

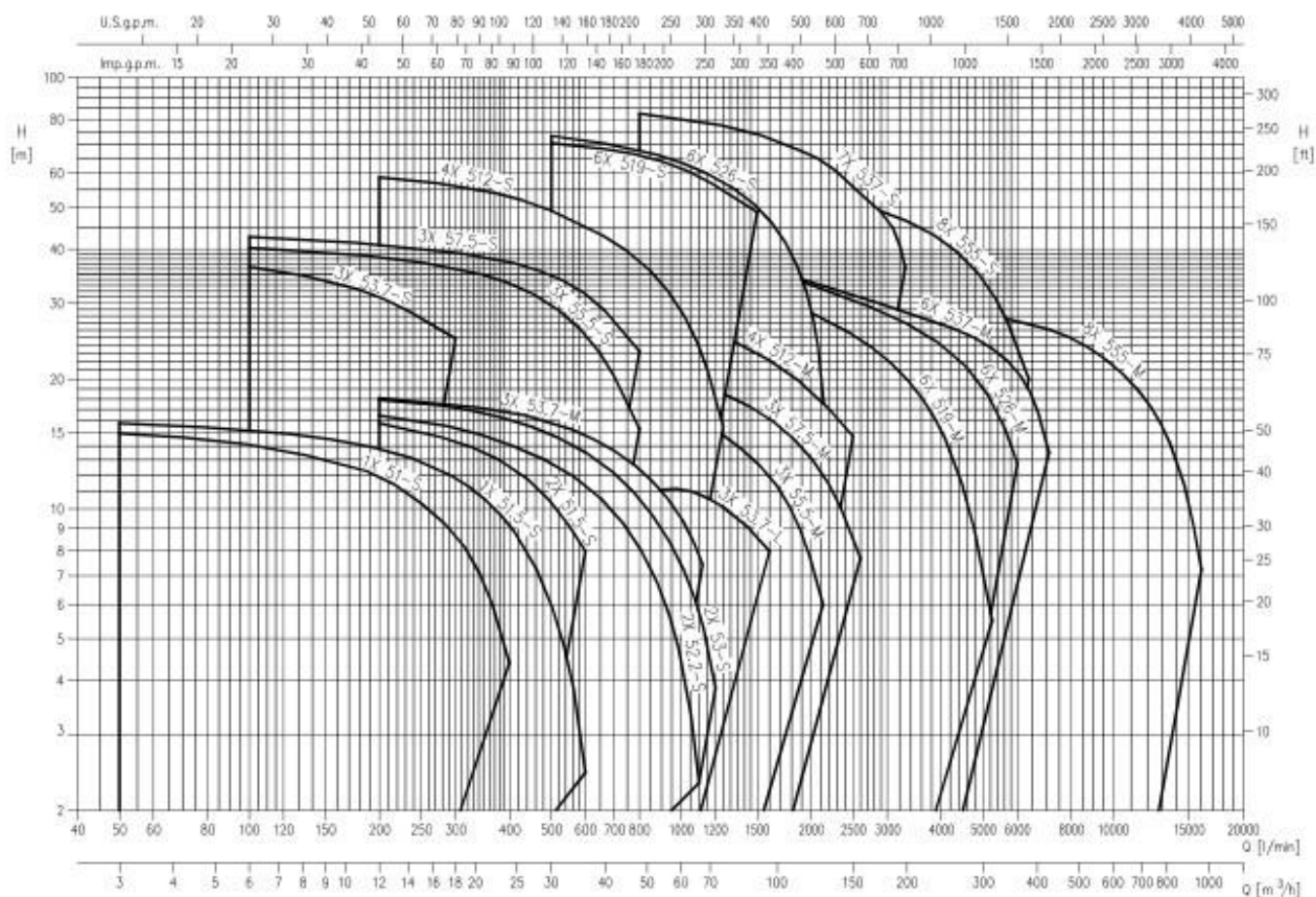
TABELA ZA IZBOR

50Hz

PUMP

PUMP	Radna tečnost	Vrsta tečnosti		Voda sa primesama čvrstog materijala				
		Max Temp.		[°C]	40°			
		Max dimenzija čvrstog materijala	[mm]	25x6	3X 53.7-(L, M)			
				30x9.5	3X 5(5.5, 7.5)-M			
				25.5x5	4X 512-M			
				25.5x10	6X 5(19, 26, 37)-M			
				Ø 6	1X, 2X, 3X 5(3.7, 5.5, 7.5)-S			
				Ø 10	4X 512-S, 6X 5(19, 26)-S			
				Ø 13	7X			
				Ø 15	8X			
	Uronjenost	Max	[m]	15				
		Min	[m]	0.127				
	Konstrukcija	Radno kolo		Otvoreno				
		Zaptivanje vratila		Dupli mehanički zaptivač u uljnoj komori				
	Konekcije	Usis		Rešetka				
		Navojna (standard)	[inch]	2	1X, 2X 51.5-S			
				3	2X 5(2.2, 3)-S, 3X-(S, M)			
				4	3X-L, 4X 512-S, 6X 519-S			
				6	4X 512-M, 6X 519-M, 6X 526-S, 7X			
				8	6X 526-M, 6X 537-M, 8X 555-M			
				10	8X 555-S			
		Potis	[mm]	50	1X, 2X 51.5-S			
				75	2X 5(2.2, 3)-S, 3X-(S, M)			
				100	3X-L, 4X 512-S, 6X 519-S			
				150	4X 512-M, 6X 519-M, 6X 526-S, 7X			
				200	6X 526-M, 6X 537-M, 8X 555-M			
				250	8X 555-S			
Materijali					Standardna verzija		L materijal indeks verzija	
				Kučište	Aluminijum (do 8 kW) Čelik (preko 12 kW)		EN 1.4401	
	Radno kolo			Poboljšani EN 1.4006				
	Usisna rešetka	EN 1.4301		EN 1.4401				
	Vratilo	EN 1.4057						
	Mehanički zaptivač	Volfram Karbid/ Volfram Karbid / NBR (obe strane)		Silikon Karbid/ Silikon Karbid / Viton (obe strane)				
	Difuzor	NBR		EN 1.4401				
	O-prsten	NBR		Viton				
Primenjen standard ispitivanja			ISO 9906 Aneks A					

MOTOR	Asinhroni motor sa kaveznim rotorom	
	Monofazni	Trofazni
	2 4	1X ÷ 7X 8X
	2800 1400	1X ÷ 7X 8X
	H	
	IP 68	
	1.5 ÷ 2.2 2 ÷ 3	1 ÷ 55 1.3 ÷ 75
	50	
	230 ±6%	400 ±6%
	DOL	DOL
MOTOR	do 8 kW	DOL
	12 kW i preko	/
	Y/Δ DOL (opciono)	
	Ugrađena termalna sonda – Zaštitu obezbeđuje korisnik	
	Aluminijum EN 1.4401 (L materijal indeks verzija)	
	H07RN-F	
	20	
	1 (osim kod 1X)	
	Videti stranice 400 - 401	
	Dva jednoređa kuglična ležaja	
MOTOR	do 7.5 kW	Jednoređi kuglični ležaj (gornji)
	8 kW i preko	Dvoređi kuglični ležaj sa kosim dodirom (donji)



Model (*)		P ₂		Kapacitet (protok)													
				l/min 0	50	100	150	200	250	300	350	400	450	480	550	600	650
Monofazne	Trofazne	kW	HP	m³/h 0	3	6	9	12	15	18	21	24	27	28,8	33	36	39
				Napor [m]													
-	1X 51-ST	1	1.3	15.6	15	14.1	13	11.9	10.3	8.7	6.7	4.4	-	-	-	-	-
-	1X 51.5-ST	1.5	2	16.3	15.8	15.2	14.6	13.8	12.9	11.8	10.5	9.2	7.6	6.7	4.3	2.5	-

Model (*)		P ₂		Kapacitet (protok)													
Monofazne	Trofazne	kW	HP	l/min 0	200	300	400	500	600	700	800	900	1000	1100	1200	1270	1400
				m³/h 0	12	18	24	30	36	42	48	54	60	66	72	76,2	84
				Napor [m]													
2X 51.5-S M-NC	-	1.5	2	17.9	15.8	14.3	12.6	10.4	8.0	-	-	-	-	-	-	-	-
2X 52.2-S M-NC	2X 52.2-S T	2.2	3	17.5	16.5	15.4	14.1	12.8	11.4	9.8	8.1	6.4	4.5	2.3	-	-	-
-	2X 53-ST	3	4	18.8	17.9	17.2	16.1	14.9	13.5	12.1	10.6	9.0	7.4	5.8	3.8	-	-

