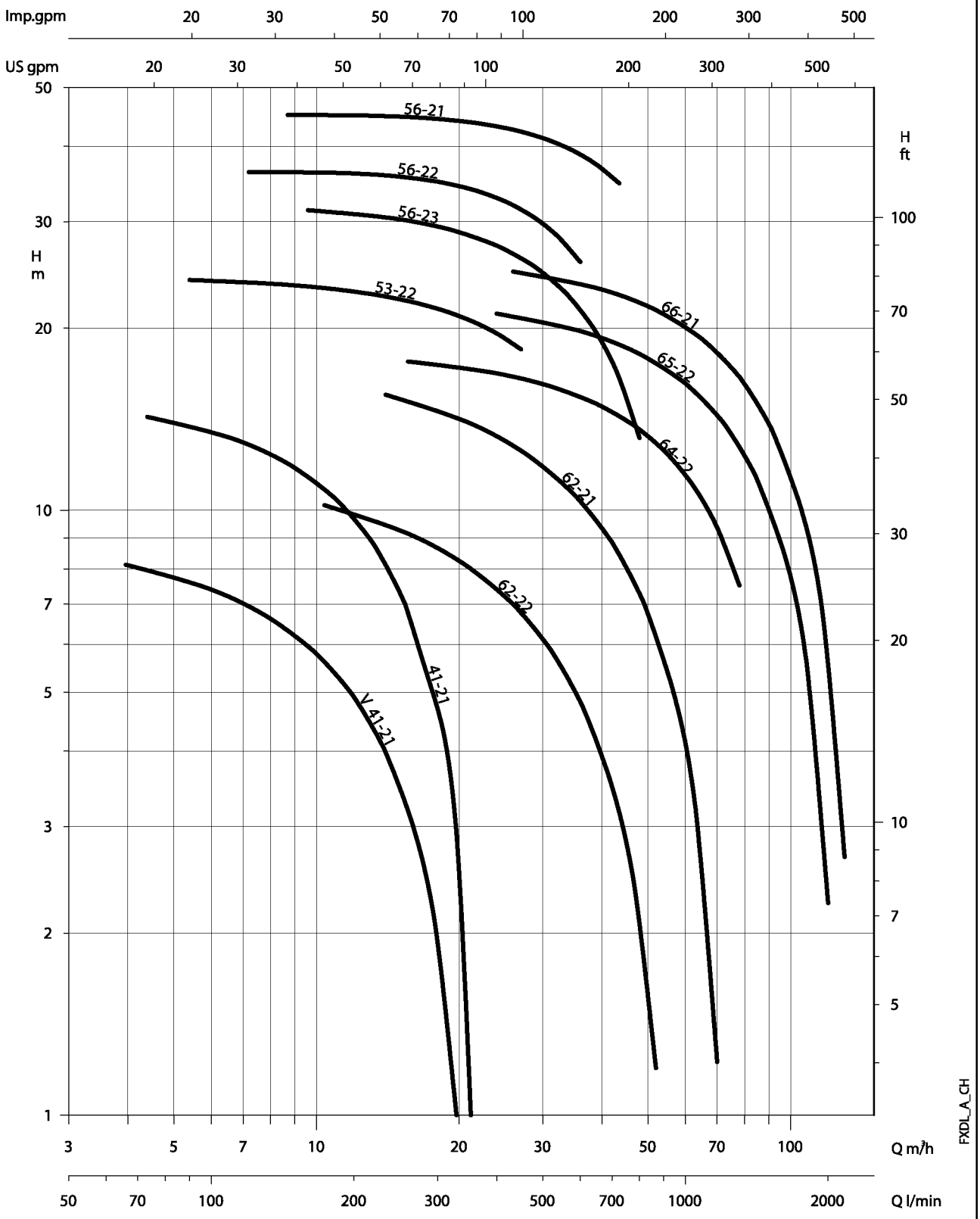
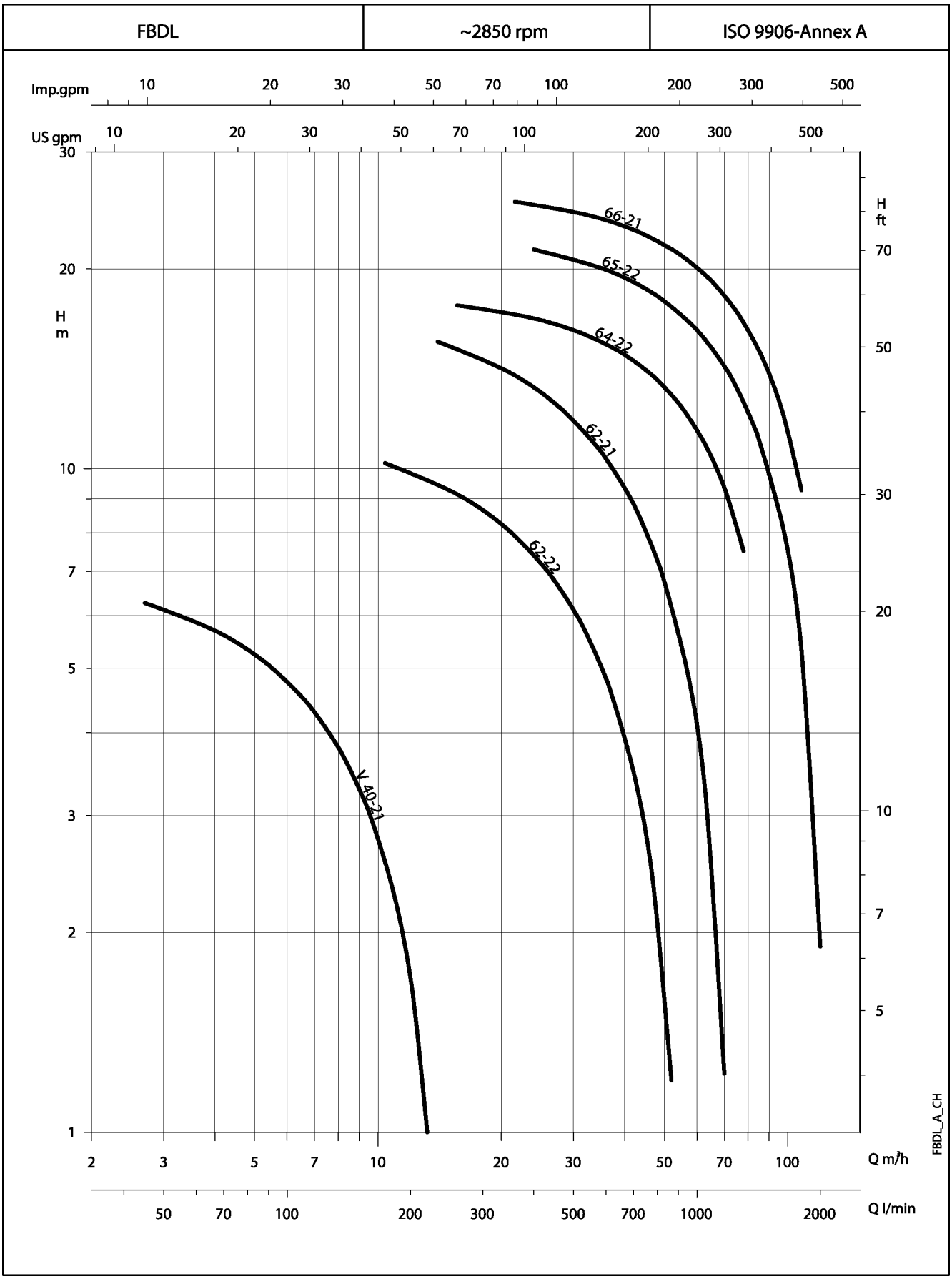
FXDL SERIES
OPERATING CHARACTERISTICS AT 50 Hz

FXDL	~2850 rpm	ISO 9906-Annex A



FBDL SERIES
OPERATING CHARACTERISTICS AT 50 Hz

FBDL	~2850 rpm	ISO 9906-Annex A



FXDL SERIES
HYDRAULIC PERFORMANCE TABLE

PUMP TYPE	ABS. POW.		Q = DELIVERY												PASSES SOLIDS UP TO	MAX LIQUID TEMP.
			l/min 0	50	100	150	200	300	400	600	800	1000	1200			
			m^3/h 0	3	6	9	12	18	24	36	48	60	72			
	kW	rpm	H = TOTAL HEAD METERS COLUMN OF WATER											DNM	(mm)	°C
FXDLV 41-21	0,8	2850	9,4	8,5	7,4	6,2	4,9	2,0						Rp 1 1/2	30	40
FXDL 41-21	1,0	2850	16,0	14,9	13,5	11,8	9,7	4,6						Rp 1 1/2	6	40
FXDL 53-22	3,2	2850	24,4	24,3	24,0	23,5	23,0	21,5	19,6					Rp 2	7	40
FXDL 62-22	1,7	2850	12,2	11,6	11,1	10,5	9,9	8,7	7,4	4,8	2,1			70	28	40
FXDL 62-21	2,2	2850	18,5	17,9	17,3	16,6	16,0	14,6	13,3	10,4	7,3	4,1		70	30	40
FXDL 64-22	3,8	2850	18,6	18,5	18,3	18,1	17,9	17,4	16,8	15,4	13,6	11,4	8,9	70	30	25
FXDL 56-23	6,0	2850	32,1	32,0	31,8	31,4	30,9	29,5	27,4	21,5	13,2			Rp 2	8	40
FXDL 56-22	6,6	2850	35,3	35,9	36,2	36,2	36,0	34,9	32,9	25,7				Rp 2	8	40
FXDL 56-21	9,0	2850	44,3	44,7	44,9	45,0	45,0	44,4	43,1	38,8				Rp 2	8	40
PUMP TYPE	**ABS. POW.**		**Q = DELIVERY**												**PASSES SOLIDS UP TO**	**MAX LIQUID TEMP.**
			l/min 0	200	300	400	600	800	1000	1200	1400	1600	1800			
			m^3/h 0	12	18	24	36	48	60	72	84	96	108			
	kW	rpm	H = TOTAL HEAD METERS COLUMN OF WATER											DNM	(mm)	°C
FXDL 65-22	5,2	2850	23,0	22,2	21,7	21,1	19,8	18,1	16,2	14,0	11,5	8,7	5,6	70	30	40
FXDL 66-21	6,6	2850	26,7	26,0	25,6	25,0	23,7	22,0	20,1	17,9	15,3	12,4	9,3	70	30	40

