



# Hy Drop

water for life

## 4HDP 60Hz

4" Submersible pumps  
4" Pompe sommerse



# 4HDP

## 4" SUBMERSIBLE PUMPS



The 4HDP submersible pump is to meet the highest standards of performance, reliability, and ease of maintenance, making it an ideal choice for various water pumping applications.

4HDP pump has the following technical features:

- **ROBUSTNESS**  
Built to withstand demanding conditions, ensuring long-term durability.
- **RELIABILITY**  
Provides consistent performance and operates reliably under various circumstances.
- **EASY MAINTENANCE**  
Designed for hassle-free maintenance to minimize downtime and ensure continuous operation.
- **STAINLESS STEEL AISI 304 SUPPORTS**  
Utilizes stainless steel AISI 304 supports for enhanced corrosion resistance and structural integrity
- **INDEPENDENT FLOATING IMPELLER**  
Equipped with an independent floating impeller design for efficient pumping performance
- **LOW AXIAL LOAD ON MOTOR**  
Minimizes axial load on the motor, contributing to prolonged motor lifespan
- **DRY OPERATION CAPABILITY**  
Capable of functioning even in dry conditions without deterioration
- **TOP CASING**  
threaded with 1"1/4 G for radial models and 2" for semi-axial models.
- **BUILT-IN CHECK VALVE**  
Incorporates a check valve, excluding the 17 series, for improved efficiency.
- **ANTI-CLOCKWISE ROTATION**  
Rotates anti-clockwise when viewed from the discharge port.
- **CONTINUOUS OPERATION**  
Suitable for continuous operation without compromising performance.
- **SUITABLE FOR CLEAN AND NON-AGGRESSIVE WATER**  
Ideal for applications involving clean and non-aggressive water sources.



# 4HDP

## 4" POMPE SOMMERSE



La pompa sommersa 4HDP è progettata per soddisfare i più elevati standard di prestazioni, affidabilità e facilità di manutenzione, rendendola una scelta ideale per varie applicazioni di pompaggio dell'acqua.

La pompa 4HDP presenta le seguenti caratteristiche tecniche:

### — ROBUSTEZZA

Costruita per resistere a condizioni impegnative, garantendo durata nel tempo.

### — AFFIDABILITÀ

Fornisce prestazioni costanti e funziona in modo affidabile in varie circostanze.

### — FACILE MANUTENZIONE

Progettata per una manutenzione senza problemi per ridurre i tempi di inattività e garantire un funzionamento continuo

### — SUPPORTI IN ACCIAIO INOSSIDABILE AISI 304

Utilizza supporti in acciaio inossidabile AISI 304 per una maggiore resistenza alla corrosione e integrità strutturale

### — GIRANTE FLOTTANTE INDIPENDENTE

Dotata di un design di girante flottante indipendente per prestazioni di pompaggio efficienti

### — BASSO CARICO ASSIALE SUL MOTORE

Minimizza il carico assiale sul motore, contribuendo alla prolungata durata del motore.

### — CAPACITÀ DI FUNZIONAMENTO A SECCO

In grado di funzionare anche in condizioni di scarsità d'acqua senza deterioramento

### — BOCCA DI MANDATA

Filettata con 1";1/4 g per modelli radiali e 2" per modelli semiassiali

### — VALVOLA DI RITEGNO INCORPORATA

Incorpora una valvola di ritegno, esclusa la serie 17, per un'efficienza migliorata.

### — ROTAZIONE ANTIORARIA

Ruota in senso antiorario quando vista dal porto di mandata.

### — FUNZIONAMENTO CONTINUO

Adatta per un funzionamento continuo senza compromettere le prestazioni.

### — ADATTA PER ACQUA PULITA E NON AGGRESSIVA

Ideale per applicazioni che coinvolgono fonti d'acqua pulita e non aggressiva.



# 4HDP

## 4" SUBMERSIBLE PUMPS



4" Submersible pumps suitable for clean and not aggressive water and designed for water supply from 4" wells, tanks, irrigation and pressurization systems.



### OPERATING SPECIFICATIONS

Max. capacity: 27 m<sup>3</sup>/h

Max. head: 400 m

Max. power: 7.5 kW

Max. sand: 250 g/m<sup>3</sup>

Max. water temperature: 45°C

Starting per hour: 30

Mounting: Vertical and/or horizontal

Min. water level: 1 meter above aspiration

Recommended coupling: 4"

Independent floating impellers

### TECHNICAL SPECIFICATIONS

Pump flange: 4" Nema standard

External sleeve: AISI SS 304

Diffusers/Impellers: PA (polyamide)

Top casing: 1" ¼ G for radial models  
(P-1, P-2, P-3, P-4)

2" for semiaxial models  
(P-6, P-9, P-17)

Check valve: incorporated

**Kit 1 - CHECK VALVE**  
o-rings - (NBR)  
wing valve with cover - (SS 304)  
wing valve aligner - (POMc)  
support wing valve and seeger - (SS 304)

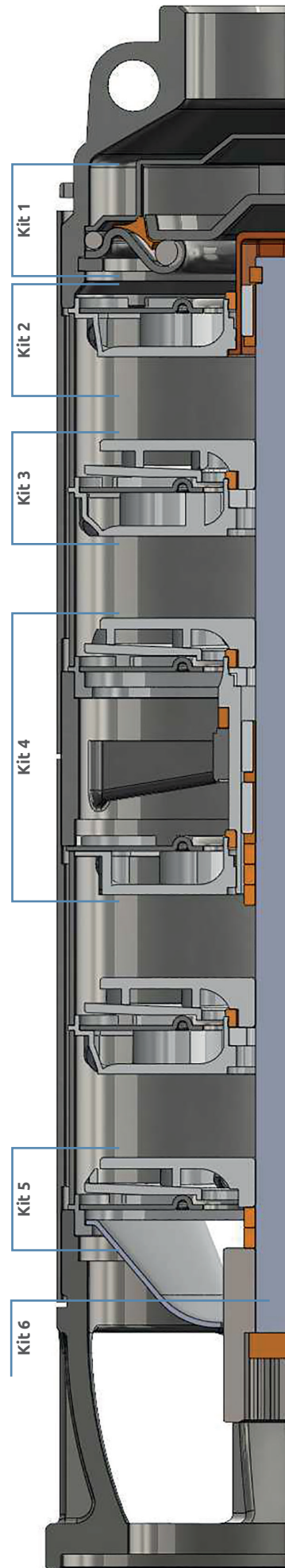
**Kit 2 - UPPER SUPPORT**  
complete diffuser with disk - (POMc+Al203+SS304)  
support bush with sleeve - (POMc+Al203)  
seeger - (Al203)