Model (*)		P ₂		Kapacitet (protok)													
				l/min 0	100	200	300	420	600	800	1050	1120	1150	1600	2130	2600	3000
Monofazne	Trofazne	kW	HP	m³/h 0	6	12	18	25,2	36	48	63	67,2	69	96	127,8	156	180
				Napor [m]													
-	3X 53.7-S T	3.7	5	42.5	36.4	31	24.8	-	-	-	-		-	-	-	-	-
-	3X 53.7-M T	3.7	5	19.8	-	18.1	17.4	16.6	14.8	12.4	8.7	7.4	-	-	-	-	-
-	3X 53.7-L T	3.7	5	13.3	-	-	13.1	13.0	12.7	12.2	11.0	10.8	10.6	8.0	-	-	-
-	3X 55.5-S T	5.5	7.5	42.5	40.3	38.6	36.8	33.1	25.3	15.4	-	-	-	-	-	-	-
-	3X 55.5-M T	5.5	7.5	26.6	-	25.1	24.3	23.3	21.8	20.0	17.6	17.0	16.7	12.2	6.0	-	-
-	3X 57.5-S T	7.5	10	44.5	42.5	41.5	39.4	36.8	30.7	23.2	-	-	-	-	-	-	-
-	3X 57.5-M T	7.5	10	24.0	-	-	22.9	22.2	21.4	20.6	19.6	19.3	19.1	16.2	12.0	7.7	-

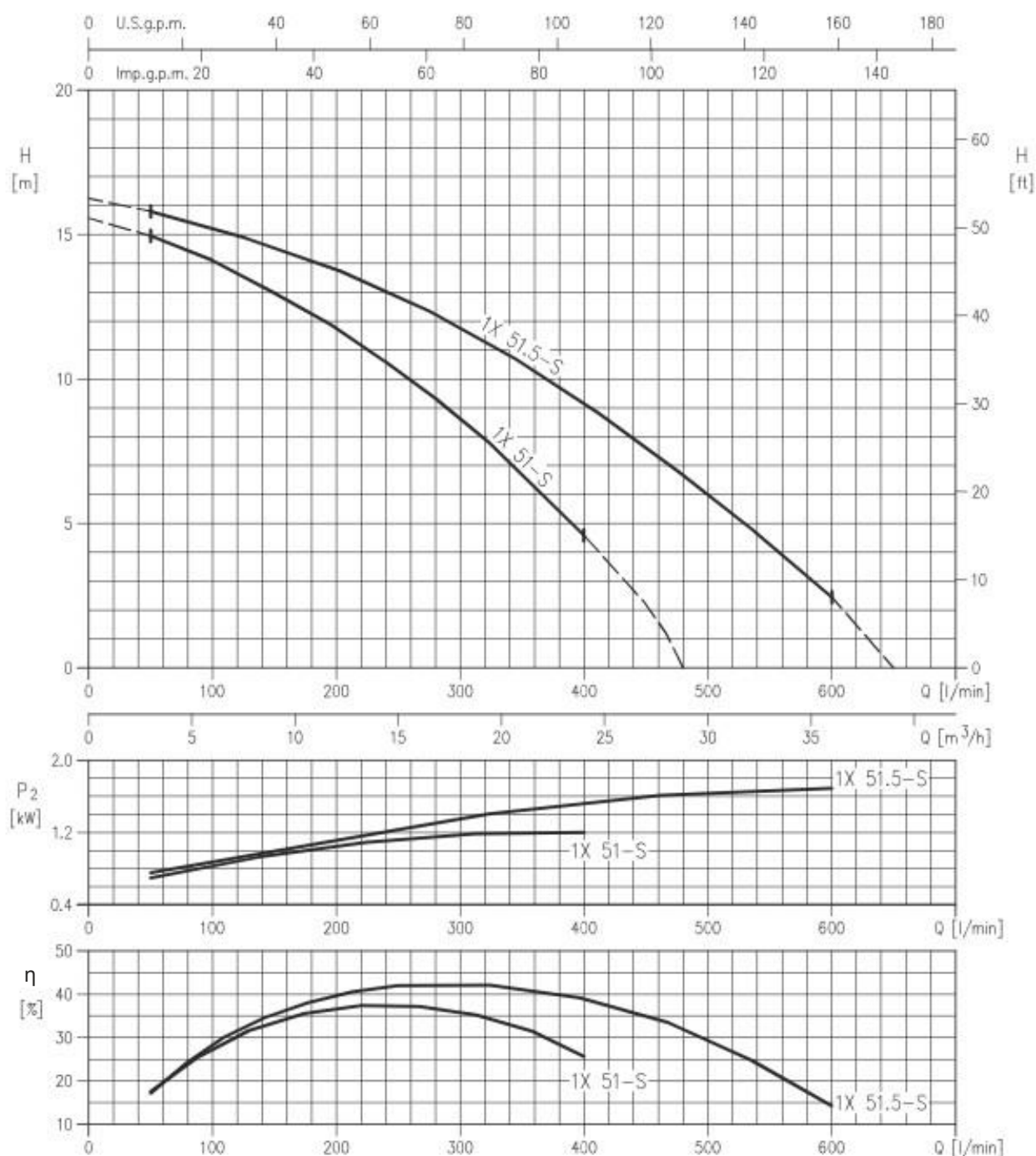
Model (*)		P ₂		Kapacitet (protok)													
				l/min0	200	400	600	800	1000	1250	1600	2000	2500	3000	3500	4000	4450
Monofazne	Trofazne	kW	HP	m³/h 0	12	24	36	48	60	75	96	120	150	180	210	240	267
				Napor [m]													
-	4X 512-S T-SD	12	16	64.5	58.5	53	45	37.5	28.8	15.6	-	-	-	-	-	-	-
-	4X 512-M T-SD	12	16	33.2	-	31.4	30.1	28.7	27.3	25.2	22.8	18.8	14.7	10	4.7	-	-

Model (*)		P ₂		Kapacitet (protok)													
				l/min0	500	1000	1500	2170	2280	3000	3750	4500	5250	6000	7100	8000	8600
Monofazne	Trofazne	kW	HP	m³/h 0	30	60	90	130,2	136,8	180	225	270	315	360	426	480	516
				Napor [m]													
-	6X 519-S T-SD	19	25	77	70.5	61.5	49	27	-	-	-	-	-	-	-	-	-
-	6X 519-M T-SD	19	25	39	37.3	33.4	30.6	27.1	26.5	21.8	17	11.2	5.5	-	-	-	-
-	6X 526-S T-SD	26	35	82.5	73.5	63.5	50	14	-	-	-	-	-	-	-	-	-
-	6X 526-M T-SD	26	35	43.5	41	38.5	35.8	32.2	31.6	28.3	25.1	21.7	17.7	12.8	-	-	-
-	6X 537-M T-SD	37	50	43	-	38.1	36	32.9	32.4	29.5	27.4	25.6	23.5	20.8	13.5	-	-

Model (*)		P ₂		Kapacitet (protok)													
				l/min0	400	800	1200	1500	1800	2100	2400	2700	3000	3300	3600	3900	4200
Monofazne	Trofazne	kW	HP	m³/h 0	24	48	72	90	108	126	144	162	180	198	216	234	252
				Napor [m]													
-	7X 537-S-T-SD	37	50	88	-	82.5	78	74	69	64.5	58	52	47	36.3	-	-	-

Model (*)		P ₂		Kapacitet (protok)													
Monofazne	Trofazne	kW	HP	l/min0	750	1500	2250	3000	3750	5000	6375	8000	10000	12000	14000	16000	17500
				m³/h 0	45	90	135	180	225	300	382,5	480	600	720	840	960	1050
				Napor [m]													
-	8X 555-S T-SD	55	75	34,07	-	31,79	30,87	30,06	29,23	28,17	26,90	24,88	21,5	17,7	13,02	7,23	-
-	8X 555-M T-SD	55	75	57,32	56,48	54,82	52,35	48,42	43,8	34,01	20	-	-	-	-	-	-

1X 51-S (1kW)
1X 51.5-S (1.5kW)