PERFORMANCES MEASURED WITH PURE WATER AT 20°C

FXDL_B_TH

FBDL SERIES
HYDRAULIC PERFORMANCE TABLE

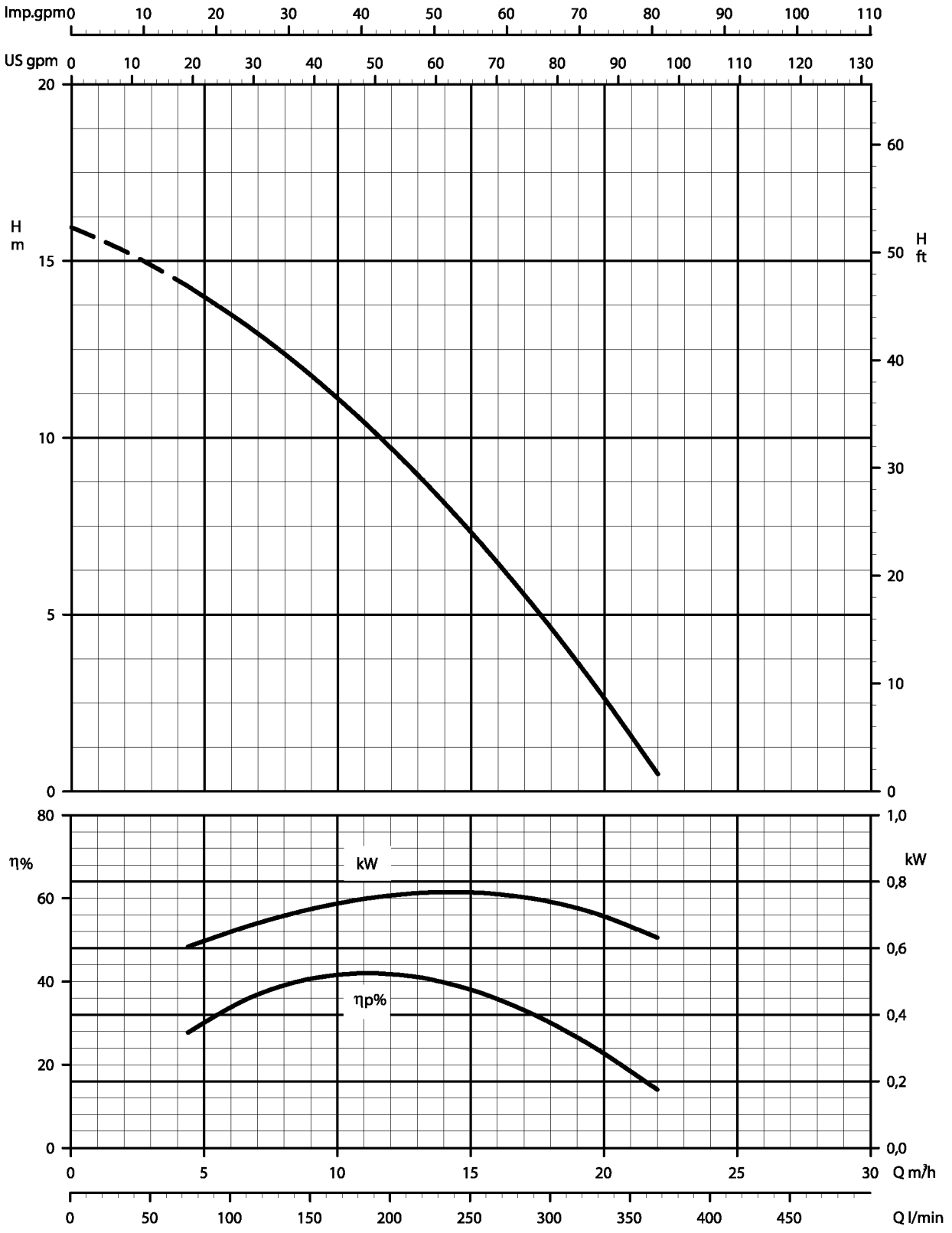
PUMP TYPE	ABS. POW.		Q = DELIVERY												PASSES SOLIDS UP TO	MAX LIQUID TEMP.
			l/min 0	50	75	100	150	175	200	250	400	600	1000			
			m^3/h 0	3	4,5	6	9	10,5	12	15	24	36	60			
	kW	rpm	H = TOTAL HEAD METERS COLUMN OF WATER											DNM	(mm)	°C
FBDLVM 40-21	0,5	2850	8,4	7,0	6,3	5,6	4,0	3,2	2,3					Rp 1 1/4	30	40
FBDLM 62-22	1,8	2850	12,4	11,7	11,4	11,1	10,5	10,1	9,8	9,2	7,2	4,6		70	28	25
FBDLV 40-21	0,5	2850	7,4	6,1	5,5	4,8	3,3	2,5	1,7					Rp 1 1/4	30	40
FBDL 62-22	1,7	2850	12,2	11,6	11,3	11,1	10,5	10,2	9,9	9,3	7,4	4,8		70	28	40
FBDL 62-21	2,2	2850	18,5	17,9	17,6	17,3	16,6	16,3	16,0	15,3	13,3	10,4	4,1	70	30	40
PUMP TYPE	**ABS. POW.**		**Q = DELIVERY**												**PASSES SOLIDS UP TO**	**MAX LIQUIS TEMP.**
			l/min 0	125	175	250	400	600	800	1000	1200	1400	1800			
			m^3/h 0	7,5	10,5	15	24	36	48	60	72	84	108			
	kW	rpm	H = TOTAL HEAD METERS COLUMN OF WATER											DNM	(mm)	°C
FBDL 64-22	3,5	2850	18,6	18,2	18,0	17,7	16,8	15,4	13,6	11,4	8,9			70	30	25
FBDL 65-22	5,2	2850	23,5	22,9	22,7	22,3	21,4	19,9	18,2	16,2	13,9	11,3	5,3	70	30	40
FBDL 66-21	6,6	2850	26,7	26,3	26,1	25,8	25,0	23,7	22,0	20,1	17,9	15,3	9,3	70	30	40

PERFORMANCES MEASURED WITH PURE WATER AT 20°C

FBDL_B_TH

FXDL SERIES
OPERATING CHARACTERISTICS AT 2850 rpm 50 Hz

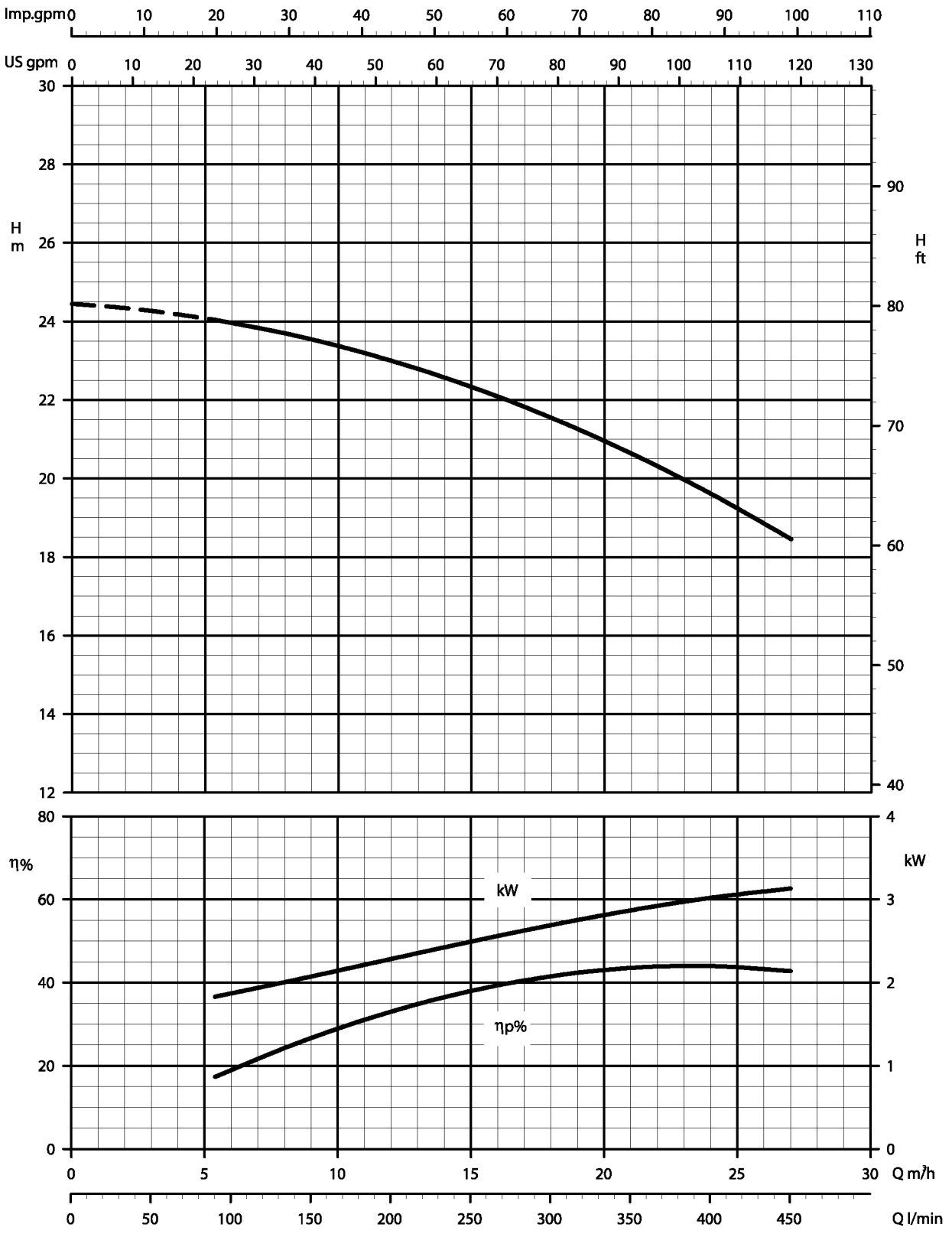
FXDL 41-21	~2850 rpm	ISO 9906-Annex A



These performances are valid for liquids with density ρ = 1.0 kg/dm³ and kinematic viscosity γ = 1 mm²/s.