**Kit 3 - STAGE**  
complete diffuser with disk - (POMc+Al203+SS304)  
impeller / roue - (POMc)

**Kit 4 - INTERMEDIATE SUPPORT**  
complete diffuser with disk - (POMc+Al203+SS304)  
impeller / roue - (POMc)  
support bush with 2x sleeve - (POMc+Al203)  
intermediate support - (SS 304)

**Kit 5 - FIRST STAGE**  
center ring - (POMc)  
disk and grid - (SS 304)  
first impeller with spacers - (POMc)

**Kit 6 - SHAFT WITH COUPLING**  
shaft / arbre - (S431B)  
seeger with shock support - (POMc)  
coupling / accouplement - (SS 316L)

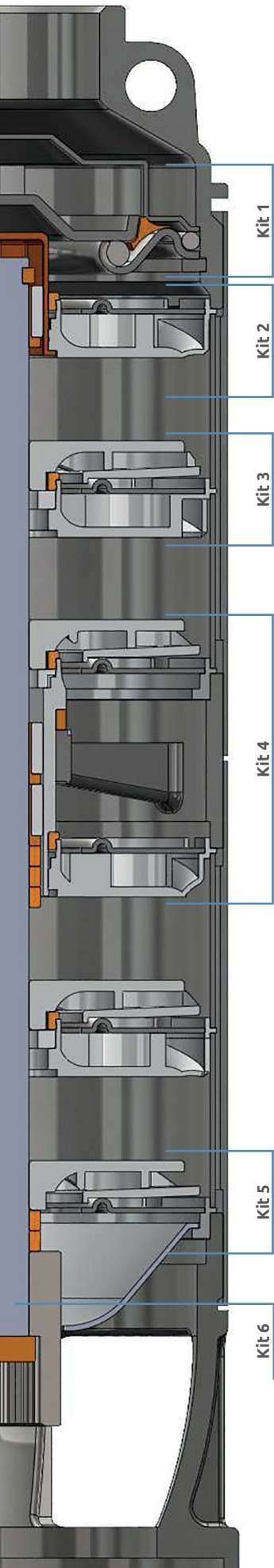


# 4HDP

## 4" POMPE SOMMERSE



*Pompe Sommerse 4" adatte ad acqua pulita e non aggressiva e progettate per l'approvvigionamento idrico da pozzi 4", vasche raccolta acqua, irrigazione e impianti di pressurizzazione*



### VALVOLA - Kit 1

o-rings - (NBR)  
otturatore e coperchio - (SS 304)  
guida otturatore - (POMc)  
appoggio otturatore a seeger - (SS 304)

Kit 1

### SUPPORTO SUPERIORE - Kit 2

diffusore completo con disco - (POMc+Al203+SS304)  
boccola e bussola - (POMc+Al203)  
seeger - (Al203)

Kit 2

### STADIO - Kit 3

diffusore completo con disco - (POMc+Al203+SS304)  
girante - (POMc)

Kit 3

### SUPPORTO INTERMEDIO - Kit 4

diffusore completo con disco - (POMc+Al203+SS304)  
girante - (POMc)  
boccola e 2x bussole - (POMc+Al203)  
supporto intermedio - (SS 304)

Kit 4

### PRIMO STADIO - Kit 5

anello centraggio - (POMc)  
disco e griglia - (SS 304)  
prima girante con distanziali - (POMc)

Kit 5

### ALBERO CON GIUNTO - Kit 6

albero - (S431B)  
seeger e appoggio - (POMc)  
giunto - (SS 316L)

Kit 6

### SPECIFICHE OPERATIVE

Capacità max.: 27 m<sup>3</sup>/h

Prevalenza max.: 400 m

Potenza max.: 7,5 kW

Contenuto di sabbia max.: 250 g/m<sup>3</sup>

Temperatura acqua max.: 45°C

Numero avviamenti orari max.: 30

Posizione di funzionamento: Verticale e/o orizzontale

Livello minimo d'acqua: 1 metro sopra l'aspirazione

Accoppiamento raccomandato: 4"

Giranti flottanti indipendenti

### SPECIFICHE TECNICHE

Flangia di accoppiamento: 4" Nema standard

Tubo esterno: Acciaio inossidabile 304

Diffusori/Giranti: PA (polyamide)

Bocca di mandata: 1" ¼ G per modelli radiali  
(P-1, P-2, P-3, P-4)

2" per modelli semiassiali  
(P-6, P-9, P-17)

