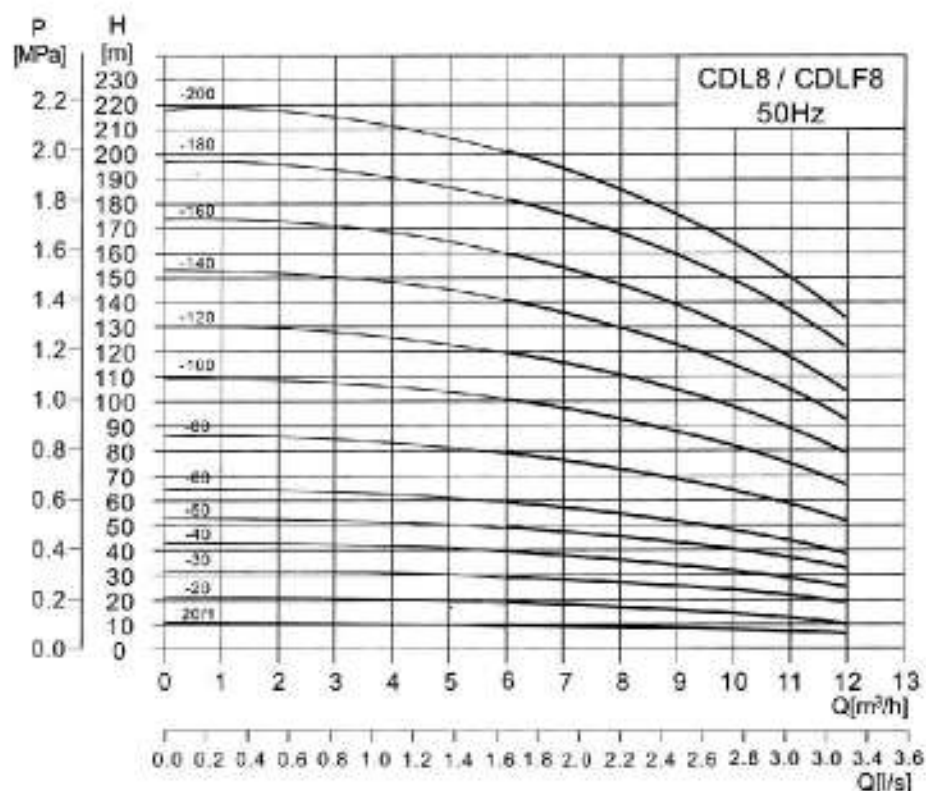
Model	Size (mm)						Weight (Kg)	
	B1	B2	B1+B2	F1	F2	DBL	DBLT	
CDLF4 CDLT4-20	275	215	490	140	119	21	23	
CDLF4 CDLT4-30	302	215	517	140	119	24	25	
CDLF4 CDLT4-40	338	244	582	151	125	25	26	
CDLF4 CDLT4-50	365	244	609	151	125	27	28	
CDLF4 CDLT4-60	392	244	636	151	125	27	29	
CDLF4 CDLT4-70	430	287	717	171	138	33	34	
CDLF4 CDLT4-80	457	287	744	171	138	34	35	
CDLF4 CDLT4-90	484	287	771	171	138	37	38	
CDLF4 CDLT4-100	511	287	798	171	138	38	39	
CDLF4 CDLT4-110	538	287	825	171	138	38	40	
CDLF4 CDLT4-120	565	287	852	171	138	39	40	
CDLF4 CDLT4-130	602	337	939	196	150	46	47	
CDLF4 CDLT4-140	629	337	966	196	150	48	49	
CDLF4 CDLT4-150	656	337	993	196	150	48	49	
CDLF4 CDLT4-160	683	337	1020	196	150	49	50	
CDLF4 CDLT4-170	710	350	1060	215	169	55	56	
CDLF4 CDLT4-180	737	350	1087	215	169	55	57	
CDLF4 CDLT4-190	764	350	1114	215	169	56	57	
CDLF4 CDLT4-200	791	350	1141	215	169	57	58	
CDLF4 CDLT4-210	818	350	1168	215	169	57	58	
CDLF4 CDLT4-220	845	350	1195	215	169	58	59	

CDLF4-190~4-220 sub-connection of pipeline without oval flange.