FXDL SERIES
OPERATING CHARACTERISTICS AT 2850 rpm 50 Hz

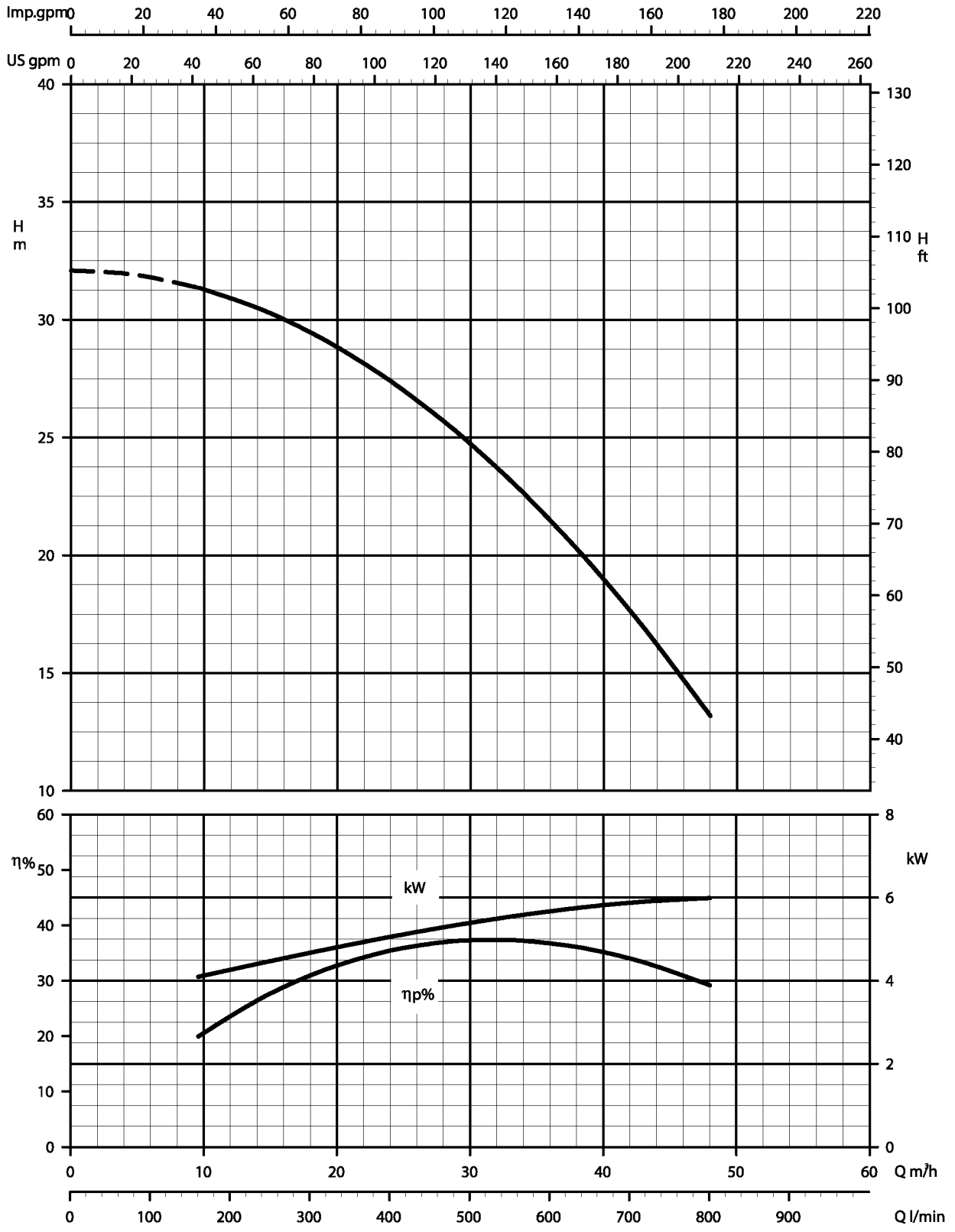
FXDL 53-22	~2850 rpm	ISO 9906-Annex A



These performances are valid for liquids with density ρ = 1.0 kg/dm³ and kinematic viscosity γ = 1 mm²/s.

FXDL SERIES
OPERATING CHARACTERISTICS AT 2850 rpm 50 Hz

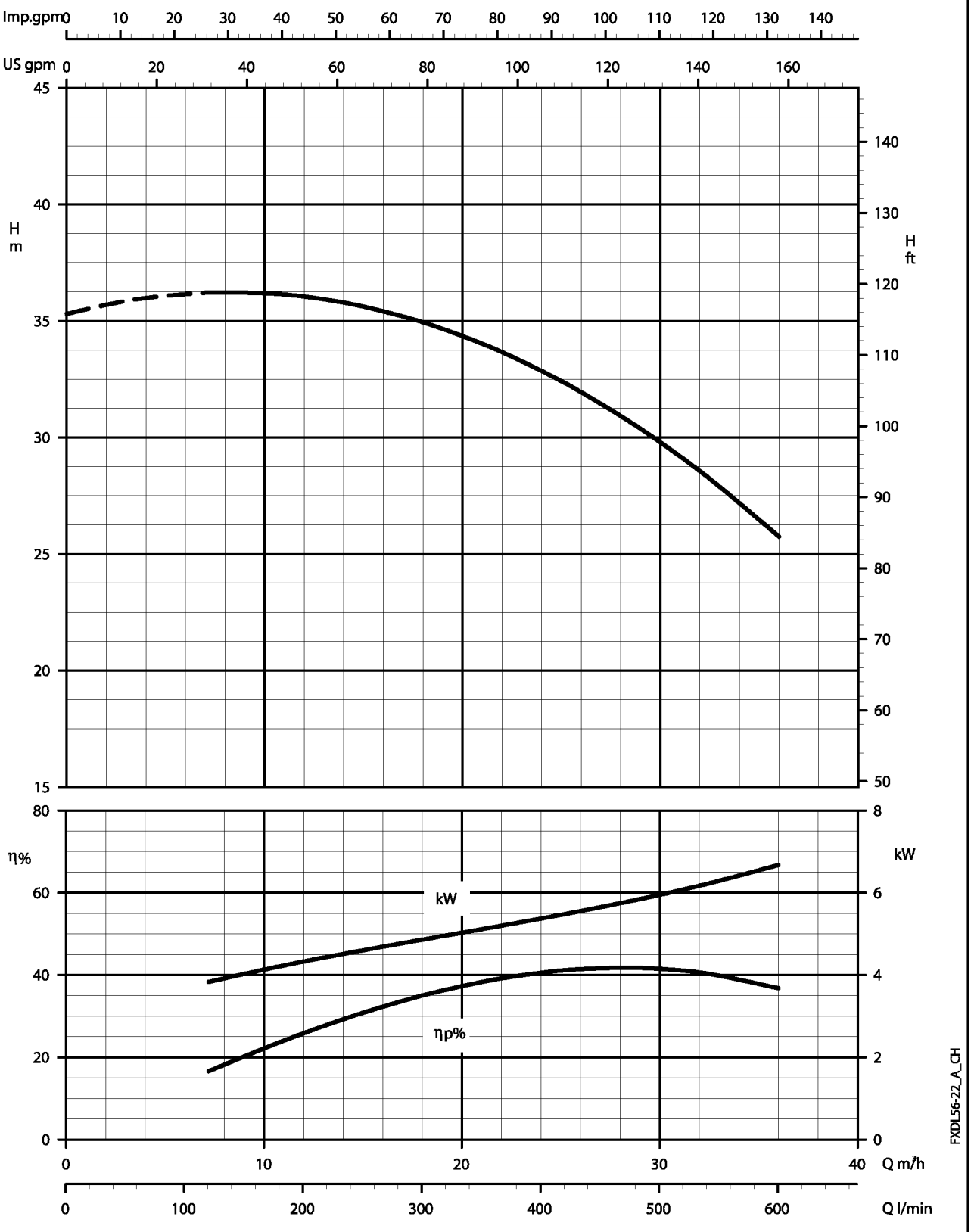
FXDL 56-23	~2850 rpm	ISO 9906-Annex A



These performances are valid for liquids with density ρ = 1.0 kg/dm³ and kinematic viscosity γ = 1 mm²/s.

FXDL SERIES
OPERATING CHARACTERISTICS AT 2850 rpm 50 Hz

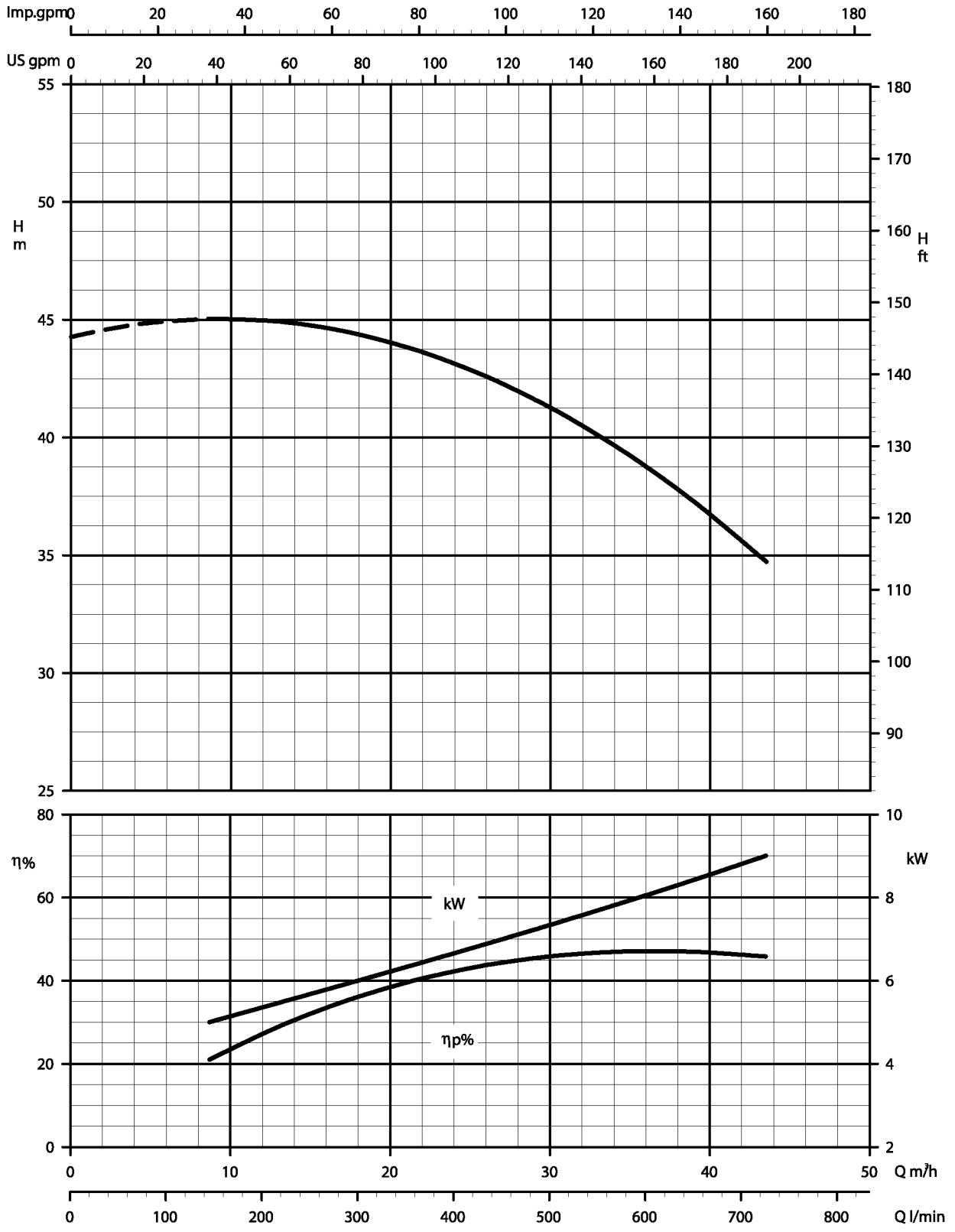
FXDL 56-22	~2850 rpm	ISO 9906-Annex A



These performances are valid for liquids with density ρ = 1.0 kg/dm³ and kinematic viscosity γ = 1 mm²/s.