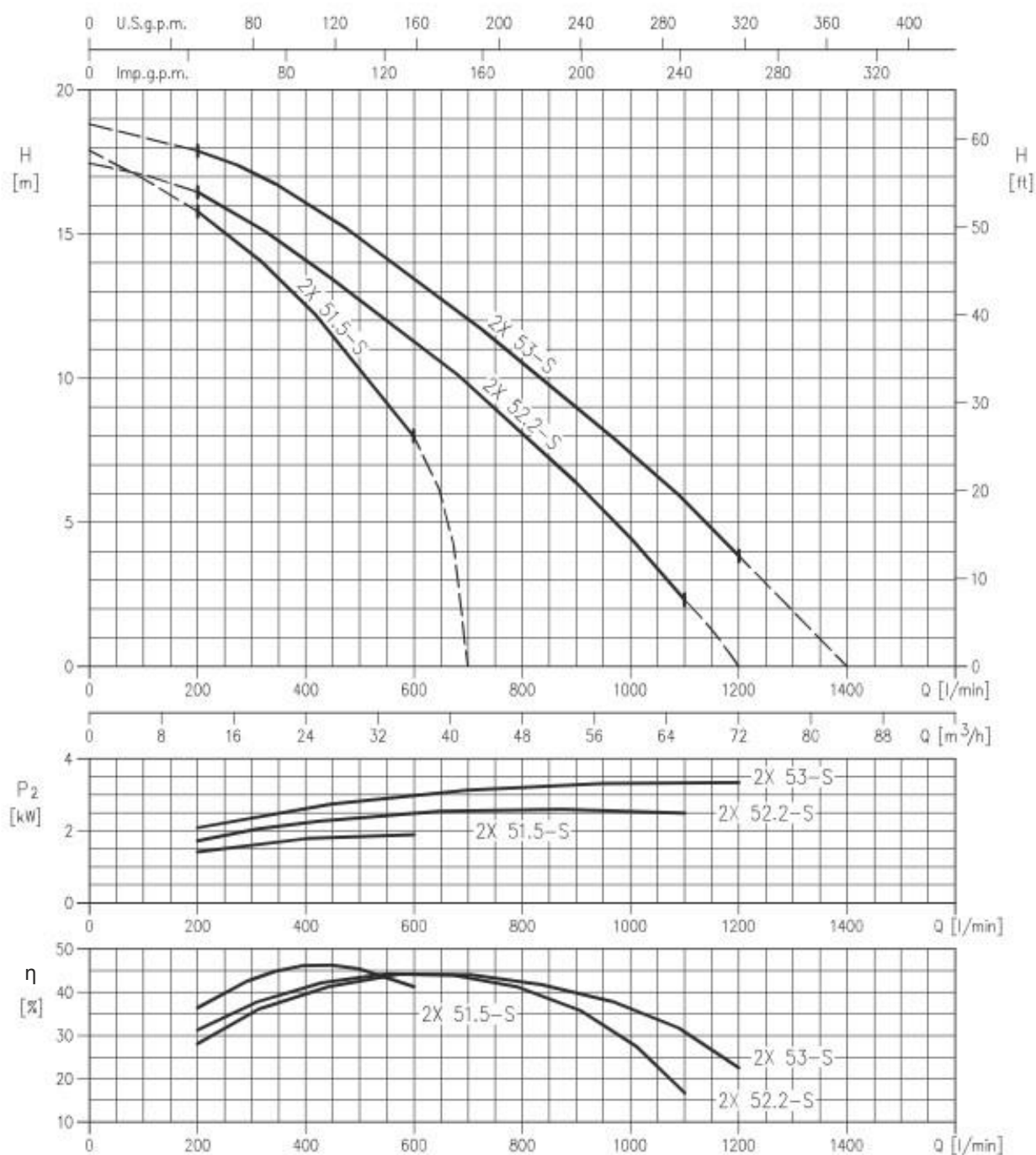


Brzina obrtanja $\approx 2850 \text{ min}^{-1}$
Ispitano po standardu: ISO 9906 - Aneks A

2X 51.5-S (1.5kW)

2X 52.2-S (2.2kW)

2X 53-S (3kW)

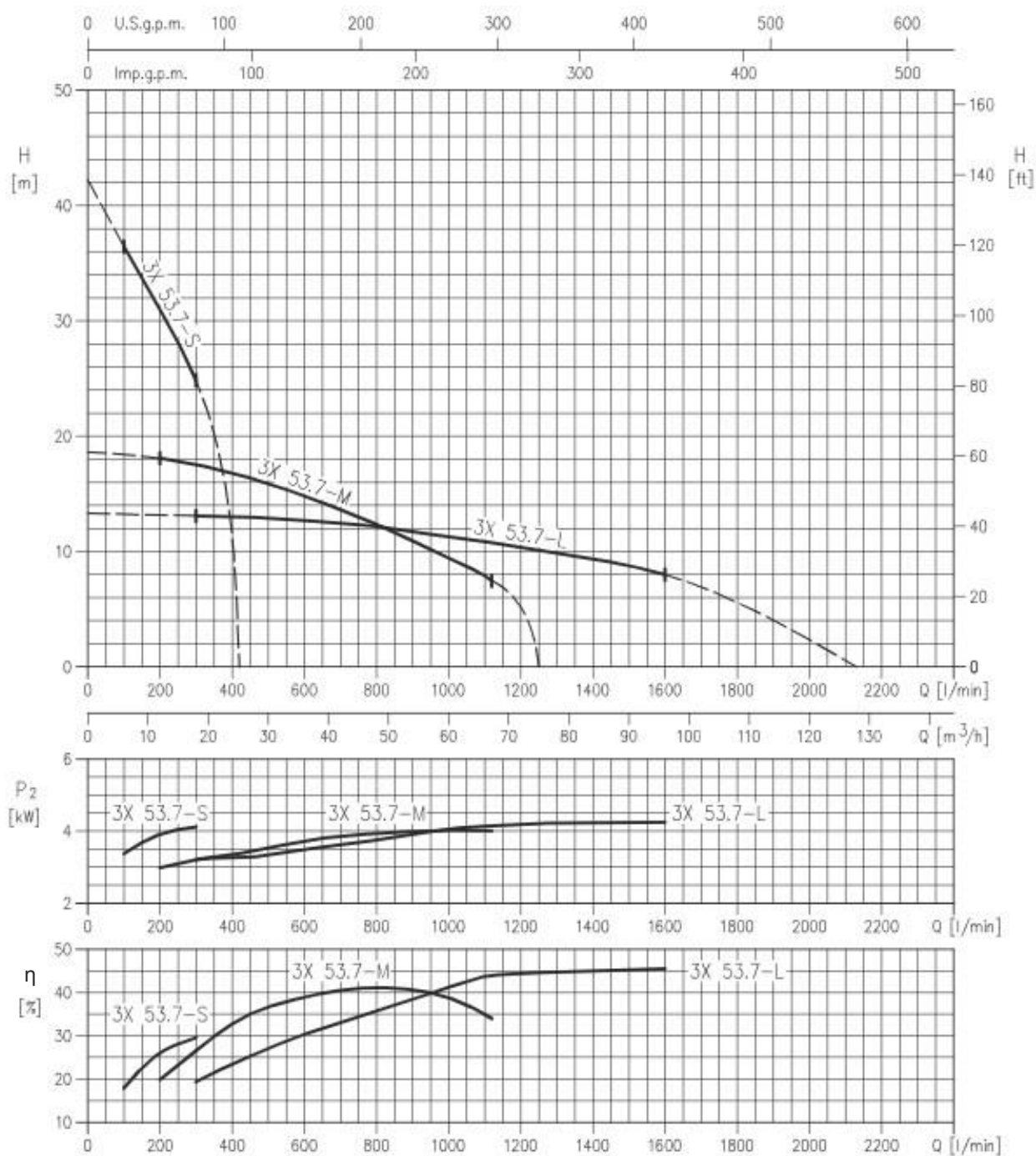


Brzina obrtanja $\approx 2850 \text{ min}^{-1}$
Ispitano po standardu: ISO 9906 - Aneks A

3X 53.7-S (3.7kW)

3X 53.7-M (3.7kW)

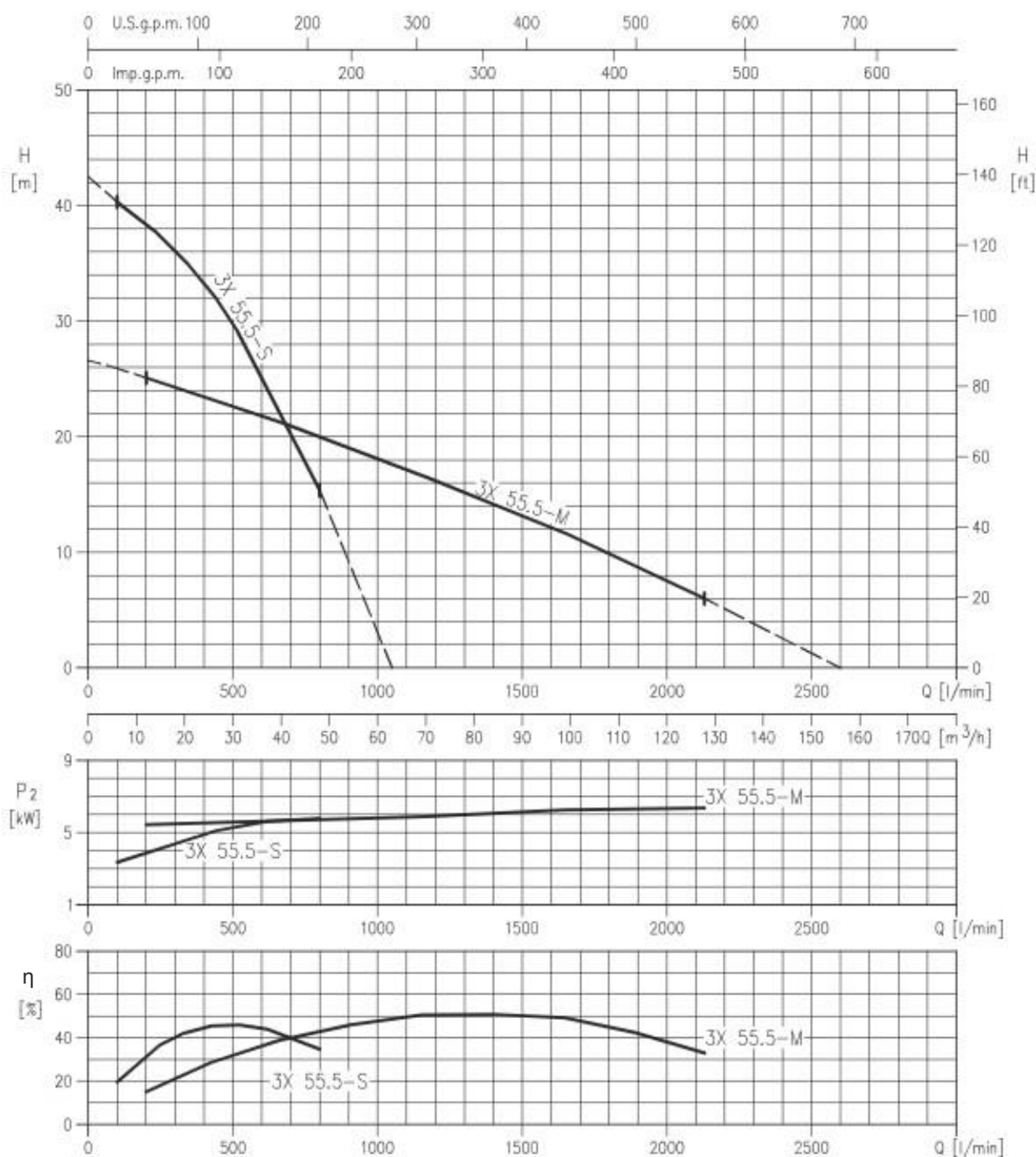
3X 53.7-L (3.7kW)