CDLF8 CDLT8



Performance curve



Performance table inlet/outlet=1.6" (40mm)

Model	Driving motor (kw)	Q (m³/h)	6	7	8	9	10	11	12
CDLF8 CDLT8-20	0.75		19	18.5	17.5	16.5	15.5	14.5	13
CDLF8 CDLT8-30	1.1		29	28	27	25.5	24	22	20
CDLF8 CDLT8-40	1.5		39	37.5	36	34	32	29.5	27
CDLF8 CDLT8-50	2.2		49	47.5	45.5	43	40	37	34
CDLF8 CDLT8-60	2.2		59	57	55	52	48.5	44.5	41
CDLF8 CDLT8-70	3		69	67	64	61	57	52	47.5
CDLF8 CDLT8-80	3		79	77	74	70	65	60	55
CDLF8 CDLT8-90	4		89	86	83	78	73	68	62
CDLF8 CDLT8-100	4		99	96	92	87	82	75	69
CDLF8 CDLT8-110	4		109	106	102	96	90	83	76
CDLF8 CDLT8-120	4		119	116	111	105	98	91	83
CDLF8 CDLT8-130	5.5		129	125	120	114	106	98	89
CDLF8 CDLT8-140	5.5		140	135	130	123	115	106	96
CDLF8 CDLT8-150	5.5		150	145	139	131	123	114	104
CDLF8 CDLT8-160	5.5		160	155	149	140	132	121	111
CDLF8 CDLT8-170	7.5		170	165	158	149	140	129	118
CDLF8 CDLT8-180	7.5		181	175	168	159	148	137	125
CDLF8 CDLT8-190	7.5		191	185	177	168	157	145	132
CDLF8 CDLT8-200	7.5		201	195	187	177	165	152	139

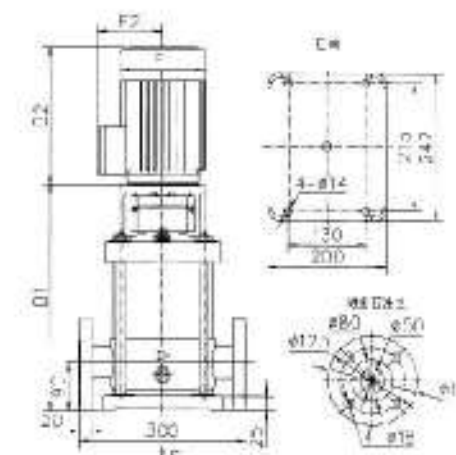
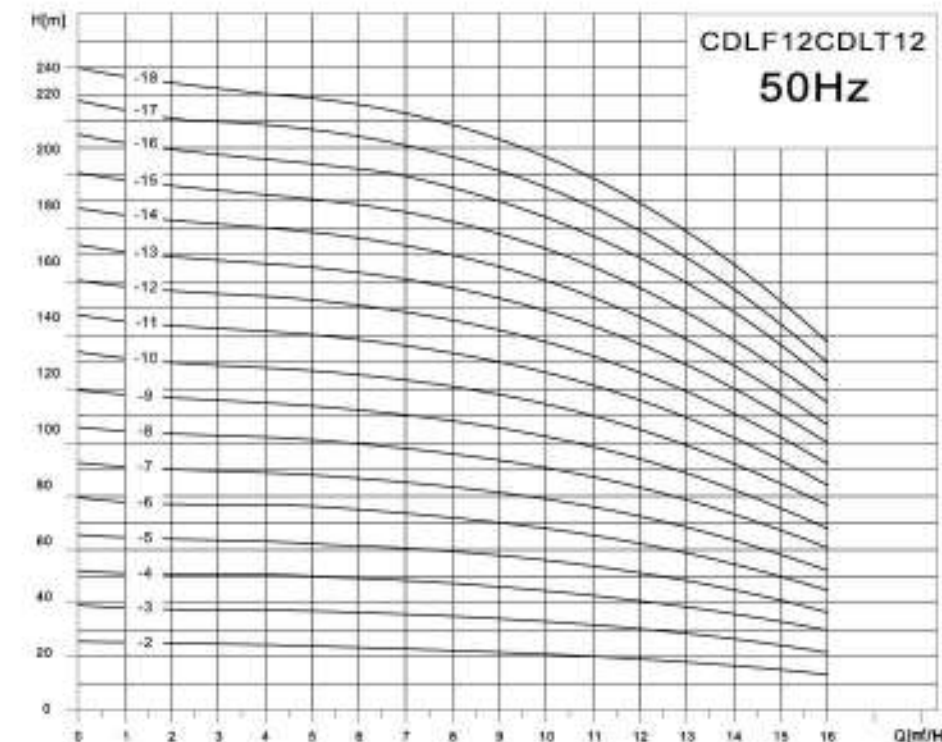
Size and weight