Valvola di non ritorno: incorporata



# 4HDP

## OPERATING DATA 60Hz - 2 poles

Type	HP	kW	S.F.	m³/h																				Max	D. Size NPT	
				Usgpm	0	0,23	0,45	0,68	0,91	1,14	1,36	1,59	1,82	2,04	2,27	2,72	3,18	3,63	4,09	4,54	4,99	5,45	5,90			6,36
				Usgps	0	0,02	0,03	0,05	0,07	0,08	0,10	0,12	0,13	0,15	0,17	0,20	0,23	0,27	0,30	0,33	0,37	0,40	0,43			0,47
4HDP 5 12.60	0,5	0,37	1,60	405	391	370	344	314	276	226	160	74												4"	1"1/4	
4HDP 5 16.60	0,75	0,55	1,50	541	522	493	459	419	368	301	213	99												4"	1"1/4	
4HDP 5 20.60	1	0,75	1,40	676	652	616	574	524	460	376	266	124												4"	1"1/4	
4HDP 5 26.60	1,5	1,1	1,30	878	815	770	718	655	575	470	333	161												4"	1"1/4	
4HDP 5 34.60	2	1,5	1,25	1149	1108	1047	976	891	782	639	452	211												4"	1"1/4	
4HDP 5 46.60	3	2,2	1,15	1554	1500	1417	1320	1205	1058	865	612	285												4"	1"1/4	
4HDP 8 09.60	0,5	0,37	1,60	262			249	242	232	220	203	185	165	142	91									4"	1"1/4	
4HDP 8 11.60	0,75	0,55	1,50	350			305	296	284	268	249	226	201	174	111									4"	1"1/4	
4HDP 8 15.60	1	0,75	1,40	437			416	404	387	366	339	308	275	237	152									4"	1"1/4	
4HDP 8 20.60	1,5	1,1	1,30	612			554	538	516	488	452	410	366	316	202									4"	1"1/4	
4HDP 8 26.60	2	1,5	1,25	816			720	699	671	634	588	533	476	411	263									4"	1"1/4	
4HDP 8 35.60	3	2,2	1,15	1108			970	942	903	854	791	718	641	553	354									4"	1"1/4	
4HDP 8 46.60	4	3	1,15	1458			1274	1237	1187	1122	1040	943	842	727	465									4"	1"1/4	
4HDP 10 08.60	0,5	0,37	1,60	257					233	224	214	202	189	173	134	87								4"	1"1/4	
4HDP 10 11.60	0,75	0,55	1,50	353					320	308	294	278	260	238	185	120								4"	1"1/4	
4HDP 10 14.60	1	0,75	1,40	450					407	392	374	354	330	302	235	153								4"	1"1/4	
4HDP 10 19.60	1,5	1,1	1,30	610					553	532	507	481	448	410	319	207								4"	1"1/4	
4HDP 10 24.60	2	1,5	1,25	771					698	672	641	607	566	518	403	262								4"	1"1/4	
4HDP 10 32.60	3	2,2	1,15	1028					931	896	854	810	755	691	538	349								4"	1"1/4	
4HDP 10 42.60	4	3	1,15	1349					1222	1176	1121	1063	991	907	706	458								4"	1"1/4	
4HDP 10 51.60	5	3,7	1,15	1638					1484	1428	1362	1290	1204	1102	857	556								4"	1"1/4	
4HDP 10 54.60	5,5	4	1,15	1734					1571	1512	1442	1366	1274	1166	907	589								4"	1"1/4	
4HDP 12 005/07.60	0,5	0,37	1,60	216								188	181	173	164	142	116	85	50					4"	1"1/4	
4HDP 12 007/09.60	0,75	0,55	1,50	277								242	232	222	211	183	149	110	65					4"	1"1/4	
4HDP 12 010/11.60	1	0,75	1,40	339								295	284	272	257	223	183	134	79					4"	1"1/4	
4HDP 12 015/16.60	1,5	1,1	1,30	493								430	413	395	374	325	266	195	115					4"	1"1/4	
4HDP 12 020/20.60	2	1,5	1,25	617								537	516	494	468	406	332	244	144					4"	1"1/4	
4HDP 12 030/28.60	3	2,2	1,15	863								752	723	692	655	568	465	342	202					4"	1"1/4	
4HDP 12 040/36.60	4	3	1,15	1110								967	930	889	842	731	598	439	259					4"	1"1/4	
4HDP 12 050/45.60	5	3,7	1,15	1387								1208	1162	1112	1053	914	747	549	324					4"	1"1/4	
4HDP 12 055/48.60	5,5	4	1,15	1480								1289	1239	1186	1123	974	797	586	346					4"	1"1/4	
4HDP 16 005/06.60	0,5	0,37	1,60	191										173	168	157	142	125	104	82	58			4"	1"1/4	
4HDP 16 007/08.60	0,75	0,55	1,50	254										230	224	209	190	166	139	110	77			4"	1"1/4	
4HDP 16 010/10.60	1	0,75	1,40	318										288	280	261	237	208	174	137	96			4"	1"1/4	
4HDP 16 015/13.60	1,5	1,1	1,30	413										374	364	339	308	270	226	178	125			4"	1"1/4	
4HDP 16 020/17.60	2	1,5	1,25	540										489	476	444	403	353	296	233	163			4"	1"1/4	
4HDP 16 030/23.60	3	2,2	1,15	730										661	644	600	545	477	400	315	221			4"	1"1/4	
4HDP 16 040/30.60	4	3	1,15	953										863	840	783	711	623	522	411	288			4"	1"1/4	
4HDP 16 050/36.60	5	3,7	1,15	1143										1035	1008	940	853	747	626	493	346			4"	1"1/4	
4HDP 16 055/40.60	5,5	4	1,15	1270										1150	1120	1044	948	830	696	548	384			4"	1"1/4	
4HDP 18 005/05.60	0,5	0,37	1,60	157												136	129	119	109	96	84	71	56	41	4"	1"1/4
4HDP 18 007/06.60	0,75	0,55	1,50	189												163	154	143	130	116	101	85	67	49	4"	1"1/4
4HDP 18 010/08.60	1	0,75	1,40	252												218	206	190	174	154	134	113	89	66	4"	1"1/4
4HDP 18 015/11.60	1,5	1,1	1,30	346												299	283	262	239	212	185	155	123	90	4"	1"1/4
4HDP 18 020/15.60	2	1,5	1,25	472												408	386	357	326	289	252	212	167	123	4"	1"1/4
4HDP 18 030/19.60	3	2,2	1,15	598												517	488	452	412	366	319	268	212	156	4"	1"1/4
4HDP 18 040/26.60	4	3	1,15	819												707	668	619	564	501	437	367	290	213	4"	1"1/4
4HDP 18 050/32.60	5	3,7	1,15	1008												870	822	762	694	617	538	451	357	262	4"	1"1/4
4HDP 18 055/34.60	5,5	4	1,15	1071												925	874	809	738	656	571	479	379	279	4"	1"1/4