FXDL SERIES
OPERATING CHARACTERISTICS AT 2850 rpm 50 Hz

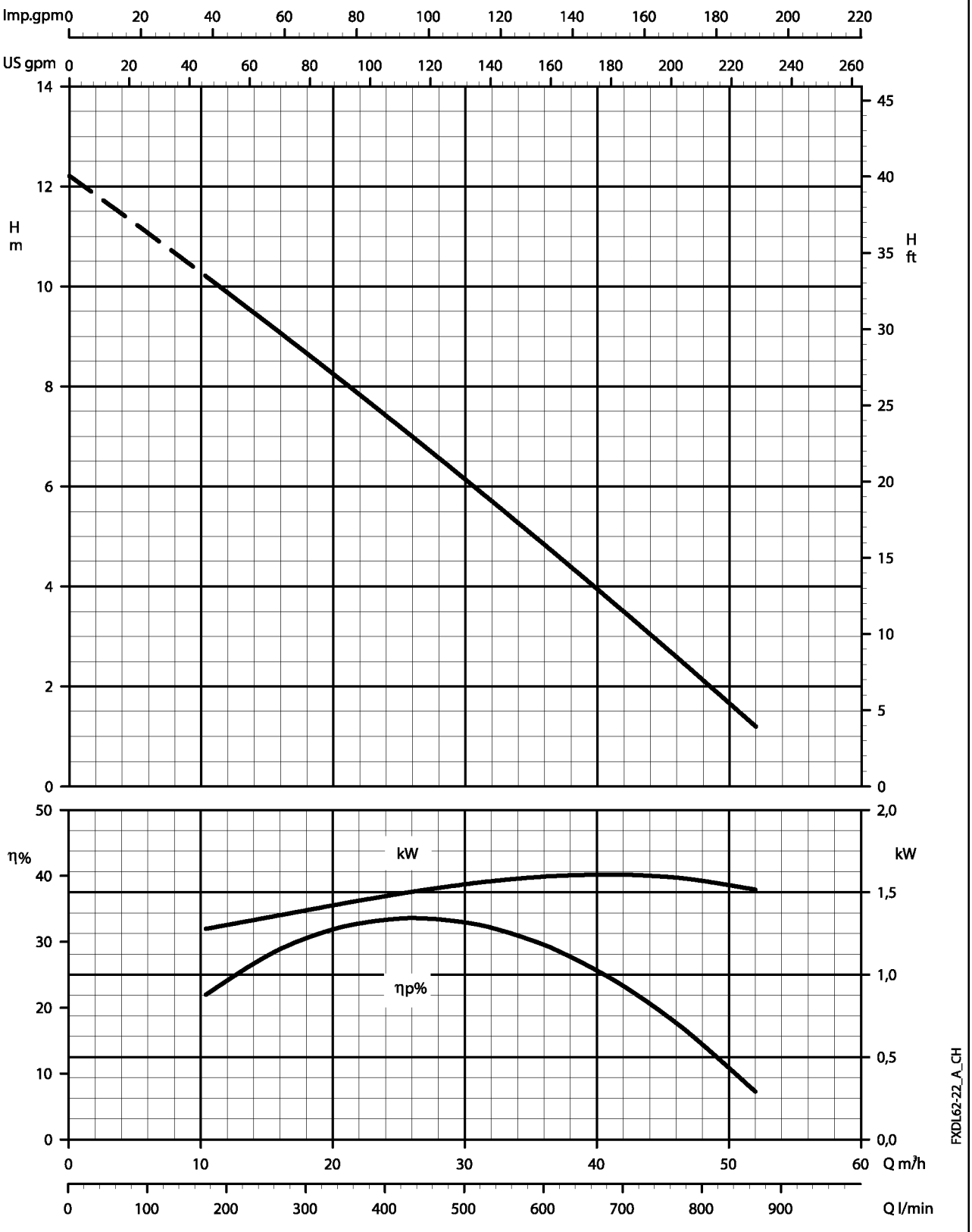
FXDL 56-21	~2850 rpm	ISO 9906-Annex A



These performances are valid for liquids with density ρ = 1.0 kg/dm³ and kinematic viscosity γ = 1 mm²/s.

FXDL SERIES
OPERATING CHARACTERISTICS AT 2850 rpm 50 Hz

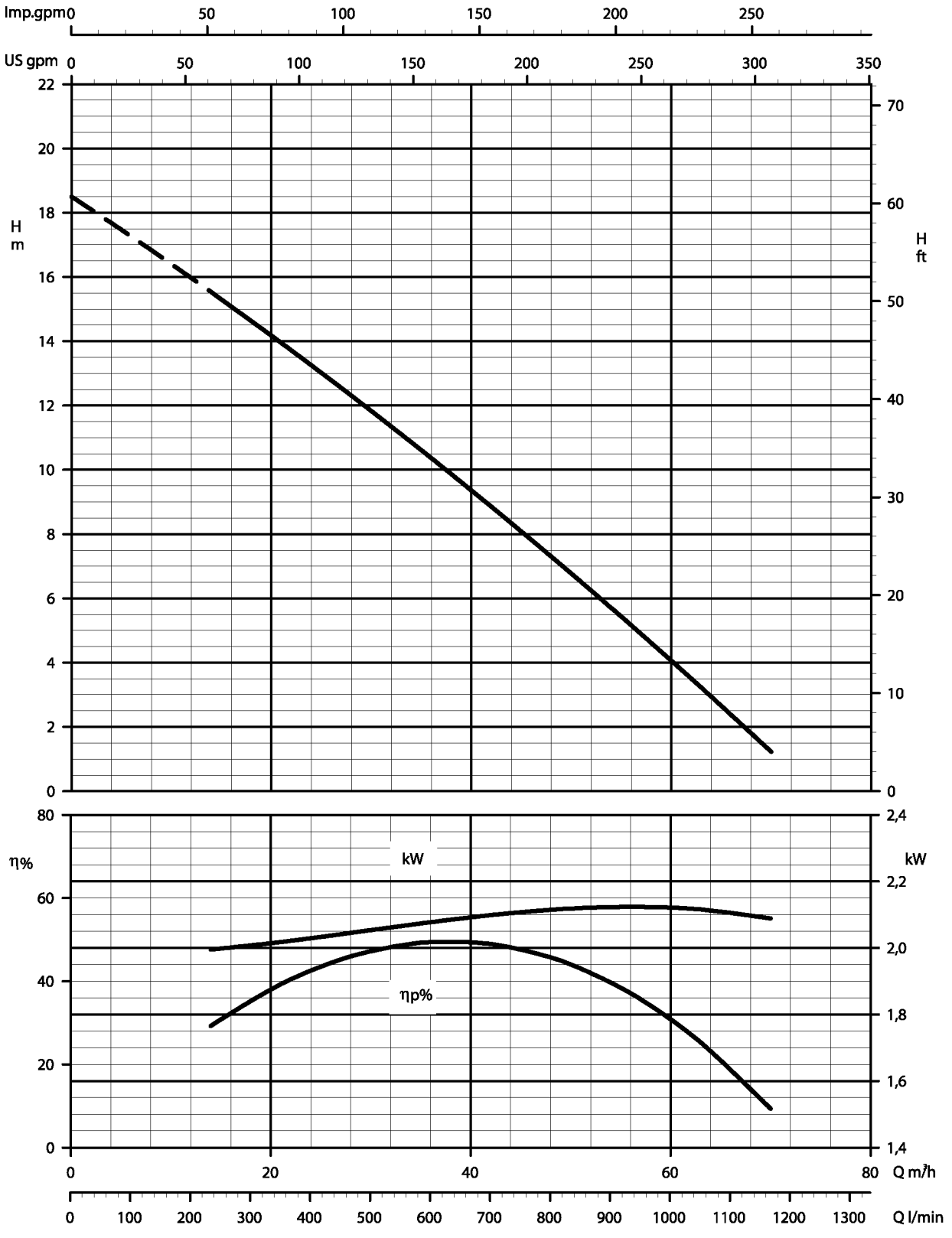
FXDL 62-22	~2850 rpm	ISO 9906-Annex A



These performances are valid for liquids with density ρ = 1.0 kg/dm³ and kinematic viscosity γ = 1 mm²/s.

FXDL SERIES
OPERATING CHARACTERISTICS AT 2850 rpm 50 Hz

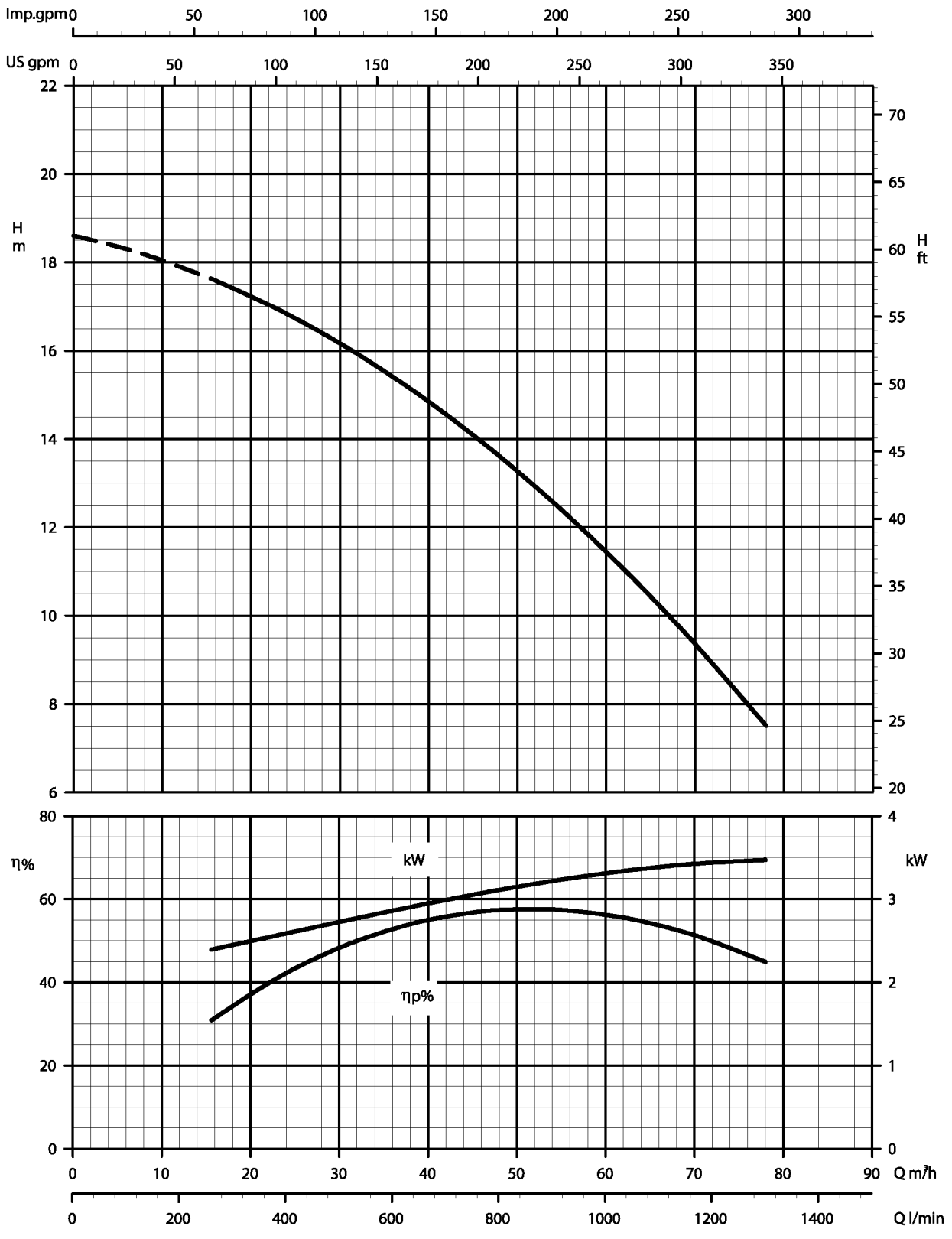
FXDL 62-21	~2850 rpm	ISO 9906-Annex A



These performances are valid for liquids with density ρ = 1.0 kg/dm³ and kinematic viscosity γ = 1 mm²/s.