Model	Size(mm)					Weight(Kg)	
	B1	B2	B1+B2	F1	F2	DBL	DBLT
CDLF8 CDLT8-20	309	244	553	148	125	29	32
CDLF8 CDLT8-30	339	244	583	148	125	31	34
CDLF8 CDLT8-40	384	287	671	169	138	37	41
CDLF8 CDLT8-50	414	287	701	169	138	41	44
CDLF8 CDLT8-60	444	287	731	169	138	42	45
CDLF8 CDLT8-70	479	337	816	194	150	50	53
CDLF8 CDLT8-80	509	337	846	194	150	51	55
CDLF8 CDLT8-90	539	350	889	215	169	58	61
CDLF8 CDLT8-100	569	350	919	215	169	59	62
CDLF8 CDLT8-110	599	350	949	215	169	60	63
CDLF8 CDLT8-120	629	350	979	215	169	61	64
CDLF8 CDLT8-130	680	383	1063	257	190	79	82
CDLF8 CDLT8-140	710	383	1093	257	190	80	83
CDLF8 CDLT8-150	740	383	1123	257	190	81	84
CDLF8 CDLT8-160	770	383	1153	257	190	82	85
CDLF8 CDLT8-170	800	383	1183	257	190	87	90
CDLF8 CDLT8-180	830	383	1213	257	190	88	91
CDLF8 CDLT8-190	860	383	1243	257	190	89	92
CDLF8 CDLT8-200	890	383	1273	257	190	90	93

CDLF12 CDLT12



Performance curve



Performance table inlet/outlet=2" (50mm)

Pump model	motor kW	flow m³/h	7	8	9	10	11	12	13	14	15	16
CDLF12 CDLT12-2	1.5		23.5	23	22.5	22	21	20	19	17.5	16	14.5
CDLF12 CDLT12-3	2.2		36	35	34	33	32	30.5	28.5	26.5	24.5	22
CDLF12 CDLT12-4	3		48	47	46	44.5	43	41	38.5	36	33	30
CDLF12 CDLT12-5	3		61	60	58	56	54	51	48.5	45	41.5	37.5
CDLF12 CDLT12-6	4		73	72	70	68	65	62	59	55	50	45
CDLF12 CDLT12-7	5.5		86	84	82	79	76	73	69	64	59	53
CDLF12 CDLT12-8	5.5		98	96	94	91	87	83	79	73	67	61
CDLF12 CDLT12-9	5.5		111	109	106	103	99	94	89	83	76	69
CDLF12 CDLT12-10	7.5		124	121	118	115	110	105	99	92	84	76
CDLF12 CDLT12-11	7.5		136	134	130	126	121	116	109	101	93	84
CDLF12 CDLT12-12	7.5		149	146	142	138	132	126	119	111	102	92
CDLF12 CDLT12-13	11		161	158	154	150	144	137	129	120	110	100
CDLF12 CDLT12-14	11		174	171	167	161	155	148	139	130	119	108
CDLF12 CDLT12-15	11		186	183	178	173	166	158	149	139	128	115
CDLF12 CDLT12-16	11		199	195	190	184	177	169	159	148	136	123
CDLF12 CDLT12-17	11		211	207	202	195	187	178	168	157	144	130
CDLF12 CDLT12-18	11		222	218	213	206	198	189	178	165	152	138