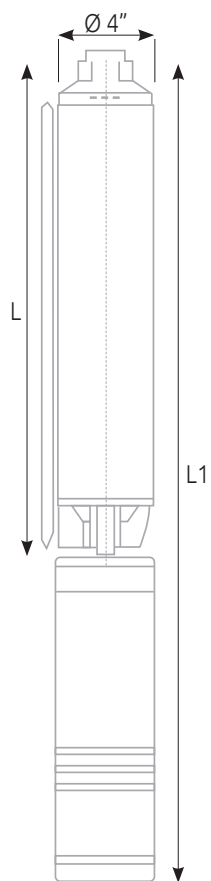
# 4HDP

## OPERATING DATA 60Hz - 2 poles

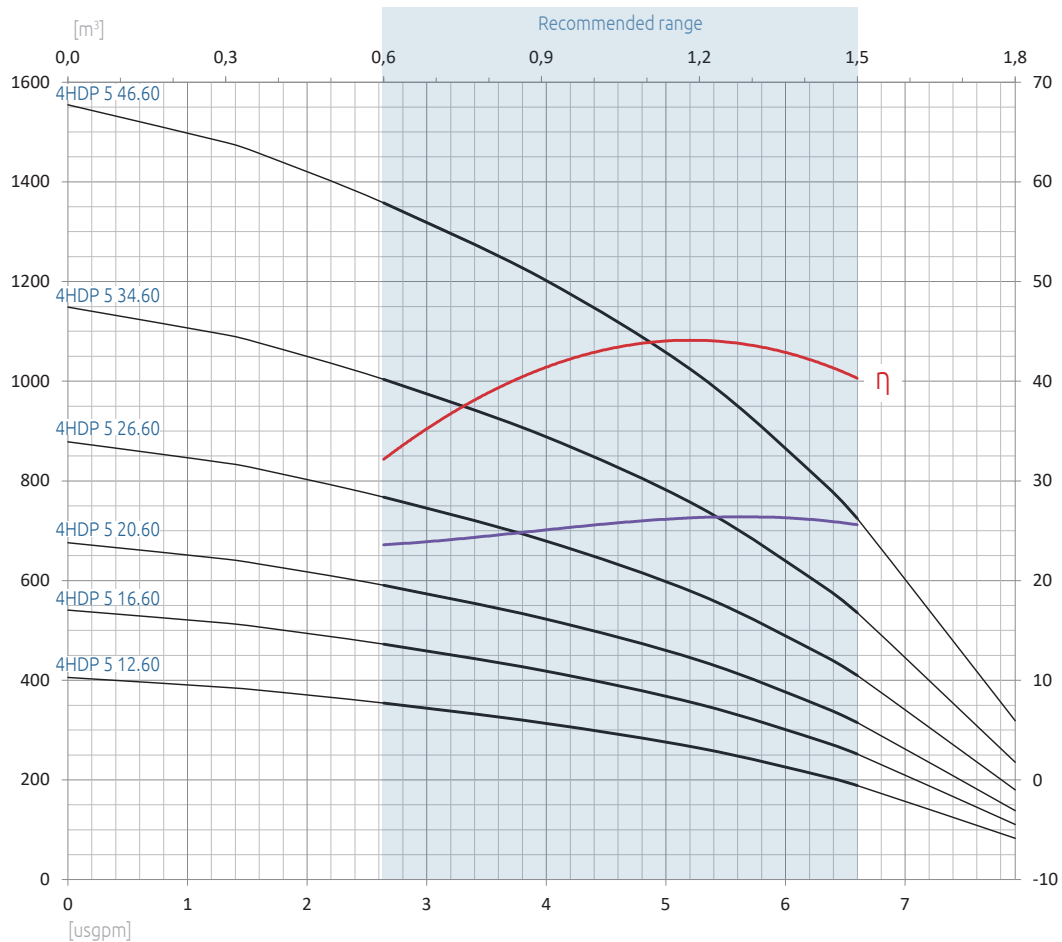
Type	HP	kW	S.F.	m³/h																				Max	D. Size NPT		
				Usgpm	15	17,5	20	22,5	25	27,5	30	35	40	45	50	55	60	70	80	90	100	120	140			140	140
				Usgps	0,25	0,29	0,33	0,38	0,42	0,46	0,50	0,58	0,67	0,75	0,83	0,92	1,00	1,17	1,33	1,50	1,67	2,00	2,33			2,33	2,33
4HDP 22 005/04.60	0,5	0,37	1,60	131	117	111	102	93	82	68	53												4"	1"1/4			
4HDP 22 007/05.60	0,75	0,55	1,50	164	147	139	128	116	102	85	66												4"	1"1/4			
4HDP 22 010/06.60	1	0,75	1,40	197	176	166	154	139	122	102	79												4"	1"1/4			
4HDP 22 015/09.60	1,5	1,1	1,30	295	264	249	230	209	184	154	119												4"	1"1/4			
4HDP 22 020/11.60	2	1,5	1,25	361	323	305	282	255	224	188	145												4"	1"1/4			
4HDP 22 030/15.60	3	2,2	1,15	492	440	416	384	348	306	256	198												4"	1"1/4			
4HDP 22 040/20.60	4	3	1,15	656	587	554	512	464	408	341	264												4"	1"1/4			
4HDP 22 050/24.60	5	3,7	1,15	787	704	665	614	556	490	410	316												4"	1"1/4			
4HDP 22 055/26.60	5,5	4	1,15	853	763	721	666	603	530	444	343												4"	1"1/4			
4HDP 22 075/36.60	7,5	5,5	1,15	1181	1056	998	922	834	734	615	474												4"	1"1/4			
4HDP 22 100/48.60	10	7,5	1,15	1574	1408	1331	1229	1113	979	819	633												4"	1"1/4			
4HDP 35r 005/3R.60	0,5	0,37	1,60	93				73	71	67	64	56	46	35	24								4"	2"			
4HDP 35r 007/4R.60	0,75	0,55	1,50	125				98	94	90	85	74	62	47	32								4"	2"			
4HDP 35r 010/5R.60	1	0,75	1,40	156				122	118	112	106	93	77	59	40								4"	2"			
4HDP 35r 015/7R.60	1,5	1,1	1,30	218				171	165	157	149	130	108	83	56								4"	2"			
4HDP 35r 020/9R.60	2	1,5	1,25	280				220	212	202	191	167	138	106	72								4"	2"			
4HDP 35 010/04.60	1	0,75	1,40	129				105	101	97	87	74	59	43	24								4"	2"			
4HDP 35 015/06.60	1,5	1,1	1,30	193				157	152	146	130	111	89	64	37								4"	2"			
4HDP 35 020/08.60	2	1,5	1,25	257				209	203	194	174	148	118	86	49								4"	2"			
4HDP 35 030/11.60	3	2,2	1,15	354				288	279	267	239	204	163	118	67								4"	2"			
4HDP 35 040/14.60	4	3	1,15	450				367	354	340	304	259	207	150	85								4"	2"			
4HDP 35 050/18.60	5	3,7	1,15	579				471	456	437	391	333	266	193	110								4"	2"			
4HDP 35 055/20.60	5,5	4	1,15	643				524	506	485	434	370	296	214	122								4"	2"			
4HDP 35 075/26.60	7,5	5,5	1,15	836				681	658	631	564	481	385	278	159								4"	2"			
4HDP 35 100/36.60	10	7,5	1,15	1157				942	912	873	781	666	533	385	220								4"	2"			
4HDP 45 005/2.60	0,5	0,37	1,60	61					51	50	48	45	41	37	32	26	14						4"	2"			
4HDP 45 007/3.60	0,75	0,55	1,50	91					77	75	71	67	62	56	48	39	20						4"	2"			
4HDP 45 010/4.60	1	0,75	1,40	121					102	100	95	89	82	74	64	52	27						4"	2"			
4HDP 45 015/5.60	1,5	1,1	1,30	151					128	125	119	112	103	93	80	65	34						4"	2"			
4HDP 45 020/6.60	2	1,5	1,25	182					154	150	143	134	124	111	95	77	41						4"	2"			
4HDP 50 015/04.60	1,5	1,1	1,30	126						113	110	105	99	90	79	66	38	8					4"	2"			
4HDP 50 020/05.60	2	1,5	1,25	157						141	137	132	124	113	99	83	47	10					4"	2"			
4HDP 50 030/07.60	3	2,2	1,15	220						198	192	184	173	158	139	116	66	14					4"	2"			
4HDP 50 040/10.60	4	3	1,15	315						283	274	263	248	226	198	165	94	20					4"	2"			
4HDP 50 050/12.60	5	3,7	1,15	378						339	329	316	297	271	238	198	113	24					4"	2"			
4HDP 50 055/14.60	5,5	4	1,15	441						396	384	368	347	316	277	231	132	28					4"	2"			
4HDP 50 075/18.60	7,5	5,5	1,15	567						509	493	473	446	407	356	297	169	36					4"	2"			
4HDP 50 100/24.60	10	7,5	1,15	756						678	658	631	594	542	475	396	226	48					4"	2"			
4HDP 100 005/01.60	0,5	0,37	1,60	28									24	23	22	21	19	18	16	15	10	5	4"	2"			
4HDP 100 010/02.60	1	0,75	1,40	55									48	46	45	43	38	35	32	29	21	10	4"	2"			
4HDP 100 015/03.60	1,5	1,1	1,30	83									72	70	67	65	63	57	53	49	44	31	14	4"	2"		
4HDP 100 020/04.60	2	1,5	1,25	111									96	93	90	87	84	76	70	65	59	42	19	4"	2"		
4HDP 100 030/05.60	3	2,2	1,15	138									120	116	112	108	105	96	88	81	74	52	24	4"	2"		
4HDP 100 040/08.60	4	3	1,15	221									192	186	179	173	167	153	141	130	118	83	38	4"	2"		
4HDP 100 050/09.60	5	3,7	1,15	249									216	209	202	195	188	172	158	146	132	94	43	4"	2"		
4HDP 100 055/10.60	5,5	4	1,15	277									240	232	224	217	209	191	176	162	147	104	48	4"	2"		
4HDP 100 075/14.60	7,5	5,5	1,15	387									336	325	314	303	293	267	246	227	206	146	67	4"	2"		
4HDP 100 100/19.60	10	7,5	1,15	525									456	441	426	411	397	363	334	308	279	198	91	4"	2"		