Brzina obrtanja ≈ 2850 min⁻¹
 Ispitano po standardu: ISO 9906 - Aneks A

3X 55.5-S (5.5kW)

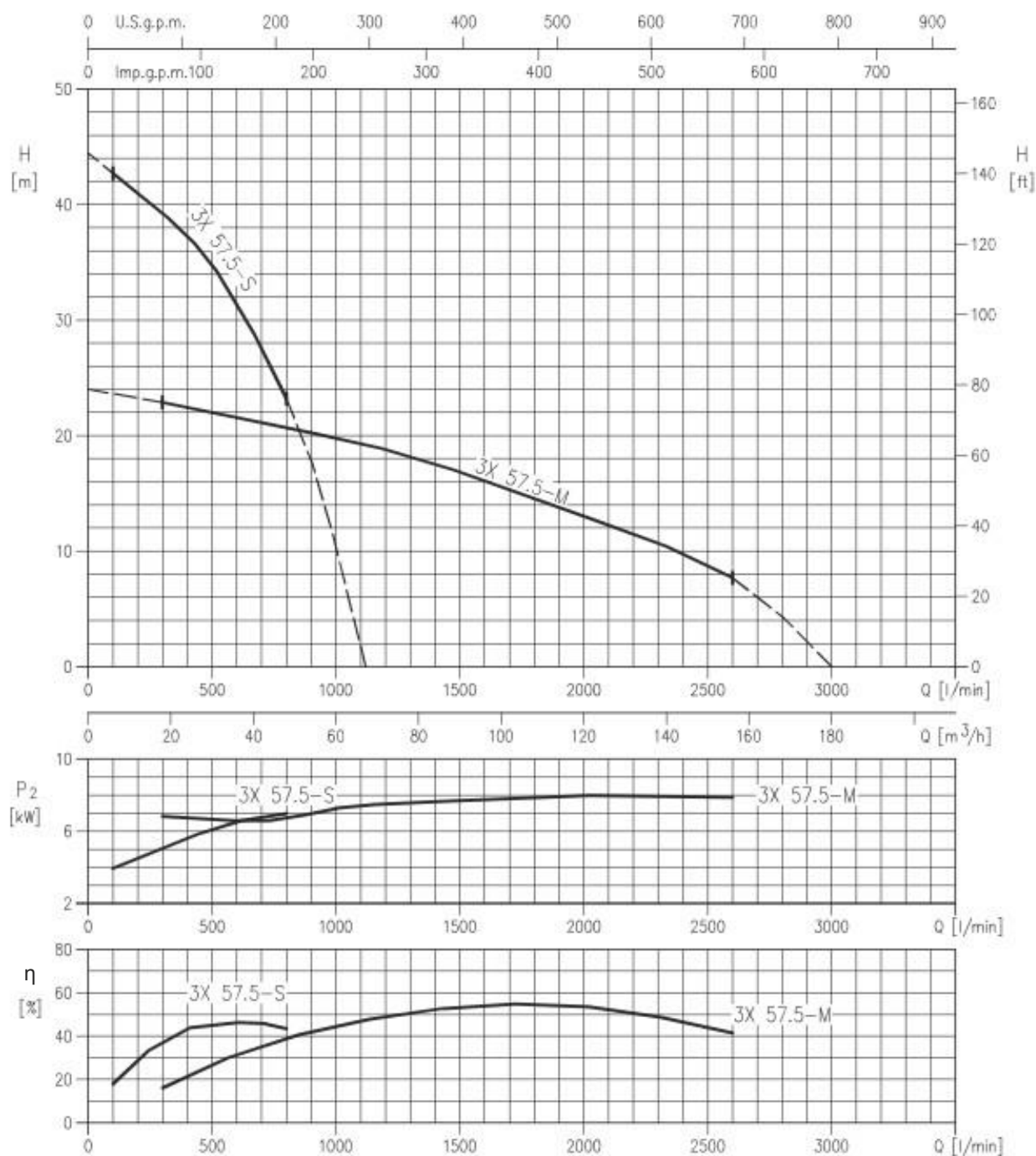
3X 55.5-M (5.5kW)



Brzina obrtanja $\approx 2850 \text{ min}^{-1}$
Ispitano po standardu: ISO 9906 - Aneks A

3X 57.5-S (7.5kW)

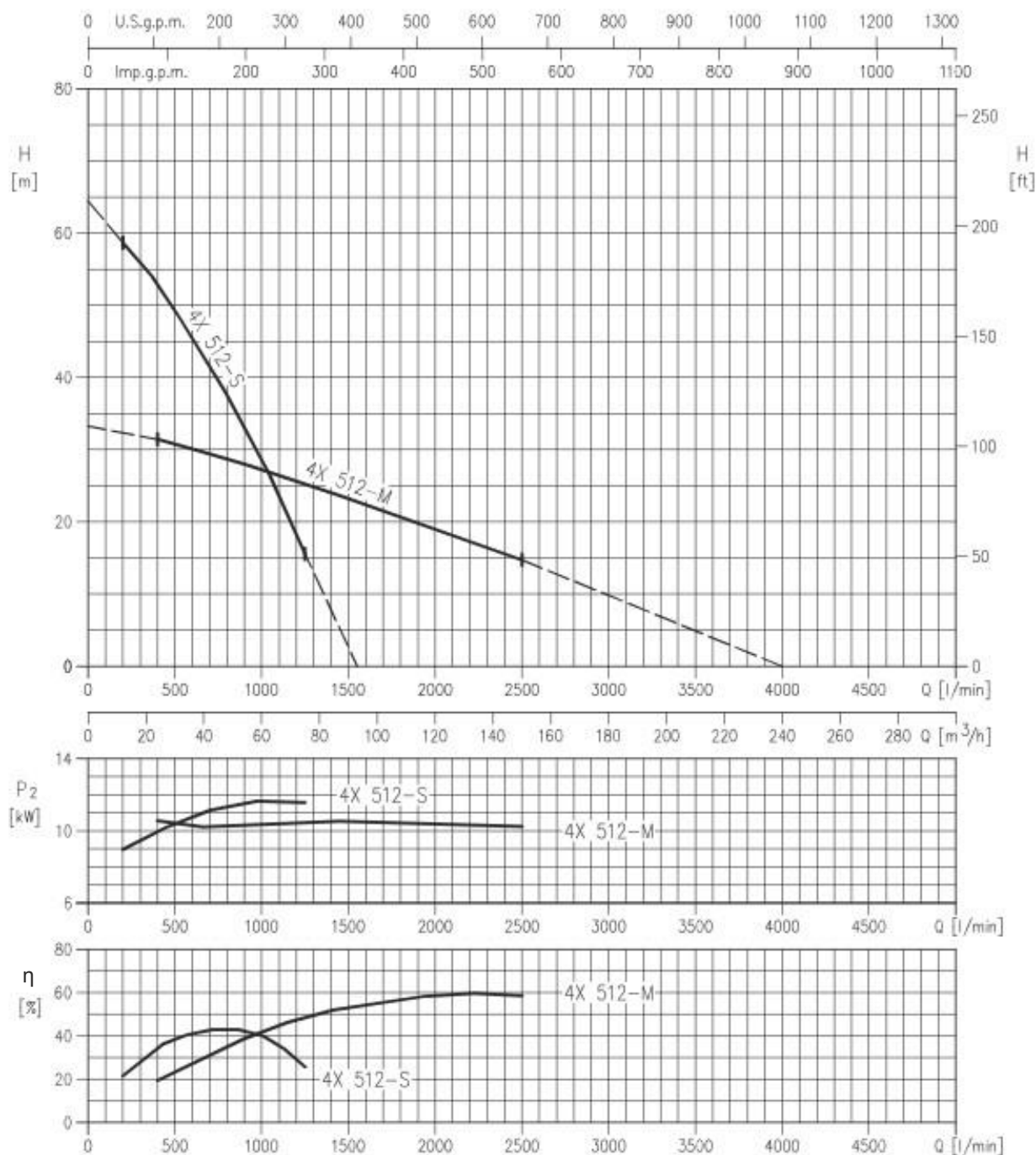
3X 57.5-M (7.5kW)



Brzina obrtanja $\approx 2850 \text{ min}^{-1}$
Ispitano po standardu: ISO 9906 - Aneks A

4X 512-S (12kW)