FXDL SERIES
OPERATING CHARACTERISTICS AT 2850 rpm 50 Hz

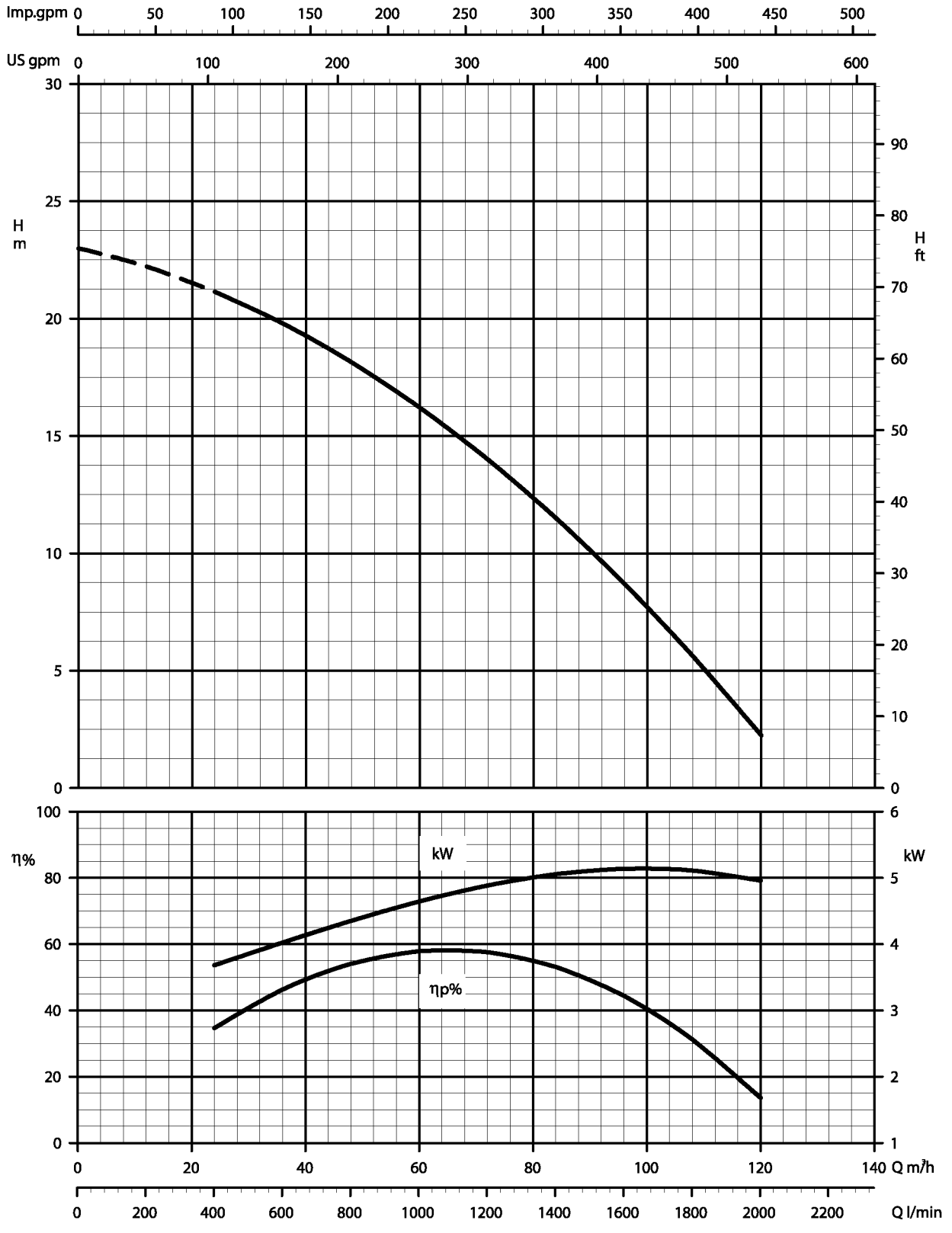
FXDL 64-22	~2850 rpm	ISO 9906-Annex A



These performances are valid for liquids with density ρ = 1.0 kg/dm³ and kinematic viscosity γ = 1 mm²/s.

FXDL SERIES
OPERATING CHARACTERISTICS AT 2850 rpm 50 Hz

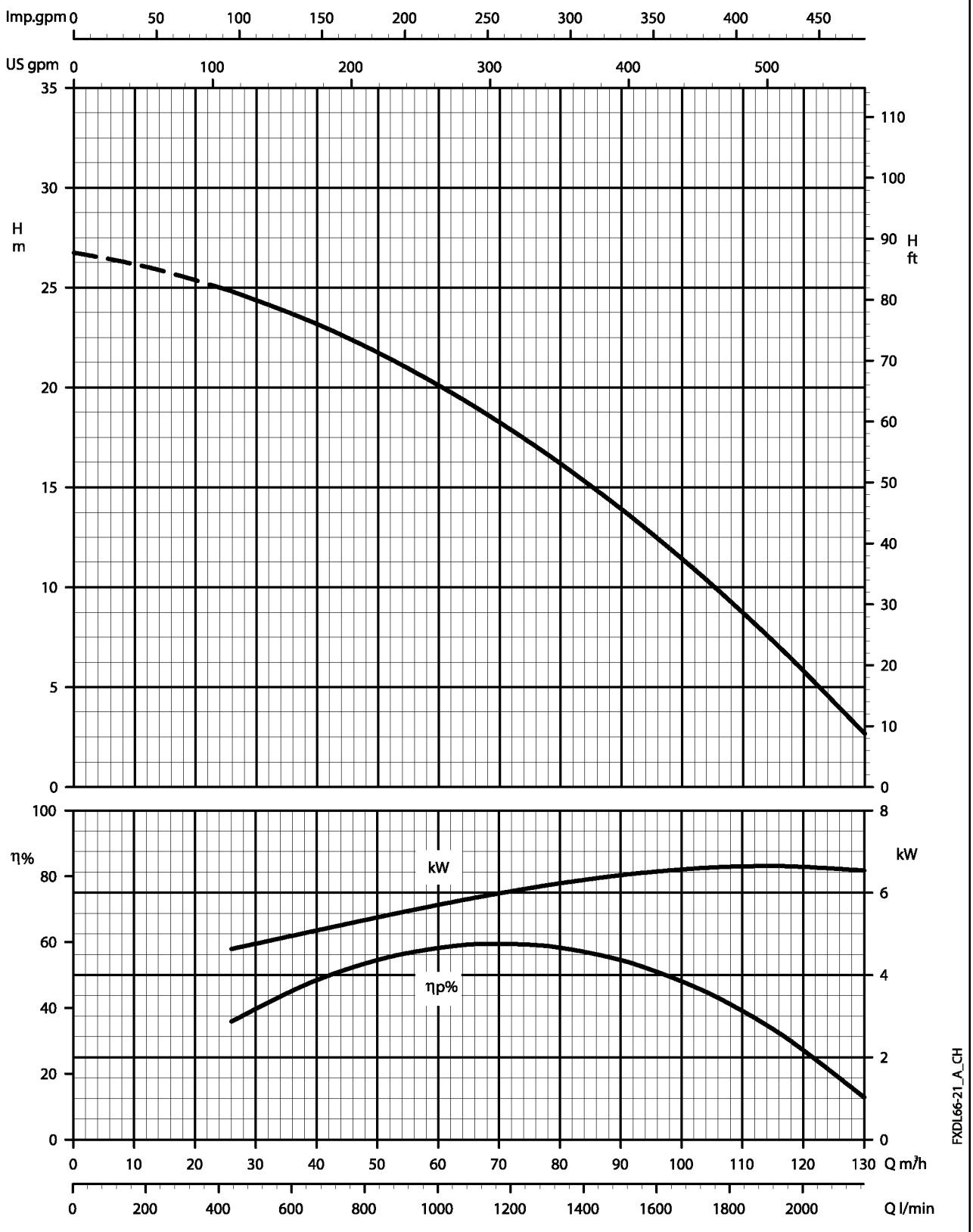
FXDL 65-22	~2850 rpm	ISO 9906-Annex A



These performances are valid for liquids with density ρ = 1.0 kg/dm³ and kinematic viscosity γ = 1 mm²/s.

FXDL SERIES
OPERATING CHARACTERISTICS AT 2850 rpm 50 Hz

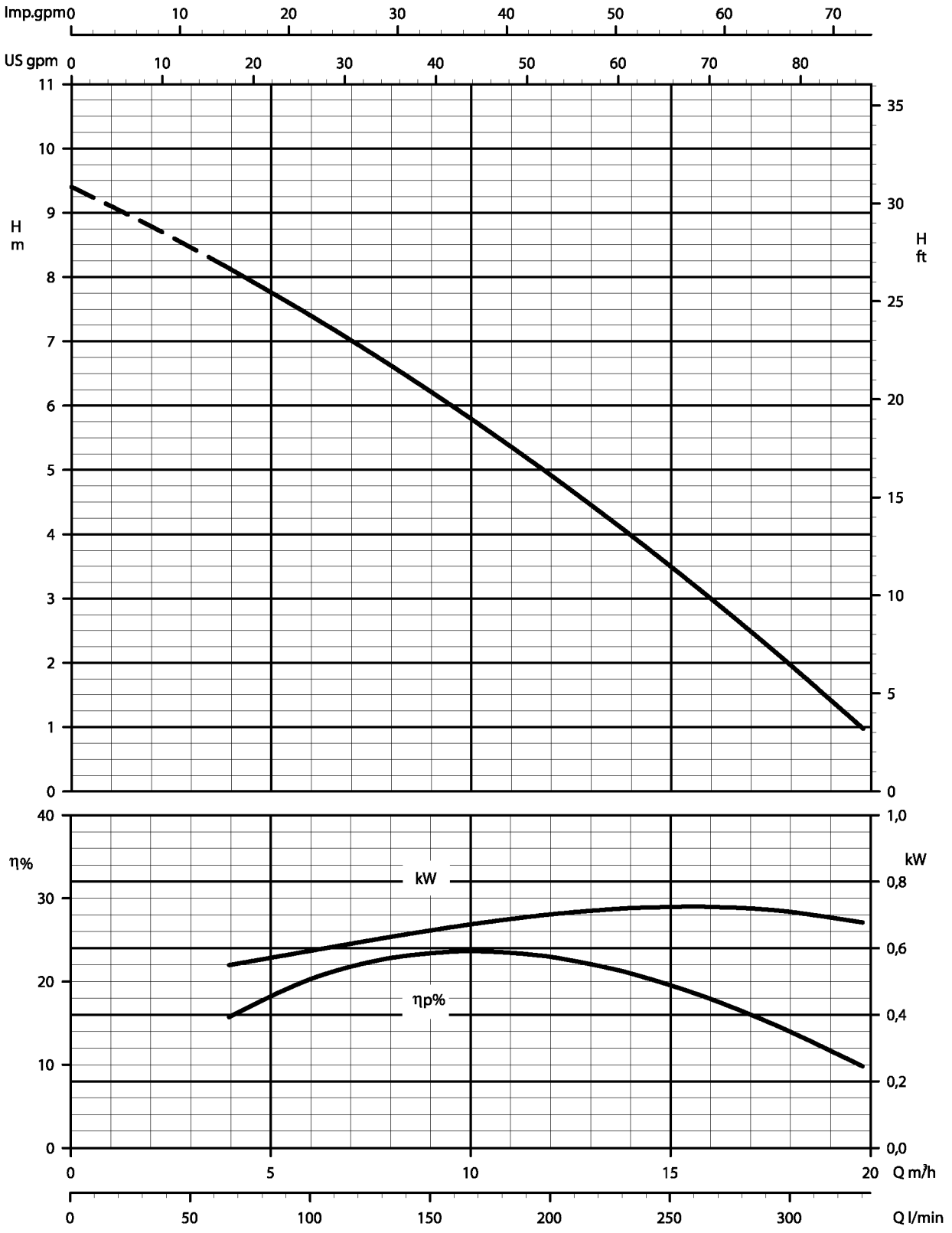
FXDL 66-21	~2850 rpm	ISO 9906-Annex A



These performances are valid for liquids with density ρ = 1.0 kg/dm³ and kinematic viscosity γ = 1 mm²/s.