# 4HDP-5

4" Submersible pumps  
4" Pompe sommerse



## OPERATING CURVES - 60 HZ



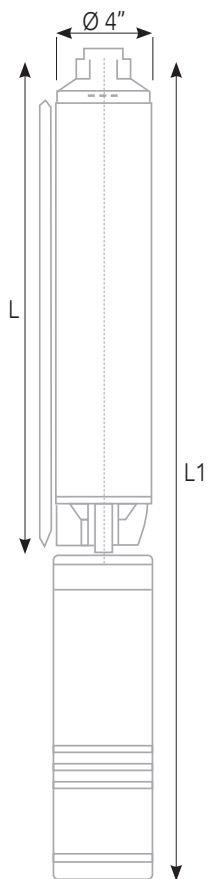
## ELECTRICAL DATA

Type	P <sub>2</sub>			ST	L [in]	lb	lbf
	Hp	KW	S.F.				
4HDP 5 12.60	0,5	0,37	1,6	12	14,9	8,8	330
4HDP 5 16.60	0,75	0,55	1,5	16	18,0	10,6	992
4HDP 5 20.60	1	0,75	1,4	20	21,1	12,4	1.240
4HDP 5 26.60	1,5	1,1	1,3	26	27,2	16,1	1.611
4HDP 5 34.60	2	1,5	1,25	34	33,4	19,8	2.107
4HDP 5 46.60	3	2,2	1,15	46	44,2	26,2	2.850