Dimension and weight

Pump model	Dimension mm					weight kg	
	B1	B2	B1+B2	F1	F2	DBL	DBLT
CDLF12 CDLT12-2	339	287	626	171	138	37	40
CDLF12 CDLT12-3	369	287	656	171	138	40	43
CDLF12 CDLT12-4	404	337	741	196	150	48	51
CDLF12 CDLT12-5	434	337	771	196	150	50	53
CDLF12 CDLT12-6	464	350	814	215	169	56	59
CDLF12 CDLT12-7	518	383	901	257	190	74	77
CDLF12 CDLT12-8	548	383	931	257	190	75	78
CDLF12 CDLT12-9	578	383	961	257	190	76	79
CDLF12 CDLT12-10	608	383	991	257	190	81	84
CDLF12 CDLT12-11	638	383	1021	257	190	81	84
CDLF12 CDLT12-12	668	383	1051	257	190	83	86
CDLF12 CDLT12-13	784	506	1290	330	261	150	153
CDLF12 CDLT12-14	814	506	1320	330	261	151	154
CDLF12 CDLT12-15	844	506	1350	330	261	152	155
CDLF12 CDLT12-16	874	506	1380	330	261	153	156
CDLF12 CDLT12-17	904	506	1410	330	261	154	157
CDLF12 CDLT12-18	934	506	1440	330	261	155	158



3000RPM

HIGH SPEED DIESEL ENGINE 10HP-400HP

For firefighting pump ,Radiator type /heat exchanger type
3000RPM-3600RPM PORTABLE FIREFIGHTING PUMP



DIESEL ENGINE 3000RPM 3600RPM



AIR-COOLED 1 SYLINDER DIESEL ENGINE 3000RPM 3600RPM								2SYLINDER
MODEL	170F/FE	178F/FE	188FA/FE	188FA/FE	192FA/FE	195F/FE	1100F	2V98
TYPE	Single-cylinder, Vertical, 4-Stroke, Air-cooled, Diesel engine							2SYLINDER
Bore stroke(mm)	70*55	78*59	86*70	88*75	92*75	92*75	100*85	2-88*72
Displacement(ml)	211	296	406	456	498	532	667	875
Compression ratio								19:1
Rated speed(rpm)	3000/3600	3000/3600	3000/3600	3000/3600	3000/3600	3000/3600	3000/3600	3000/3600
Rated output(kw)	2.5/2.8	3.68/4	5.9/6.5	6.7/7.5	7.5/8.2	9.0/9.2	9.5/11	12.5/15
Rated output(HP)	3.3/3.7	4.9/4.3	7.9/8.7	9/10	10/11	10.7/12.3	12.7/15	17/20
Max output(kw)	2.8/3.1	4.0/4.4	6.5/7.0	7.5/8.2	8.2/9.0	9.9/10.2	10.5/12	13.7/16.5
Max output(HP)	3.7/4.1	5.3/5.9	8.7/9.3	10/11	11/12	13.2/13.6	14/16	18/22
Fuel consumption(G/KW.H)	<280							<280
Starting fashion	Manual / Electric						Electric	Electric
Fuel tank (L)	2.5L	3.5L	5.5L	5.5L	5.5L	5.5L	5.5L	
Oil capacity(L)	0.75L	1.1L	1.65L	1.7L	1.7L	1.7L	2.0L	3.0L
Fuel type	0#(summer) 10#(winter) diesel							
Oil type	10W/30SAE							
Continuous running time (h)	3h/2.5h	2.5h/2.0h	2.5h/2.0h	2.5h/2.0h	2.5h/2.0h	2.5h/2.0h	2.5h/2.0h	2.5h/2.0h
Dimension L*W*H(mm)	415*385*470	480*465*525	510*475*565	510*475*565	510*475*565	510*500*590	510*500*590	616*486*528
G.W (KG)	30	36	55	55	56	65	65	65