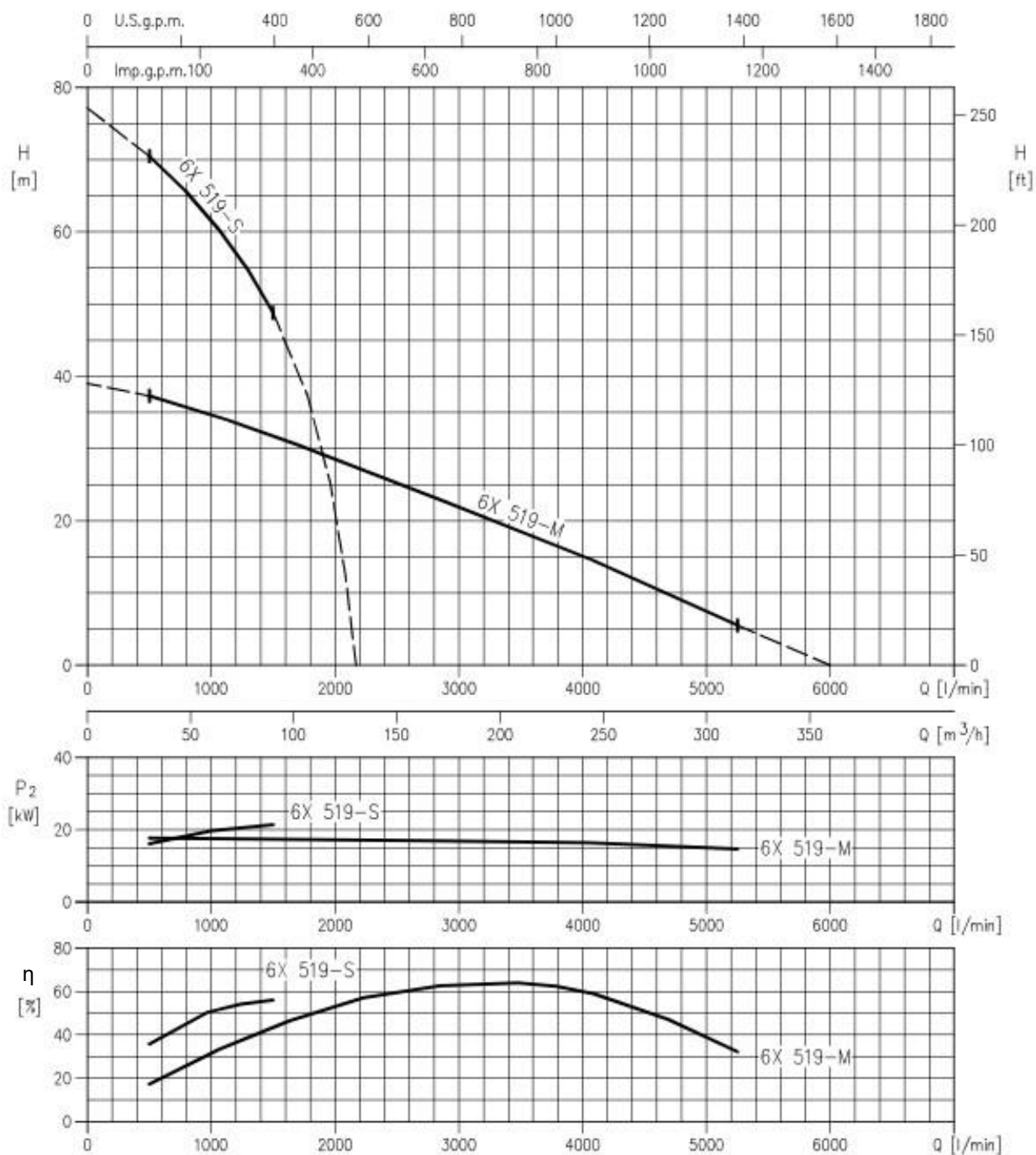
4X 512-M (12kW)



Brzina obrtanja $\approx 2850 \text{ min}^{-1}$
Ispitano po standardu: ISO 9906 - Aneks A

6X 519-S (19kW)

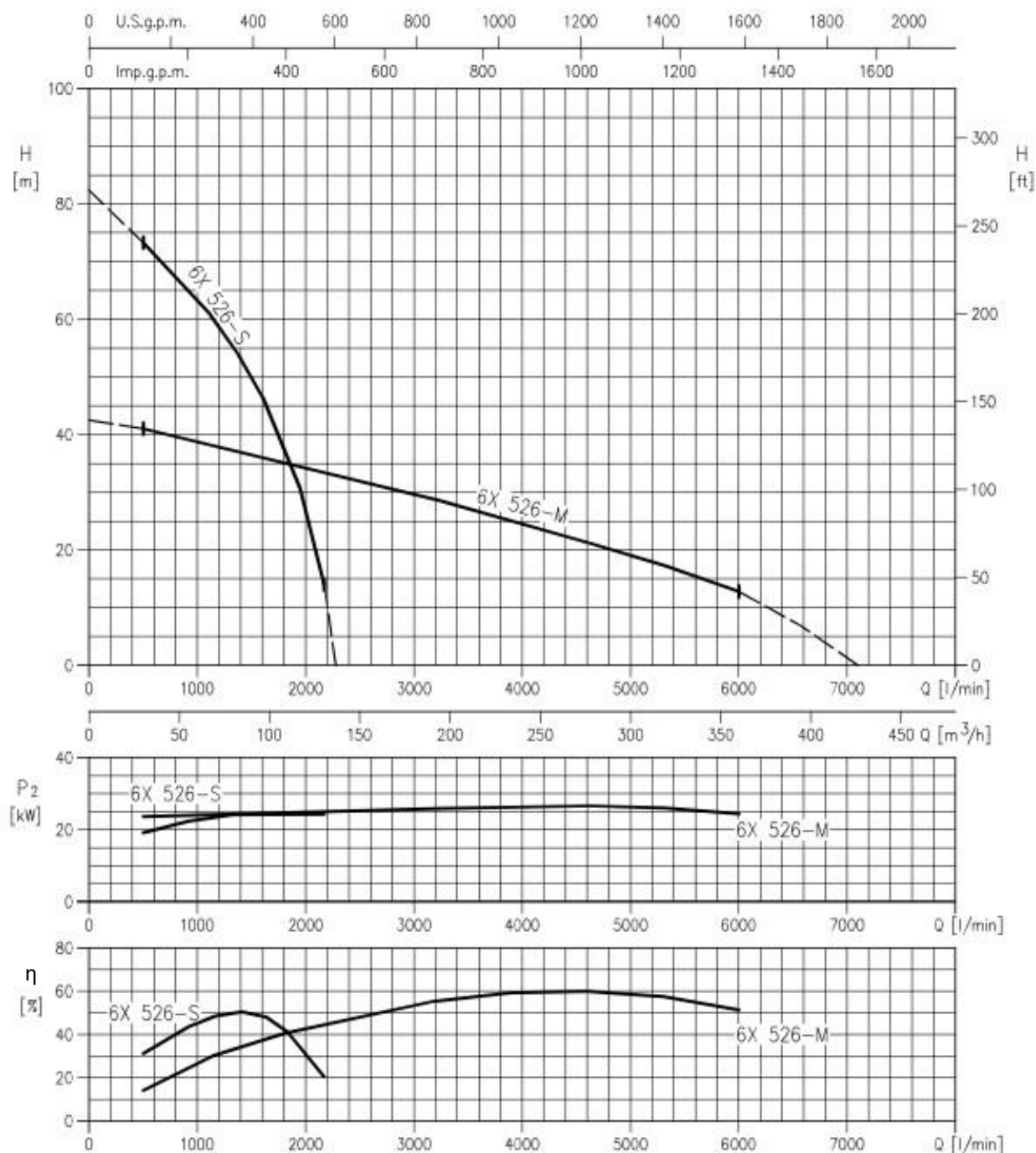
6X 519-M (19kW)



Brzina obrtanja $\approx 2850 \text{ min}^{-1}$
Ispitano po standardu: ISO 9906 - Aneks A

6X 526-S (26kW)