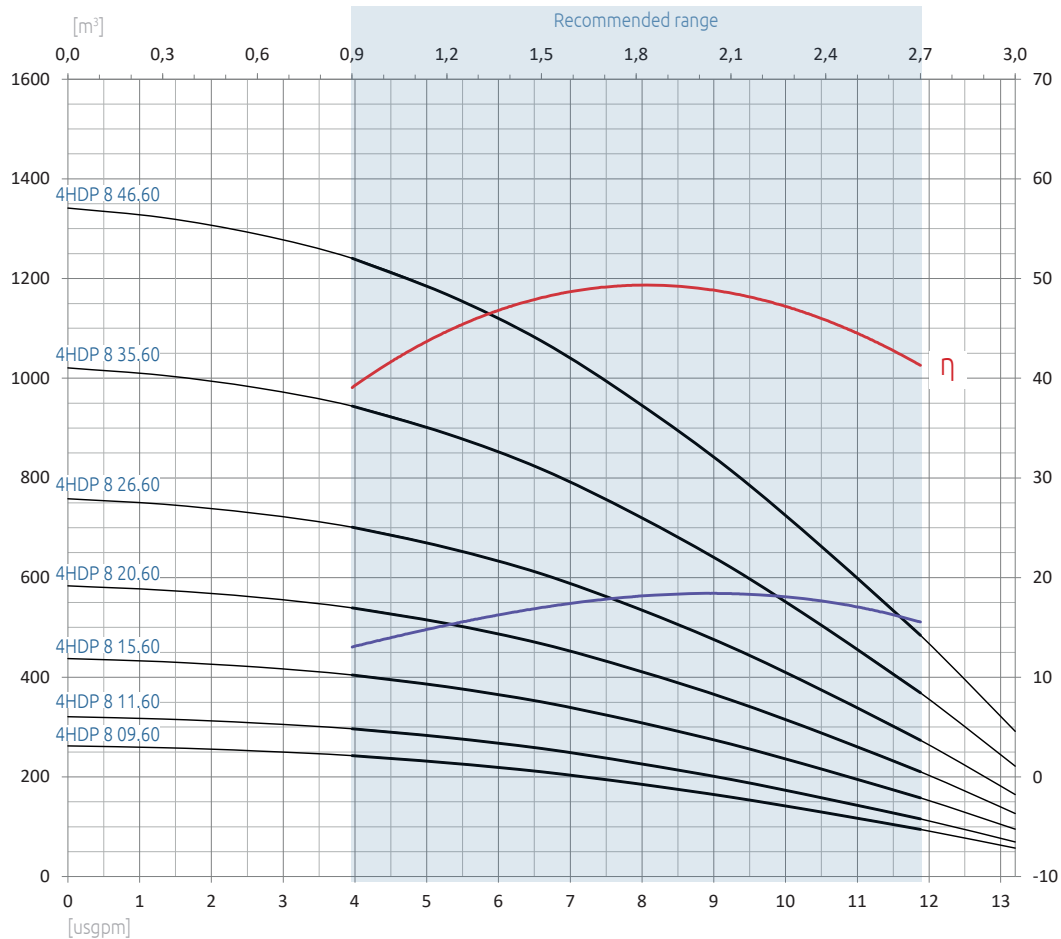
ST = stages | P<sub>2</sub> = motor nominal power | P<sub>1</sub> = motor total power absorption

# 4HDP-8

4" Submersible pumps  
4" Pompe sommerse



## OPERATING CURVES - 60 HZ

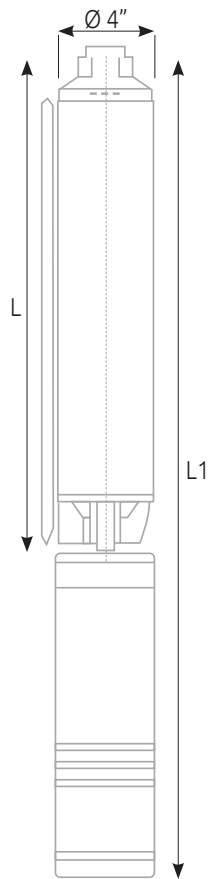


## ELECTRICAL DATA

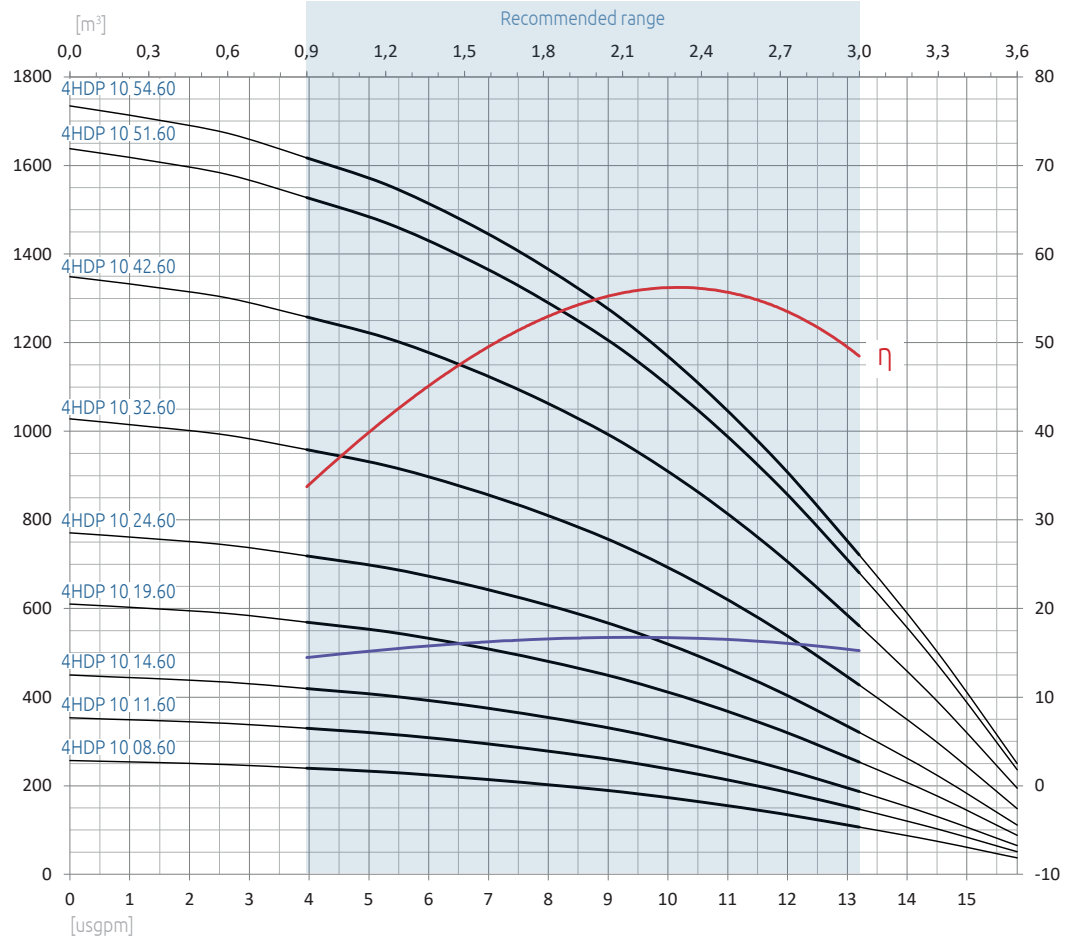
Type	P <sub>2</sub>			ST	L [in]	lb	lbf
	Hp	KW	S.F.				
4HDP 8 09.60	0,5	0,37	1,6	9	12,5	7,4	482
4HDP 8 11.60	0,75	0,55	1,5	11	14,1	8,3	642
4HDP 8 15.60	1	0,75	1,4	15	17,2	10,1	803
4HDP 8 20.60	1,5	1,1	1,3	20	21,1	12,4	1.124
4HDP 8 26.60	2	1,5	1,25	26	27,3	16,1	1.498
4HDP 8 35.60	3	2,2	1,15	35	35,1	20,4	2.033
4HDP 8 46.60	4	3	1,15	46	44,3	26,2	2.675