DIESEL ENGINE 3000RPM 6SYLINDER



MODEL	6BD-G	6BD-Z	6BD-ZL
PowerKW	97.5KW-110KW	113KW-125KW	135KW-150KW
POWERHP	130HP-150HP	150HP-168HP	180HP-200HP
Speed	3000rpm	3000rpm	3000rpm
Type	water cooled 4 strokes inline		
Cylinder Number	6	6	6
Bore . Stroke (mm)	102*130	102*130	102*130
Displacement	6.75L	6.75L	6.75L
Aspiration Type	Turbocharged	Turbocharged	Turbocharged & Inter Cooled
Cooling type	Forced Water Cooled By Water Pump And Radiator		
Fuel Consumption (g/kw.h)	233	233	233
Exhaust temperature (℃)	≤600	≤600	≤600
Oil consumption (g/kw.h)	≤1.68	≤1.68	≤1.68
Start Voltage	24V	24V	24V
Mode of Speed regulation	Mechanical	Mechanical	Mechanical
Lubrication method	Splash Compound		
Crankshaft rotation direction	Counterclock From Flywheel Side		
Flywheel Housing	High Strength Pto Shaft		
Standard Configuration	Radiator,Fan,Starter,Charge alternator,Air filter,Muffler,Stop Solenoid,PTO shaft,Fuel Tank(Optional), Meter Panel(Optional),Water Temperature Sensor and Oil Pressure Sensor (Optional)		

DIESEL ENGINE 3000RPM



MODEL	380B	385B	480B	485B	490B	490BL	490BL	4100B	4102B	4102BZ	4105B	4105BZ	4108B	4108BZ	4108BZL
Engine Type	3 Cylinders, Inline 4-Stroke, Water-Cooling		4 Cylinders, Inline, Water-Cooling, 4-Stroke					4 Cylinders, Inline, Water-Cooling, 4-Stroke							
Air Intake Type	Natural Aspiration	Natural Aspiration	Natural Aspiration	Natural Aspiration	Natural Aspiration	Natural Aspiration	TURBO CHARGING	Natural Aspiration	Natural Aspiration	TURBO CHARGING	Natural Aspiration	TURBO CHARGING	Natural Aspiration	TURBO CHARGING	TURBO CHARGING
Firing Order	1-3-2	1-3-2	1-3-4-2	1-3-4-2	1-3-4-2	1-3-4-2	1-3-4-2	1-3-4-2	1-3-4-2	1-3-4-2	1-3-4-2	1-3-4-2	1-3-4-2	1-3-4-2	1-3-4-2
Bore × Stroke mm	80×90	80×90	80×90	80×95	90×100	90×105	90×105	102x118	102x118	102x118	105×118	105×118	108×118	108×118	108×118
Piston Displacement L	1.357	1.532	1.8	2.27	2.54	2.672	2.672	3.857	3.857	3.857	4.087	4.087	4.324	4.324	4.324
Rated Power KW/HP	20KW 27HP	26KW 35HP	28KW 38HP	36KW 49HP	42KW 56HP	45KW 60HP	55KW 75HP	55KW 75HP	63KW 84HP	75KW 100HP	68KW 91HP	76KW 102HP	78KW 105HP	85KW 113HP	90KW 120HP
Rated Speed r/min	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
Compression Ratio	18 : 1	18 : 1	18 : 1	18 : 1	18 : 1	18 : 1	17.5 : 1	17.5 : 1	17.5 : 1	17.5 : 1	17.5 : 1	17.5 : 1	17:1	17:1	17:1
Minimum BSFC at Full Load g/kwh	253	253	≤215	245	245	238	240	252	252	252	238	238	238	238	230
Rotation Direction of Crankshaft (Facing Flywheel)	Anti-clockwise							Anti-clockwise							
Lubrication Mode	Pressure Lubrication & Splash Lubrication							Pressure Lubrication & Splash Lubrication							
Cooling Mode	Forced Circulation Water Cooling							Forced Circulation Water Cooling							
Starting Mode	Electric Starter							Electric Starter							
Dimension Length × Width ×Height mm	583×494×630	583×494×630	687×494×630	696×492×650	696×492×650	720×568×700	720×568×700	805×620×730	805×620×730	805×620×730	847×795×839	847×795×839	847×795×839	847×795×839	847×795×839
Net Weight kg	≤175KG	≤175KG	195KG	≤205KG	≤205KG	≤260KG	≤275KG	≤320KG	≤320KG	≤320KG	≤350KG	≤360KG	≤350KG	≤360KG	≤360KG

PRESSURE SWITCH

Product Description

TECHNICAL DATA

1. Pressure Range: 15-175psi
2. Pressure Setting: 15-35psi, 20-40psi, 30-50psi, 40-60psi, 50-80psi, 95-125psi, 120-150psi, 135-175psi
3. Rated Current: 16(10)A
4. Rated Voltage: 110V-240V
5. Frequency: 50/60Hz
6. Max Ambient Temperature: 55°C
7. Protection Degree: IP54

DESCRIPTIONS

1. Pressure switch used in water systems.
2. The switch start and stop the water pump automatically according to the setting pressure value.
3. Joint screw: 1 way G1" male + 2 way G1" female. Hydraulics connection can choose:
4. Customized setting.