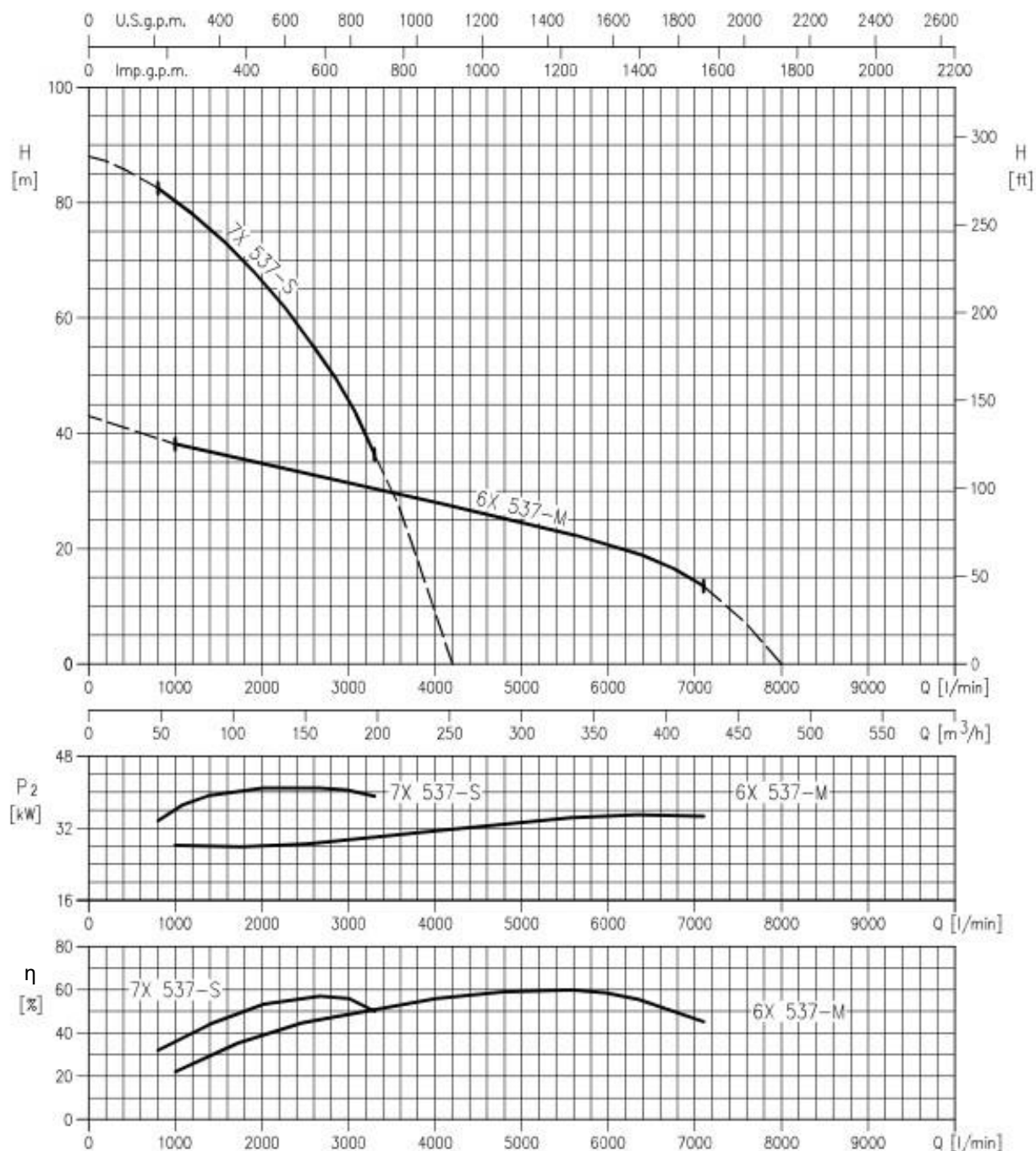
6X 526-M (26kW)



Brzina obrtanja $\approx 2850 \text{ min}^{-1}$
Ispitano po standardu: ISO 9906 - Aneks A

6X 537-M (37kW)

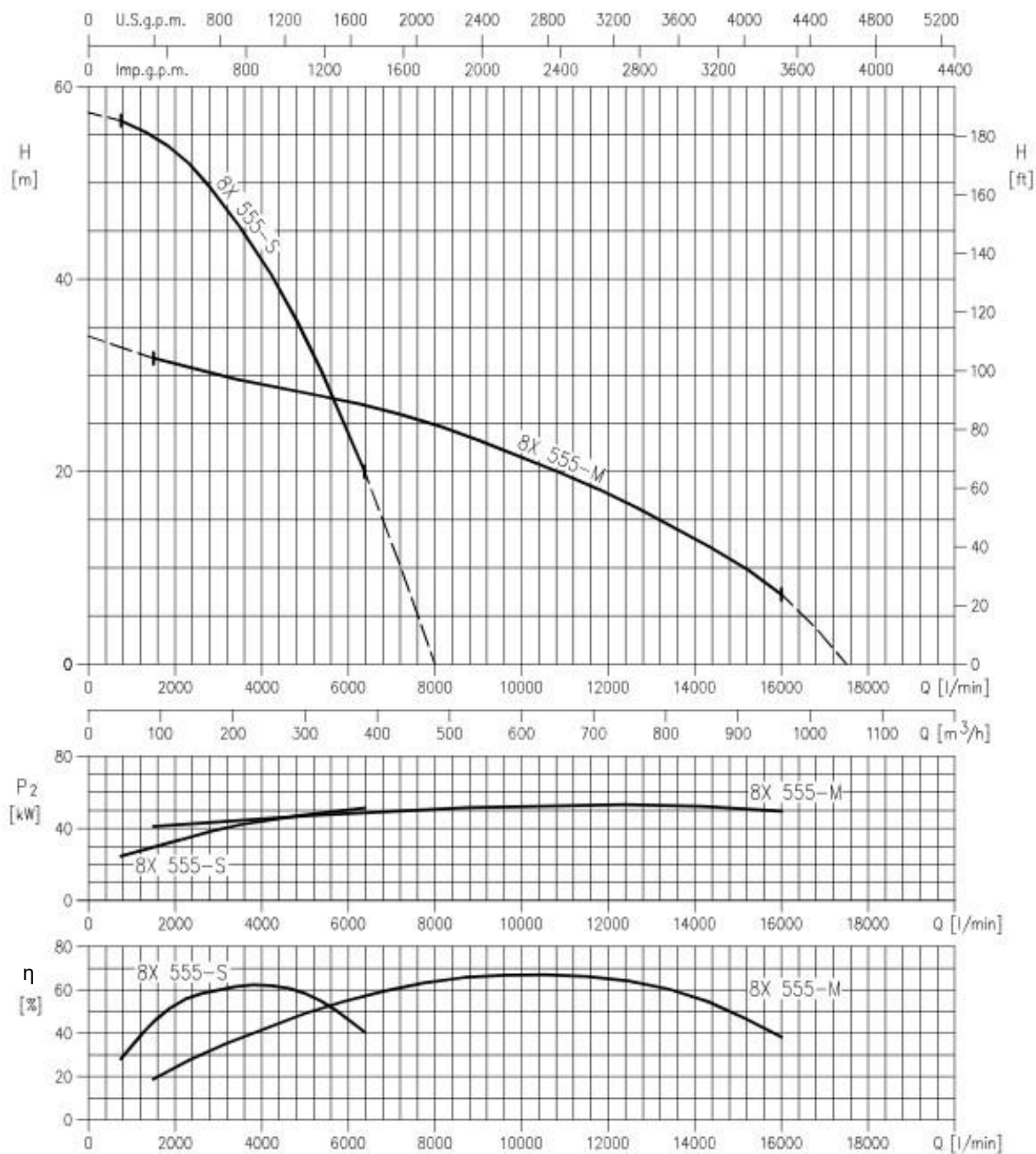
7X 537-S (37kW)



Brzina obrtanja $\approx 2850 \text{ min}^{-1}$
Ispitano po standardu: ISO 9906 - Aneks A

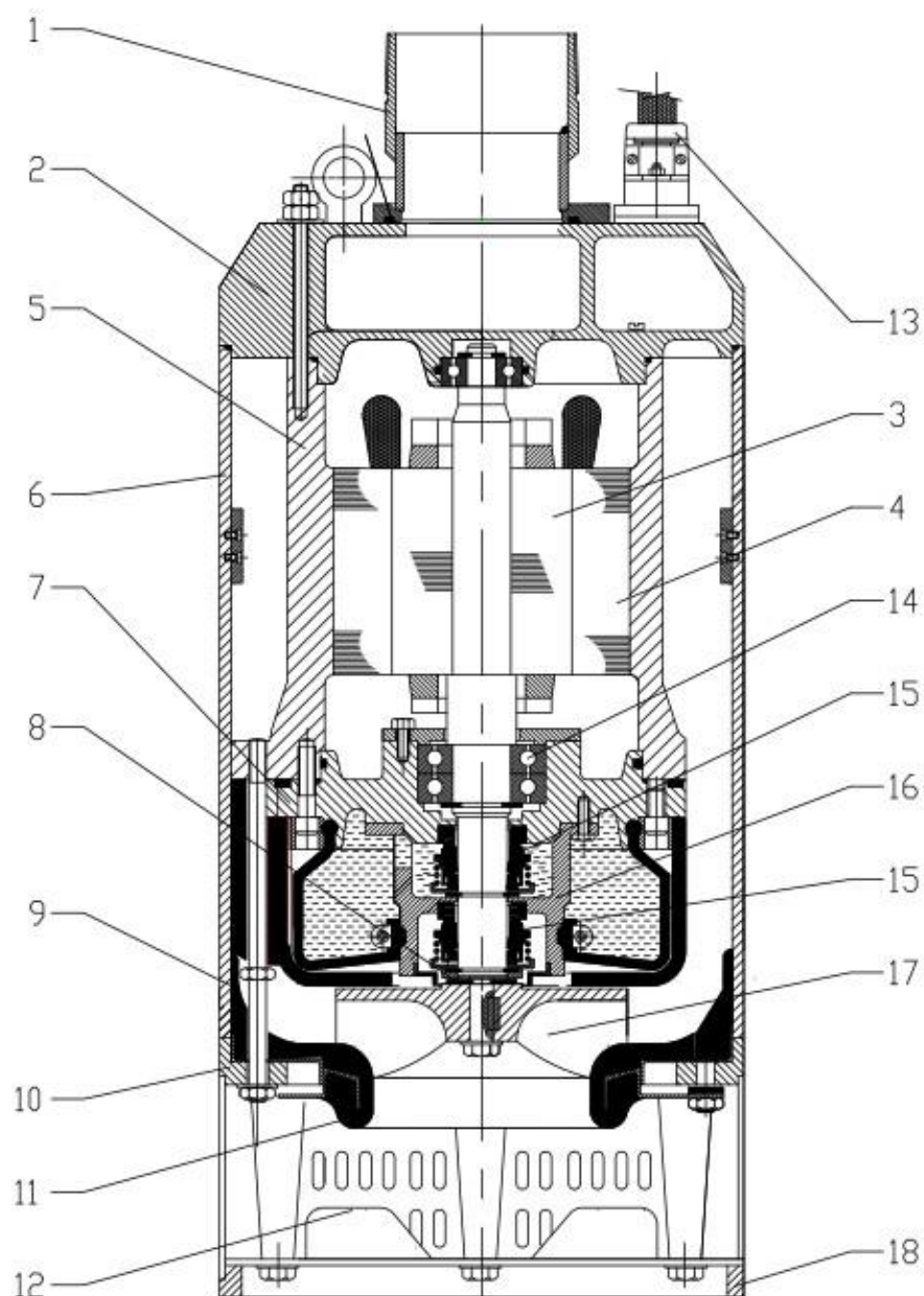
8X 555-S (55kW)