# 4HDP-10

4" Submersible pumps  
4" Pompe sommerse



## OPERATING CURVES - 60 HZ



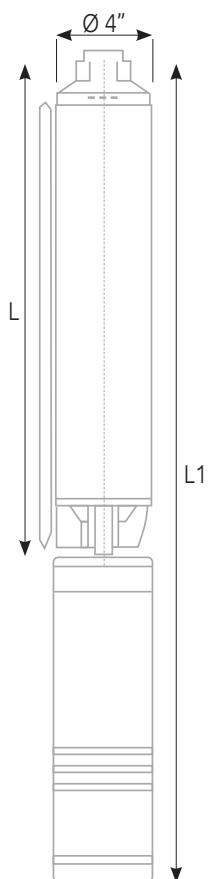
## ELECTRICAL DATA

Type	P <sub>2</sub>			ST	L [in]	lb	lbf
	Hp	KW	S.F.				
4HDP 10 08.60	0,5	0,37	1,6	8	10,8	6,7	63
4HDP 10 11.60	0,75	0,55	1,5	11	12,8	7,9	63
4HDP 10 14.60	1	0,75	1,4	14	14,8	9,2	64
4HDP 10 19.60	1,5	1,1	1,3	19	18,1	11,3	65
4HDP 10 24.60	2	1,5	1,25	24	21,4	13,4	66
4HDP 10 32.60	3	2,2	1,15	32	28,2	17,7	67
4HDP 10 42.60	4	3	1,15	42	34,8	22,0	69
4HDP 10 51.60	5	3,7	1,15	51	42,2	26,7	71
4HDP 10 54.60	5,5	4	1,15	54	44,2	28,0	71

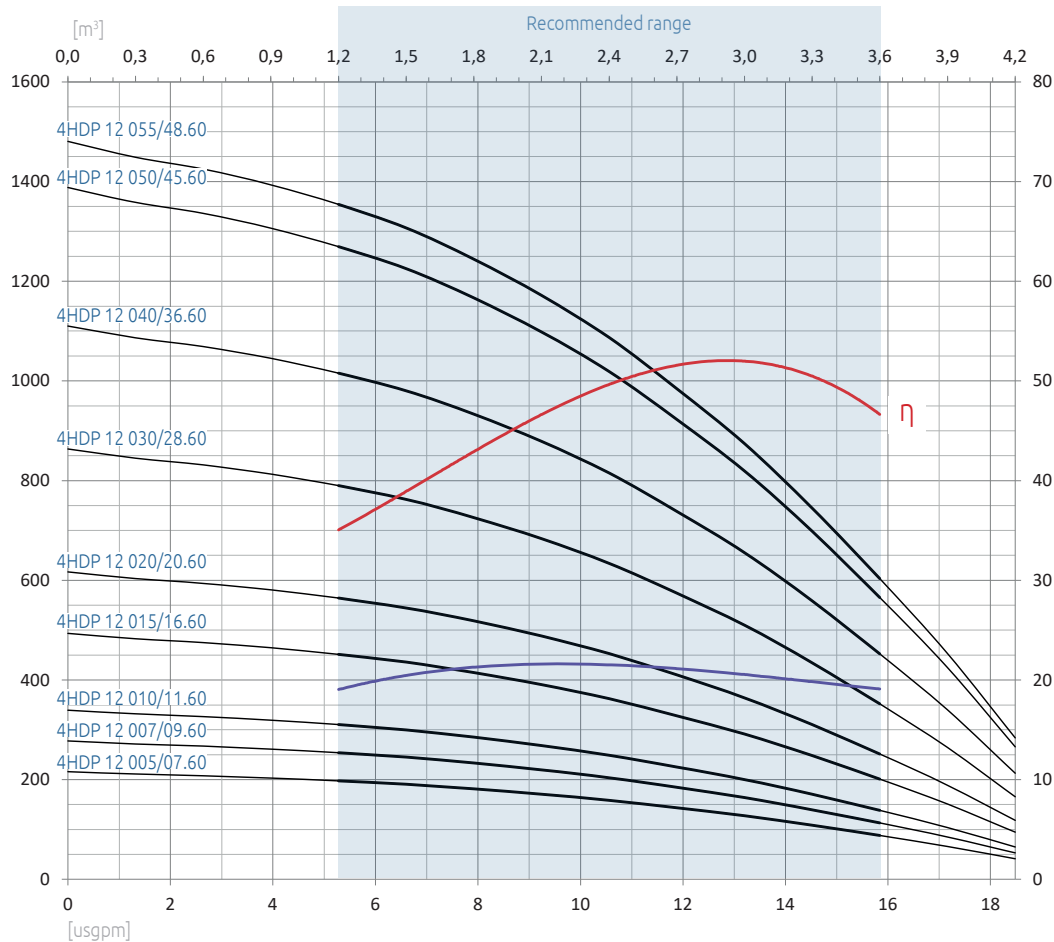
ST = stages | P<sub>2</sub> = motor nominal power | P<sub>1</sub> = motor total power absorption