FXDL SERIES
OPERATING CHARACTERISTICS AT 2850 rpm 50 Hz

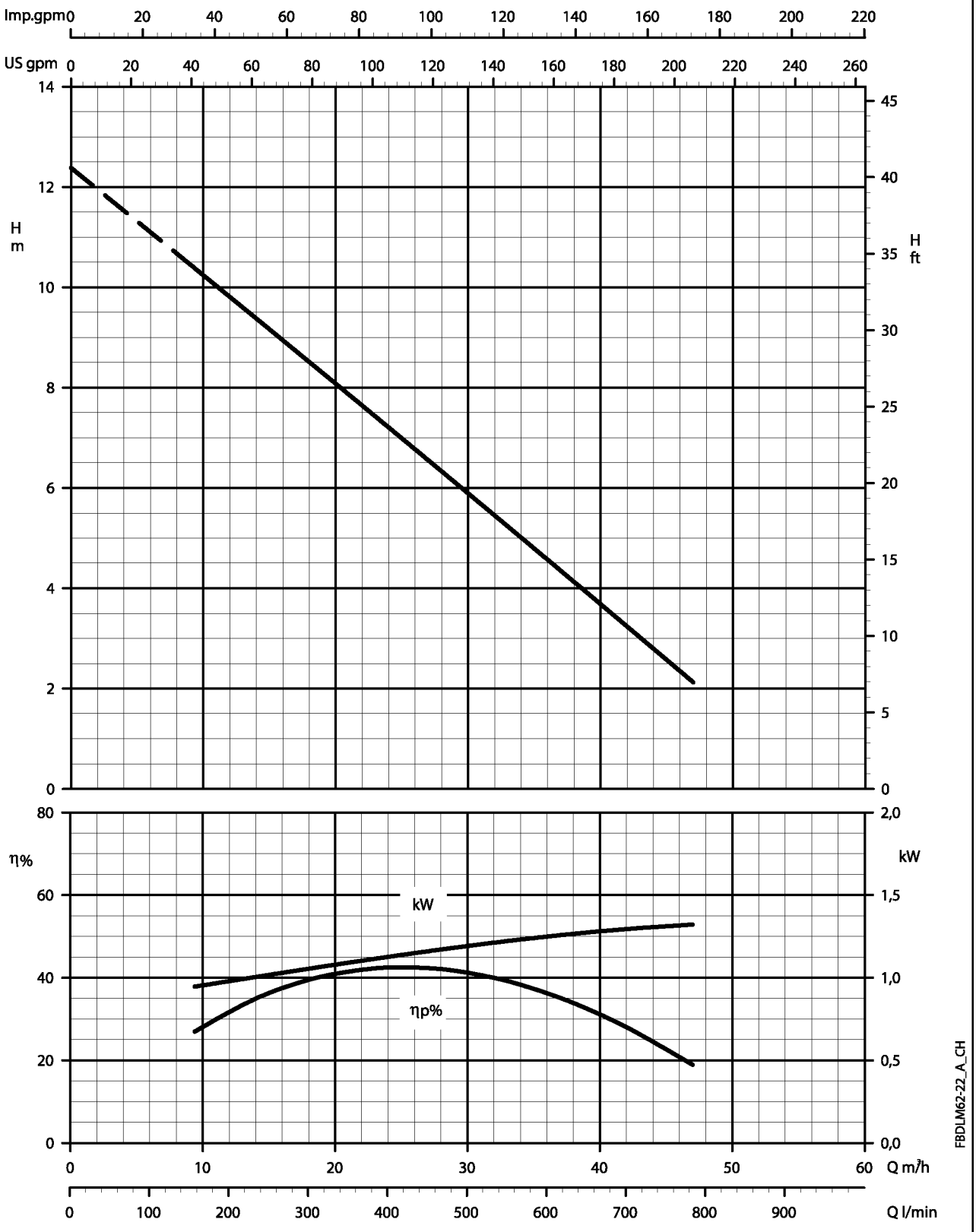
FXDLV 41-21	~2850 rpm	ISO 9906-Annex A



These performances are valid for liquids with density ρ = 1.0 kg/dm³ and kinematic viscosity γ = 1 mm²/s.

FBDLM SERIES
OPERATING CHARACTERISTICS AT 2850 rpm 50 Hz

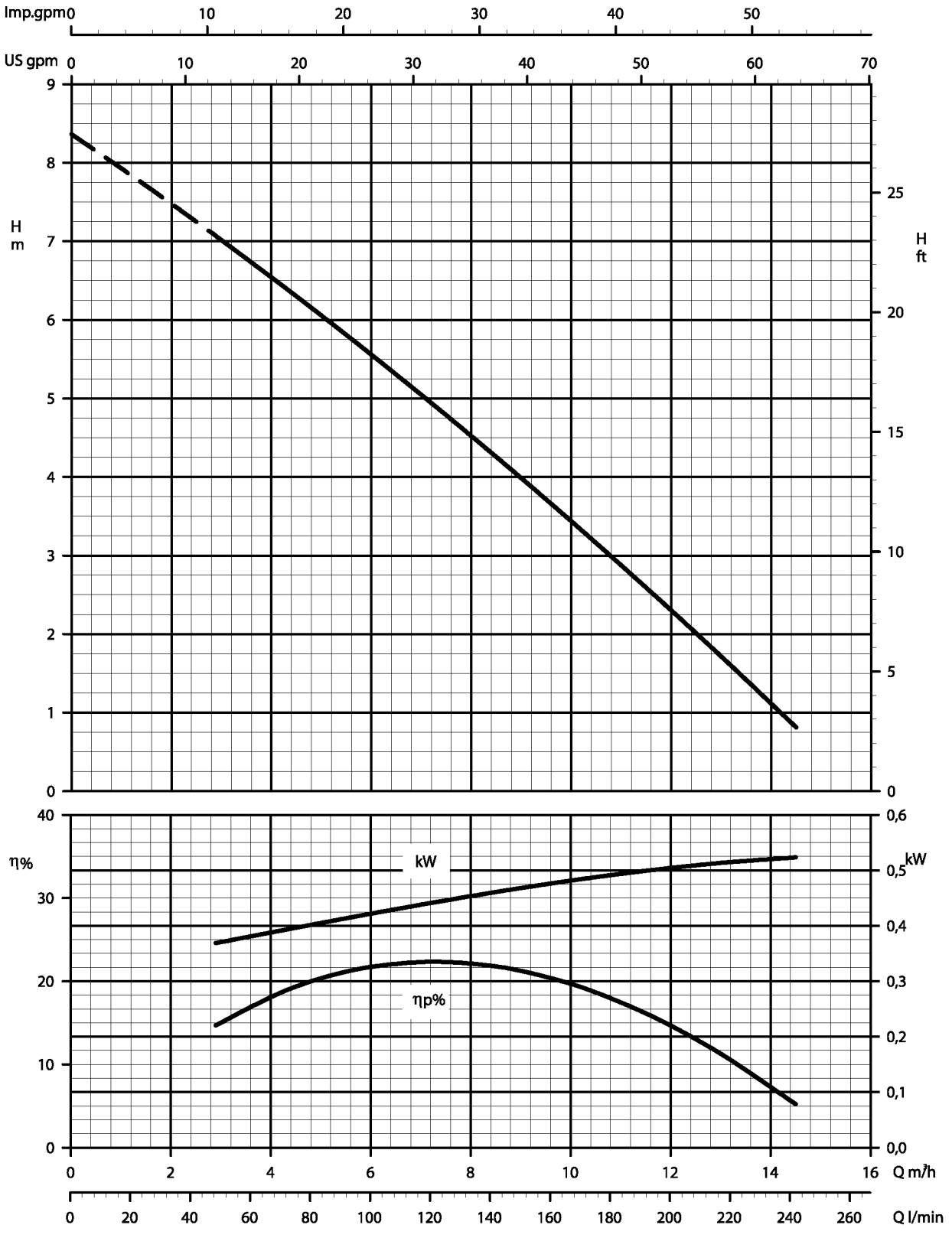
FBDLM 62-22	~2850 rpm	ISO 9906-Annex A



These performances are valid for liquids with density ρ = 1.0 kg/dm³ and kinematic viscosity γ = 1 mm²/s.