8X 555-M (55kW)



Brzina obrtanja $\approx 1400 \text{ min}^{-1}$
Ispitano po standardu: ISO 9906 - Aneks A

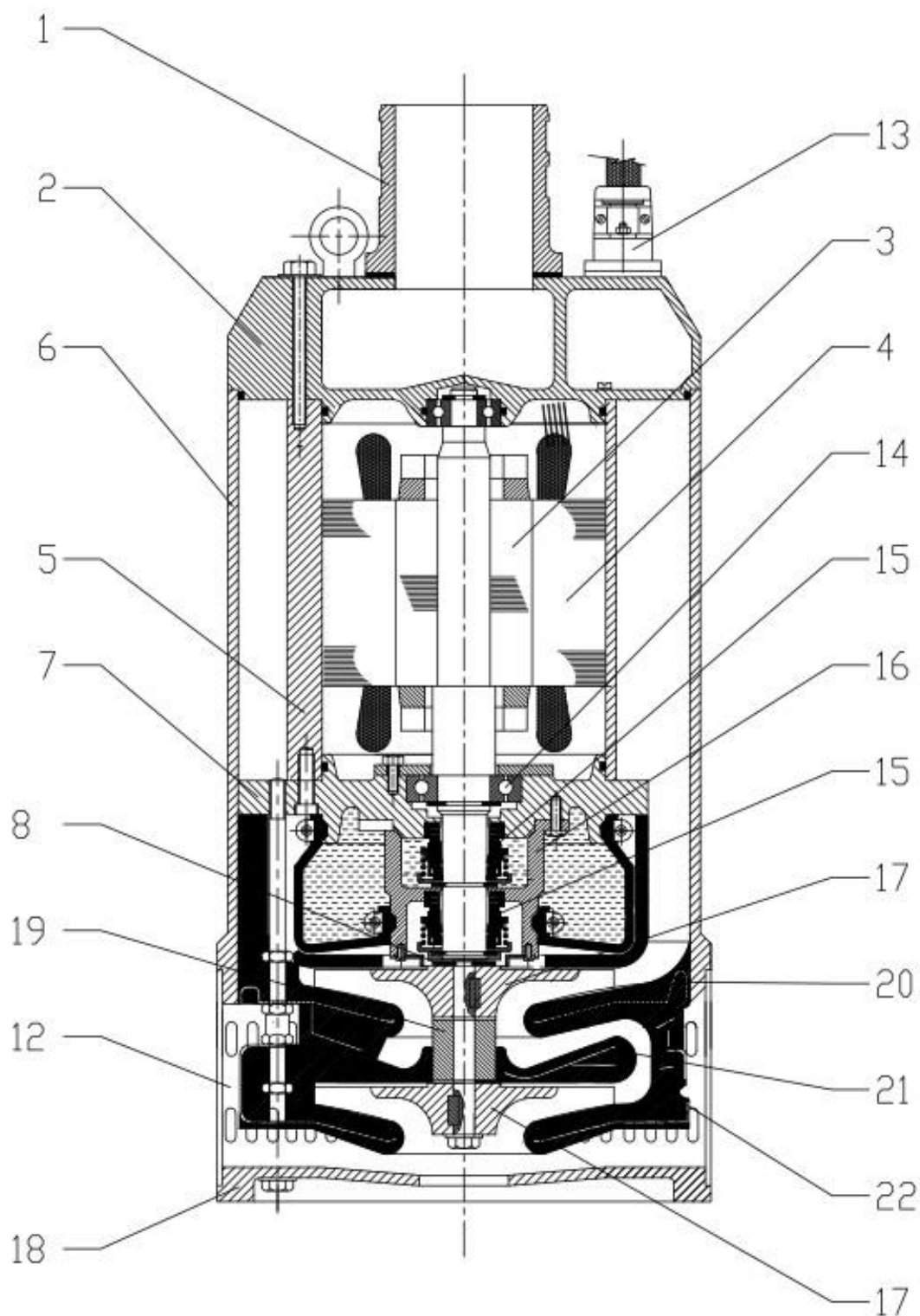
UZDUŽNI PRESEK ZA MODELE 1X, 2X, 3X (osim -S modela), 4X, 6X, 7X. 8X



DELOVI PUMPE U PRESEKU ZA 1X, 2X, 3X (osim -S modela), 4X, 6X, 7X, 8X

N°	NAZIV DELA	Kol.
1	IZLAZNI OTVOR	1
2	GORNJI NOSAČ	1
3	ROTOR	1
4	STATOR	1
5	KUĆIŠTE STATORA	1
6	SPOLJAŠNJE KUĆIŠTE	1
7	NOSAČ DONJEG LEŽAJA	1
8	ODSTOJNIK ZA PODEŠAVANJE	PO POTREBI
9	PRSTEN DIFUZORA	1
10	DRŽAČ DIFUZORA	1
11	CENTRALIZER DIFUZORA	1
12	REŠETKA	1
13	UVODNIK KABLA	1
14	DONJI LEŽAJ	1 SET
15	MEHANIČKI ZAPTIVAČ	2
16	KUĆIŠTE ZAPTIVAČA	1
17	RADNO KOLO	1
18	POSTOLJE	1

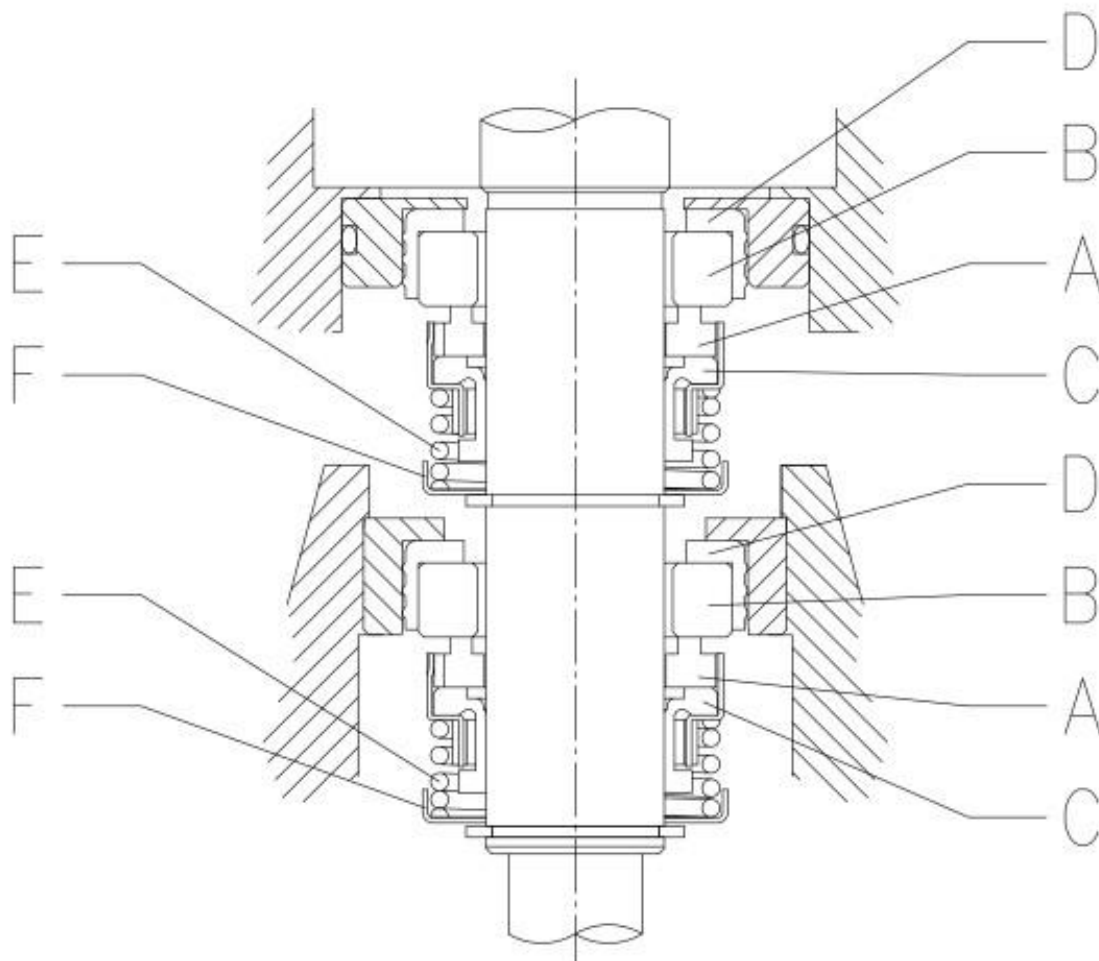
UZDUŽNI PRESEK ZA MODELE 3X (53.7, 55.5, 57.5)-S