PC-4W



PC-9



5CM
10CM

0-10 BAR 50-1/4" AXIAL
0-10 BAR 50-1/4" RADIAL



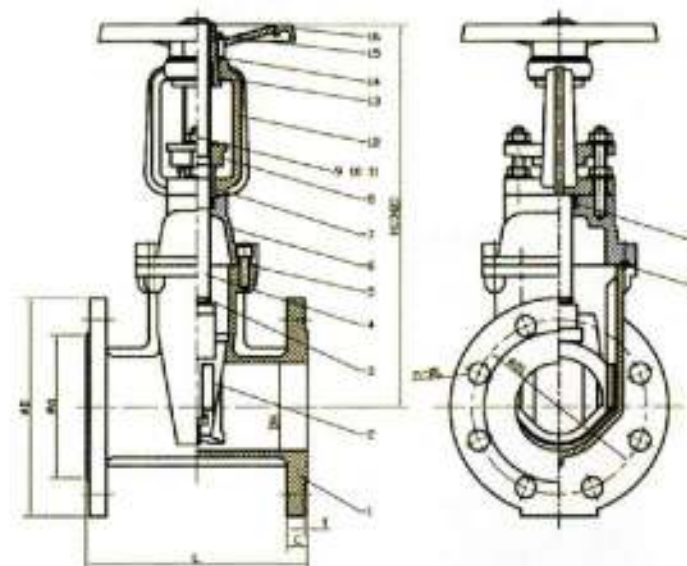
BRASS GATE VALVE 1.5" 2"
BRASS CHECK VALVE 1.5" 2"



PRESSURE TANK
NEWEST ITALY DESIGN
ITALY QUALITY 60L

NVT

GATE VALVE



MATERIAL SPECIFICATION

Part No.	Part	Standard Specification	Options
1	Valve Body	EN-GJS-450-10	
2	Resilient Wedge Disc	EN-GJS-450-10+EPDM	
3	O-ring	NBR	EPDM
4	Stem	Se420	SS304, SS316, Al-bronze
5	Nut	Carbon Steel Zinc Plated	SS304, SS316
6	Bonnet	EN-GJS-450-10	
7	Stem Bushing	Brass Hpb59-1	
8	Gland	EN-GJS-450-10	SS304, SS316
9	Flat Washer	Carbon Steel Zinc Plated	SS304, SS316
10	Stud	Carbon Steel Zinc Plated	SS304, SS316
11	Nut	Carbon Steel Zinc Plated	
12	Yoke	EN-GJS-450-10	
13	Nut	Brass Hpb59-1	
14	Washer	Brass Hpb59-1	
15	Locknut	Carbon Steel Zinc Plated	
16	Handwheel	EN-GJS-450-10	Pressed Steel
17	Stem Packing	NBR	EPDM
18	Bonnet Gasket	EPDM	NBR

MODEL	DN(mm)	DN(inch)	PN(KG)	Dimensions(mm)								
				L	H(close)	H(open)	øD	øD1	ød	C	T	n-øL
DN50	50	2"	16	178	257	307	165	125	99	19	3	4-ø19
DN65	65	2.5"	16	190	305	370	185	145	118	19	3	4-ø19
DN80	80	3"	16	203	350	430	200	160	132	19	3	8-ø19
DN100	100	4"	16	229	422	522	220	180	156	19	3	8-ø19
DN125	125	5"	16	254	515	640	250	210	184	19	3	8-ø19
DN150	150	6"	16	267	563	713	285	240	211	19	3	8-ø23
DN200	200	8"	16	292	675	875	340	295	266	19	3	12-ø23
DN250	250	10"	16	330	905	1155	405	355	319	22	3	12-ø28
DN300	300	12"	16	356	1030	1330	460	410	370	24.5	4	12-ø28
DN350	350	14"	16	381	1210	1560	520	470	429	26.5	4	16-ø28