FBDLVM SERIES
OPERATING CHARACTERISTICS AT 2850 rpm 50 Hz

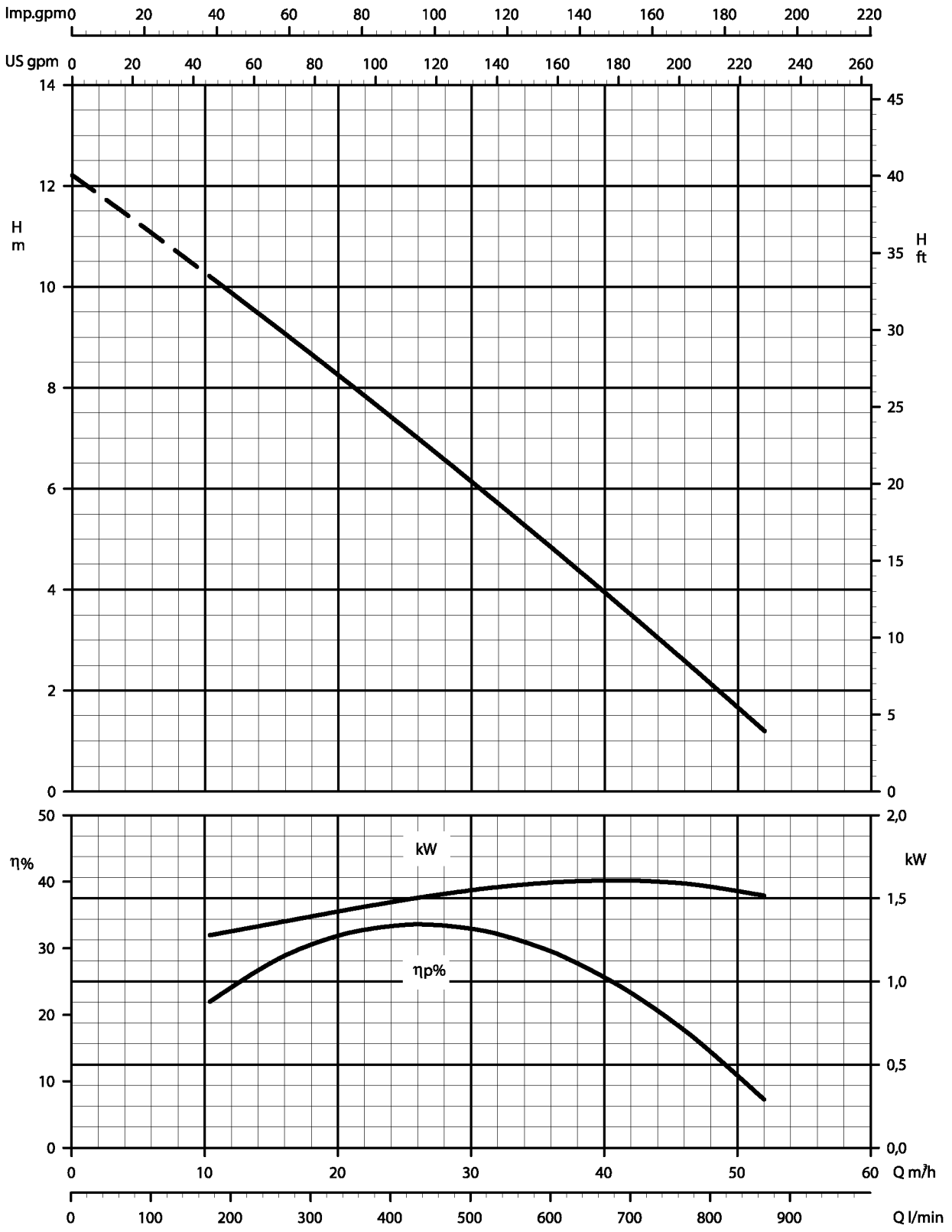
FBDLVM 40-21	~2850 rpm	ISO 9906-Annex A



These performances are valid for liquids with density ρ = 1.0 kg/dm³ and kinematic viscosity γ = 1 mm²/s.

FBDL SERIES
OPERATING CHARACTERISTICS AT 2850 rpm 50 Hz

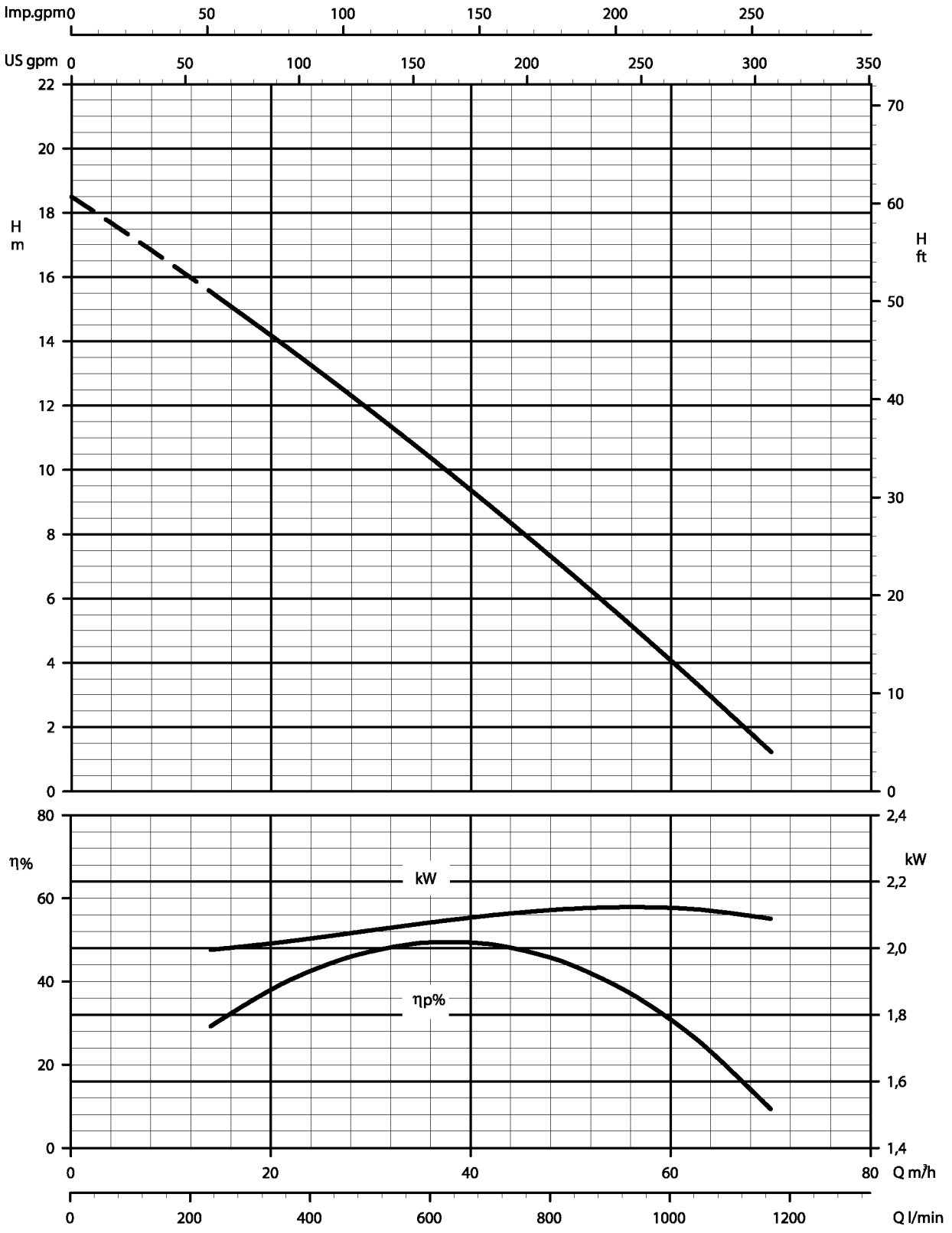
FBDL 62-22	~2850 rpm	ISO 9906-Annex A



These performances are valid for liquids with density ρ = 1.0 kg/dm³ and kinematic viscosity γ = 1 mm²/s.

FBDL SERIES
OPERATING CHARACTERISTICS AT 2850 rpm 50 Hz

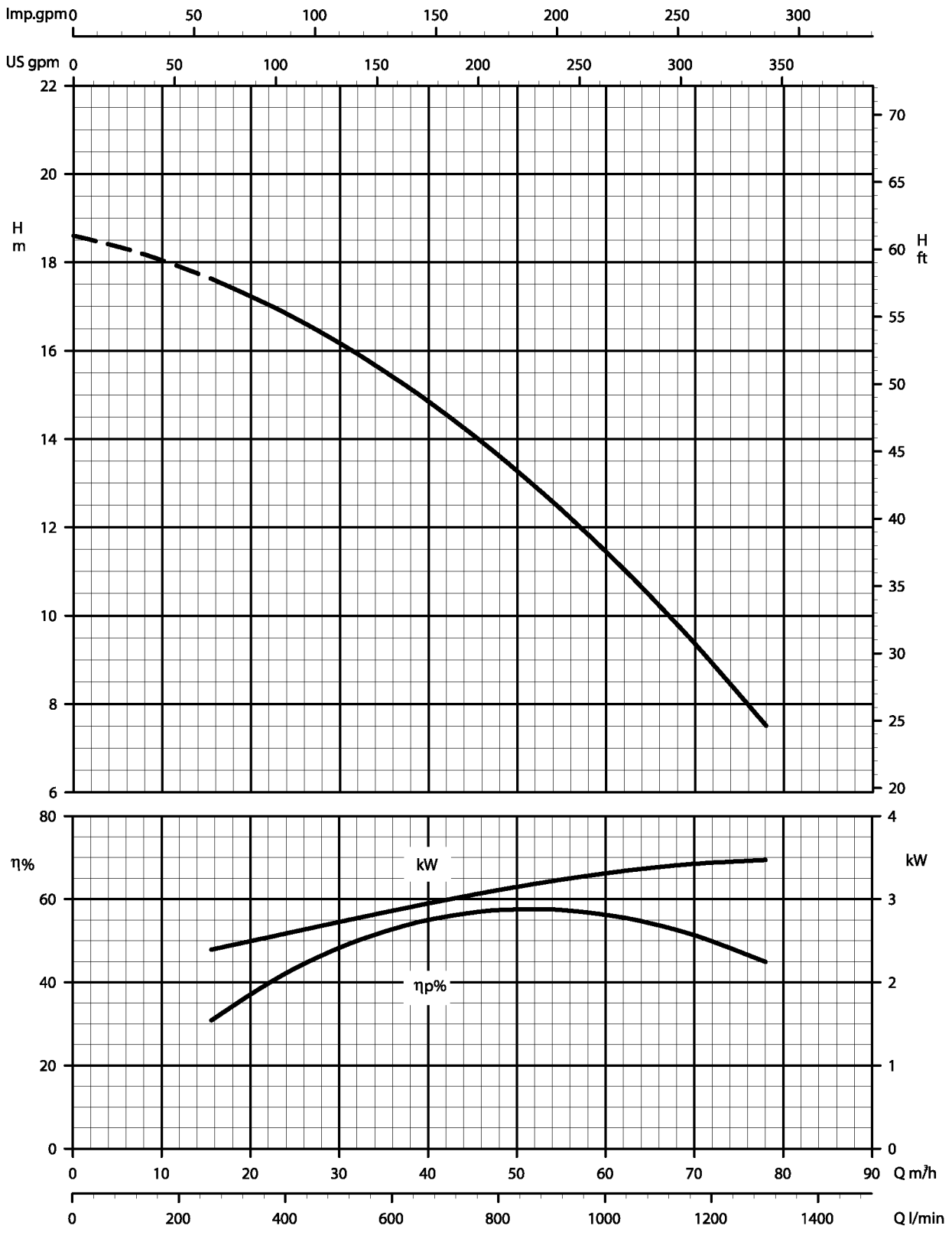
FBDL 62-21	~2850 rpm	ISO 9906-Annex A



These performances are valid for liquids with density ρ = 1.0 kg/dm³ and kinematic viscosity γ = 1 mm²/s.