DELOVI PUMPE U PRESEKU ZA 3X (53.7, 55.5, 57.5)-S

N°	NAZIV DELA	Kol.
1	IZLAZNI OTVOR	1
2	GORNJI NOSAČ	1
3	ROTOR	1
4	STATOR	1
5	KUĆIŠTE STATORA	1
6	SPOLJAŠNJE KUĆIŠTE	1
7	NOSAČ DONJEG LEŽAJA	1
8	ODSTOJNIK ZA PODEŠAVANJE	PO POTREBI
12	REŠETKA	1
13	UVODNIK KABLA	1
14	DONJI LEŽAJ	1
15	MEHANIČKI ZAPTIVAČ	2
16	KUĆIŠTE ZAPTIVAČA	1
17	RADNO KOLO	2
18	POSTOLJE	1
19	RUKAVAC VRATILA	1
20	DIFUZOR (GORNJI)	1
21	VODEĆA PLOČA	1
22	DIFUZOR (DONJI)	1

MEHANIČKI ZAPTIVAČ

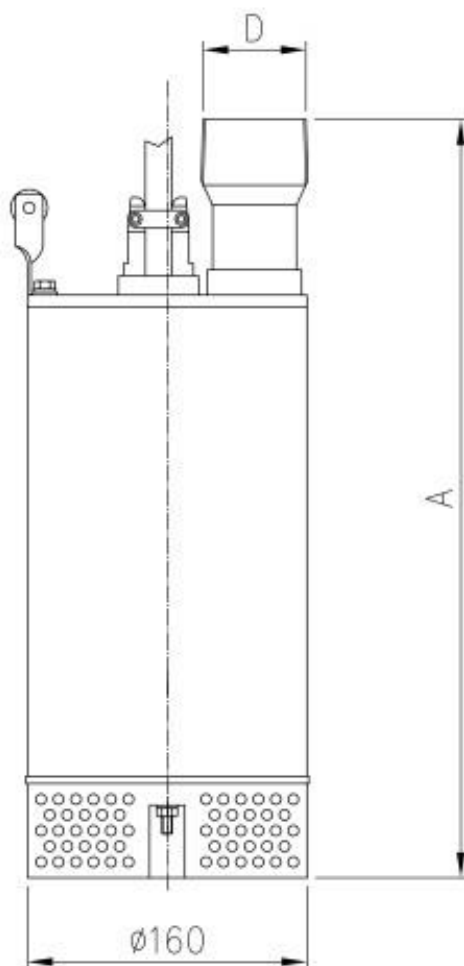


POZ	NAZIV DELA	MATERIJAL	
		Standard	L verzija
A	Rotirajući prsten	Volfram Karbid	Silikon Karbid
B	Stacionarni prsten	Volfram Karbid	Silikon Karbid
C	Zaptivka	NBR	Viton
D	Zaptivka	NBR	Viton
E	Opruga	Nerđajući čelik	Nerđajući čelik
F	Ram	Nerđajući čelik	Nerđajući čelik

LEŽAJEVI

Pumpa	ležaj	
	gornji	donji
1X 51-S T	6203 ZZ	6303 ZZ
1X 51.5-S T	6203 ZZ	6303 ZZ
2X 51.5-S M-NC	6203 ZZ	6206 ZZ
2X 52.2-S T	6203 ZZ	6206 ZZ
2X 52.2-S M-NC	6203 ZZ	6206 ZZ
2X 53-S T	6203 ZZ	6206 ZZ
3X 53.7-L T	6304 ZZ	6306 ZZ
3X 53.7-M T	6304 ZZ	6306 ZZ
3X 53.7-S T	6304 ZZ	6306 ZZ
3X 55.5-M T	6304 ZZ	6306 ZZ
3X 55.5-S T	6304 ZZ	6306 ZZ
3X 57.5-M T	6304 ZZ	6306 ZZ
3X 57.5-S T	6304 ZZ	6306 ZZ
4X 512-M T-SD	6305 ZZ	7308 BEC/BJ
4X 512-S T-SD	6305 ZZ	7308 BEC/BJ
6X 519-M T-SD	6305 ZZ	7310 BEC/BJ
6X 519-S T-SD	6305 ZZ	7310 BEC/BJ
6X 526-M T-SD	6306 ZZ	7310 BEC/BJ
6X 526-S T-SD	6306 ZZ	7310 BEC/BJ
6X 537-M T-SD	6306 ZZ	7310 BEC/BJ
7X 537-S T-SD	6306 ZZ	7311 BEC/BJ
8X 555-M T-SD	6312 ZZ	3316 BEC/BJ
8X 555-S T-SD	6312 ZZ	3316 BEC/BJ

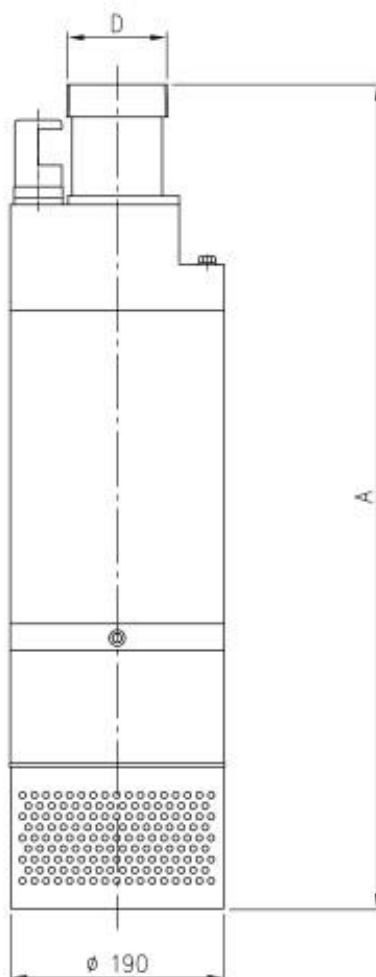
PUMPA 1X



Model	A [mm]	Dimenzije		Masa [kg]
		ØD [inch]	d* [mm]	
1X 51-ST	420	2	1.5	21
1X 51.5-ST	432			23

* = Diametar pop. preseka kabla

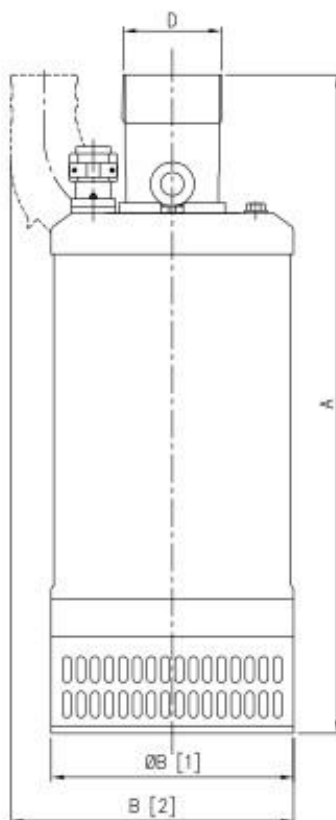
PUMPA 2X



Model	Dimenzije			Masa [kg]
	A [mm]	ØD [inch]	d* [mm]	
2X 51.5-SM-NC	667	2	1.5	39
2X 52.2-ST	667	3		37
2X 52.2-SM-NC	725			45
2X 53-ST	700			42

* = Diametar pop. preseka kabla

PUMPE 3X, 4X, 6X, 7X, 8X SERIJE



Model	Dimenzije					Masa [kg]
	A [mm]	B [mm]		D [inch]	d* [mm]	
		(X = 0, 0L verzija) [1]	(X = 1 verzija) [2]			
3X 53.7-L T	640	Ø276	330	4	2.5	49
3X 53.7-M T				3		47
3X 53.7-S T				3		60
3X 55.5-M T	725			4	4	62
3X 55.5-S T				3		67
3X 57.5-M T	750			-		4
3X 57.5-S T			3			73
4X 512-M T	845	Ø360	405	6	6	132
4X 512-S T				4		147
6X 519-M T	915	Ø400	455	6		205
6X 519-S T				4		210
6X 526-M T	1029		508	8		255
6X 526-S T				6		260
6X 537-M T	1055		-	8		275
7X 537-S T		Ø440	-	6		410
8X 555-M T	1538	Ø776	-	6		630
8X 555-S T				10		

*: Cable diameter