FBDL SERIES
OPERATING CHARACTERISTICS AT 2850 rpm 50 Hz

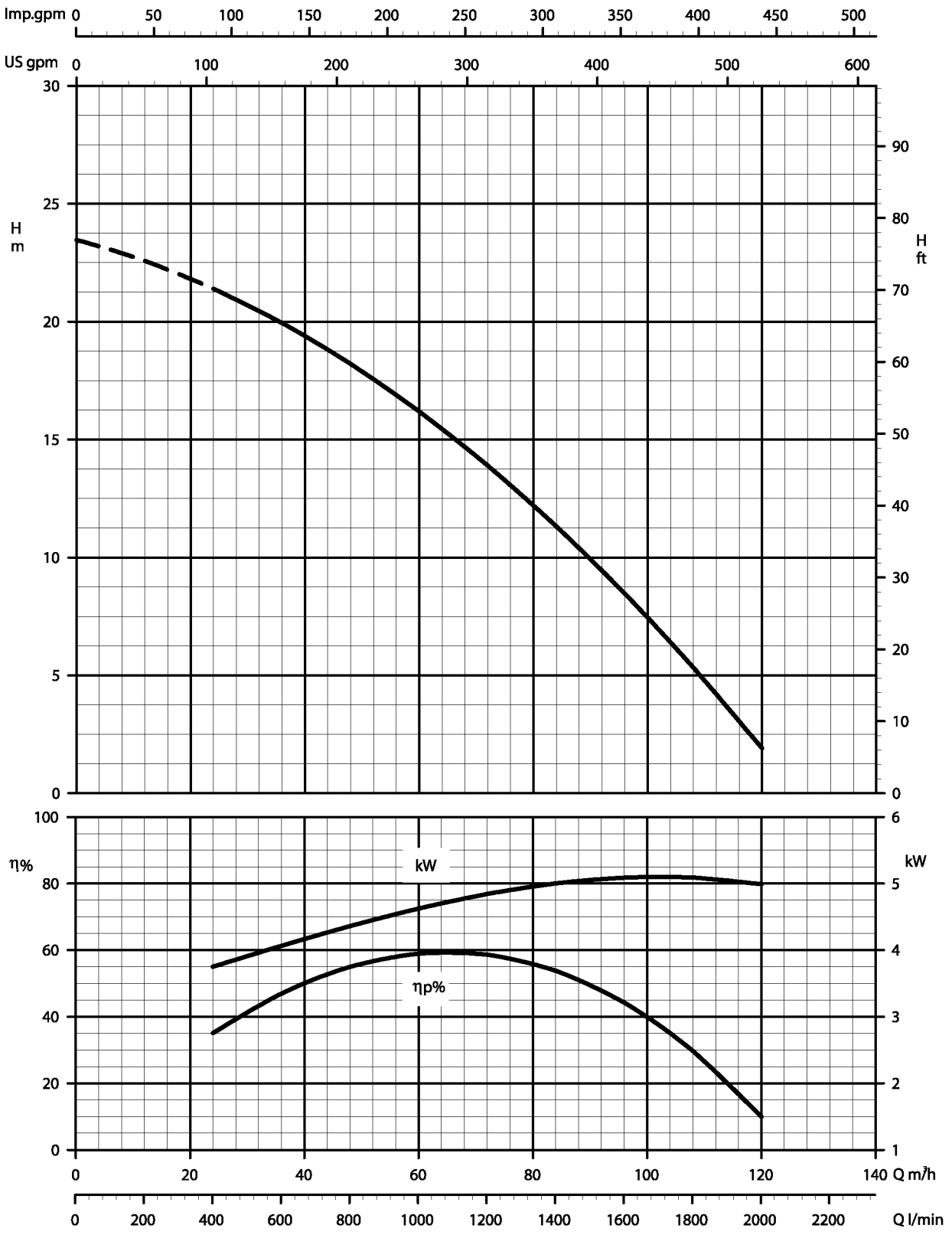
FBDL 64-22	~2850 rpm	ISO 9906-Annex A



These performances are valid for liquids with density ρ = 1.0 kg/dm³ and kinematic viscosity γ = 1 mm²/s.

FBDL SERIES
OPERATING CHARACTERISTICS AT 2850 rpm 50 Hz

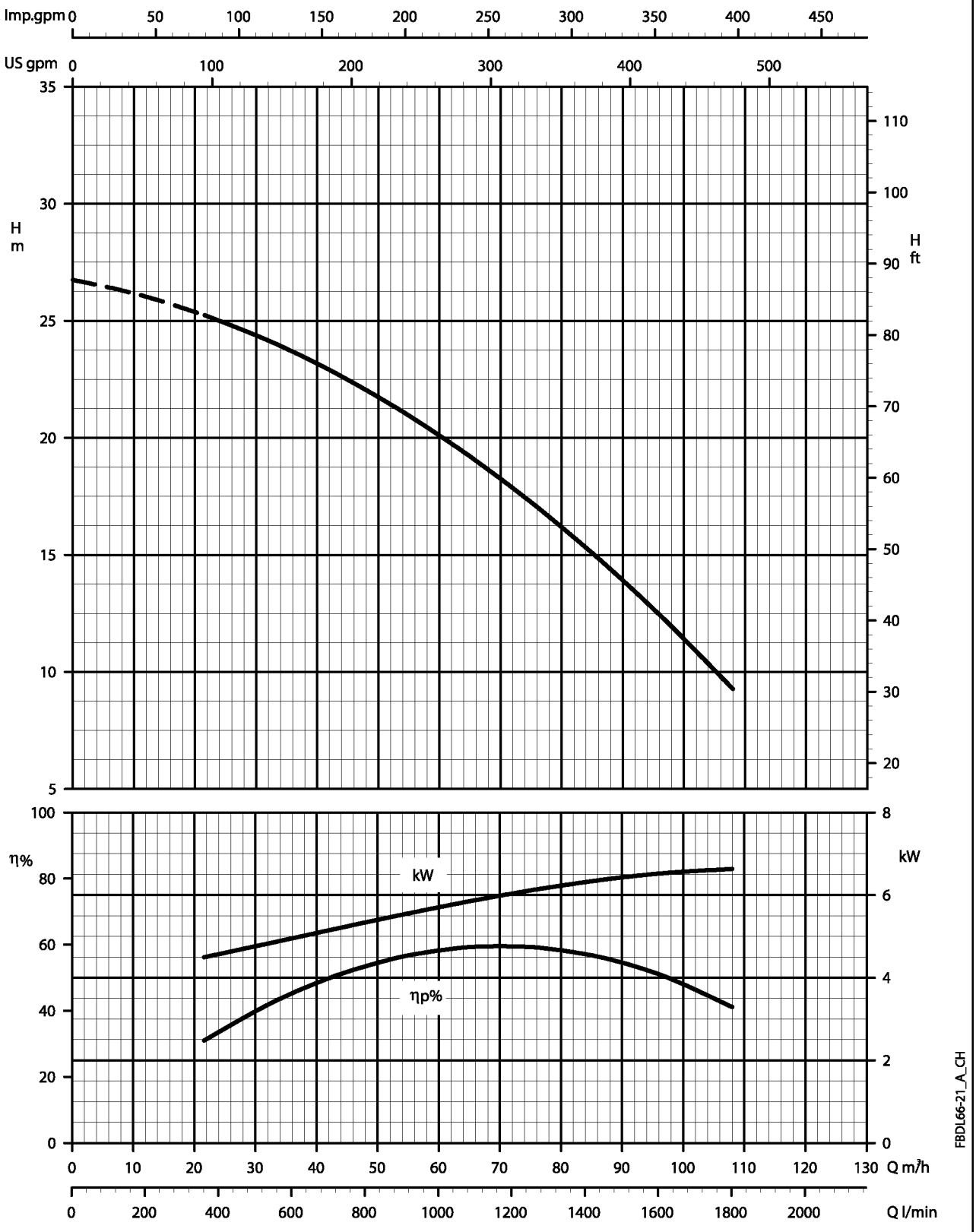
FBDL 65-22	~2850 rpm	ISO 9906-Annex A



These performances are valid for liquids with density ρ = 1.0 kg/dm³ and kinematic viscosity γ = 1 mm²/s.

FBDL SERIES
OPERATING CHARACTERISTICS AT 2850 rpm 50 Hz

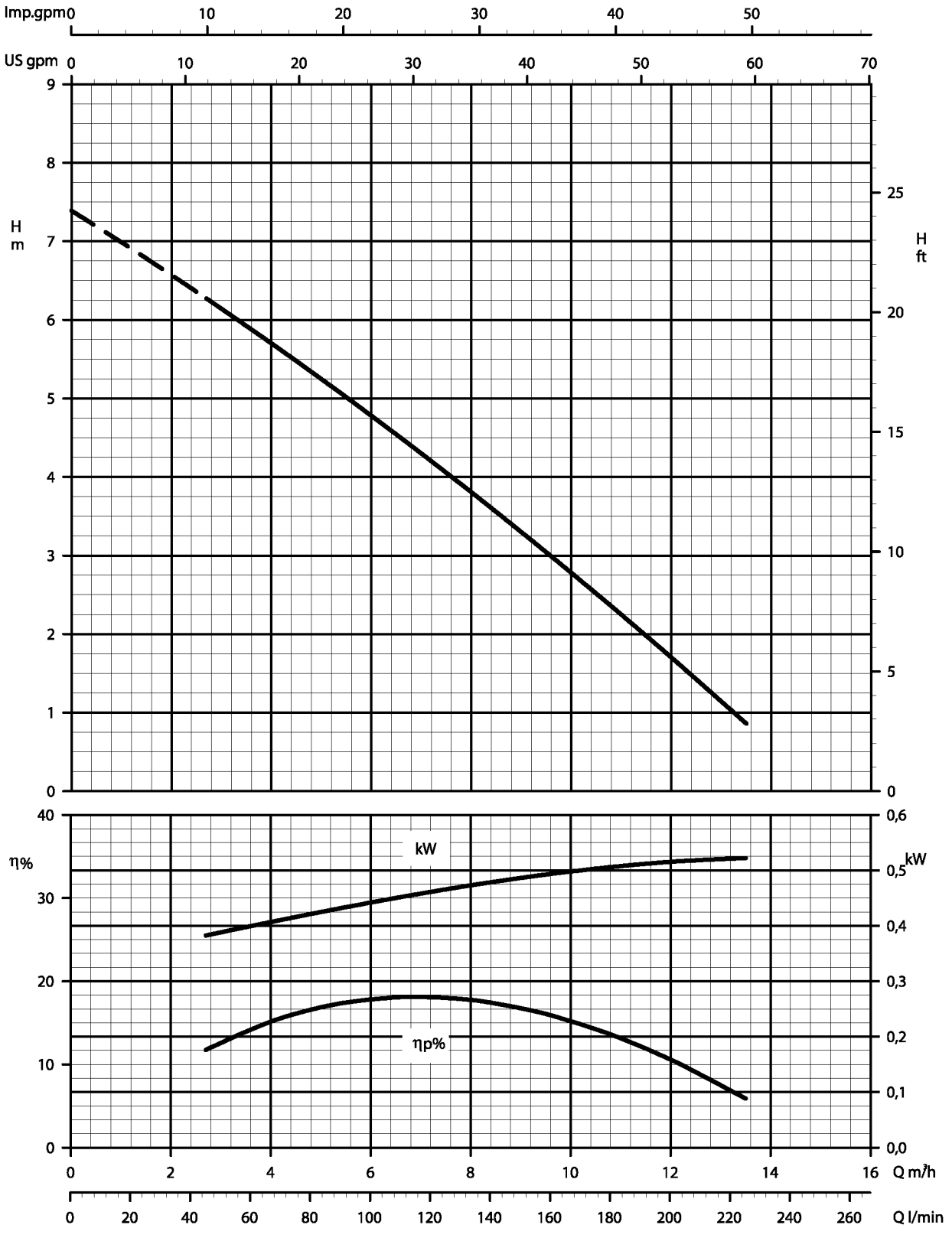
FBDL 66-21	~2850 rpm	ISO 9906-Annex A



These performances are valid for liquids with density ρ = 1.0 kg/dm³ and kinematic viscosity γ = 1 mm²/s.

FBDLV SERIES
OPERATING CHARACTERISTICS AT 2850 rpm 50 Hz

FBDLV 40-21	~2850 rpm	ISO 9906-Annex A



These performances are valid for liquids with density ρ = 1.0 kg/dm³ and kinematic viscosity γ = 1 mm²/s.