# 4HDP-12

4" Submersible pumps  
4" Pompe sommerse



## OPERATING CURVES - 60 HZ



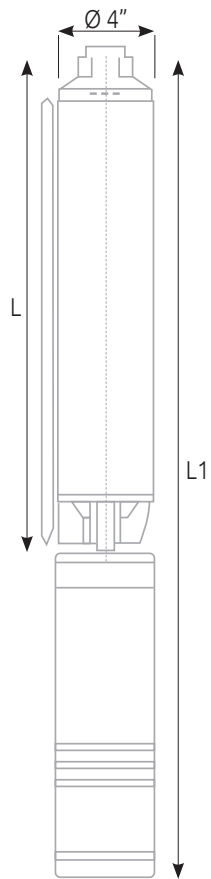
## ELECTRICAL DATA

Type	P <sub>2</sub>			ST	L [in]	lb	lbf
	Hp	KW	S.F.				
4HDP 12 005/07.60	0,5	0,37	1,6	7	11,0	6,4	62
4HDP 12 007/09.60	0,75	0,55	1,5	9	12,5	7,3	62
4HDP 12 010/11.60	1	0,75	1,4	11	14,1	8,2	62
4HDP 12 015/16.60	1,5	1,1	1,3	16	18,0	10,5	63
4HDP 12 020/20.60	2	1,5	1,25	20	21,1	12,2	64
4HDP 12 030/28.60	3	2,2	1,15	28	28,8	16,8	65
4HDP 12 040/36.60	4	3	1,15	36	35,1	20,4	66
4HDP 12 050/45.60	5	3,7	1,15	45	43,4	25,3	67
4HDP 12 055/48.60	5,5	4	1,15	48	45,8	26,6	68

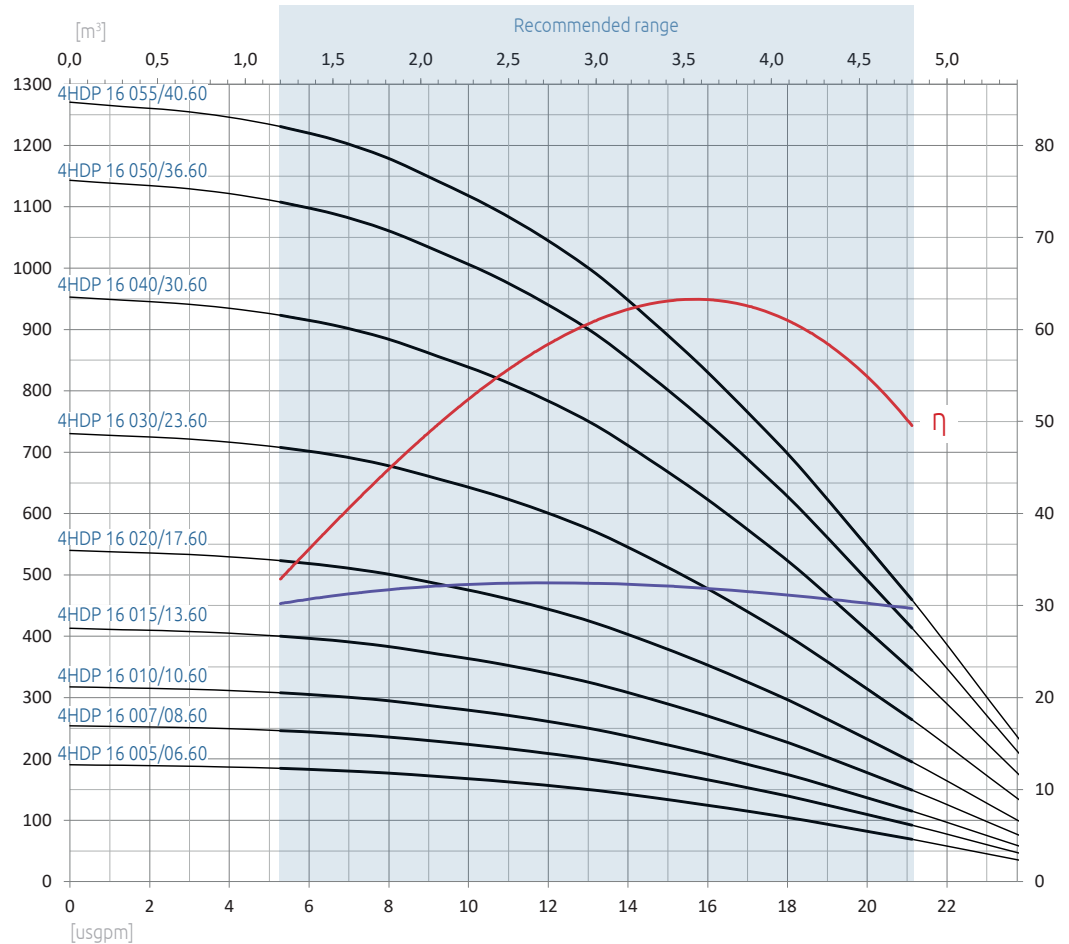
ST = stages | P<sub>2</sub> = motor nominal power | P<sub>1</sub> = motor total power absorption

# 4HDP-16

4" Submersible pumps  
4" Pompe sommerse



## OPERATING CURVES - 60 HZ



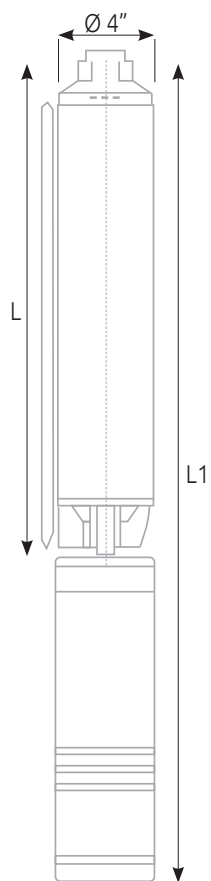
## ELECTRICAL DATA

Type	P <sub>2</sub>			ST	L [in]	lb	lbf
	Hp	KW	S.F.				
4HDP 16 005/06.60	0,5	0,37	1,6	6	10,2	6,0	62
4HDP 16 007/08.60	0,75	0,55	1,5	8	11,7	6,8	62
4HDP 16 010/10.60	1	0,75	1,4	10	13,3	7,7	62
4HDP 16 015/13.60	1,5	1,1	1,3	13	15,6	9,1	63
4HDP 16 020/17.60	2	1,5	1,25	17	18,8	10,9	63
4HDP 16 030/23.60	3	2,2	1,15	23	23,5	13,5	64
4HDP 16 040/30.60	4	3	1,15	30	30,4	17,6	65
4HDP 16 050/36.60	5	3,7	1,15	36	35,1	20,3	66
4HDP 16 055/40.60	5,5	4	1,15	40	38,2	22,1	67

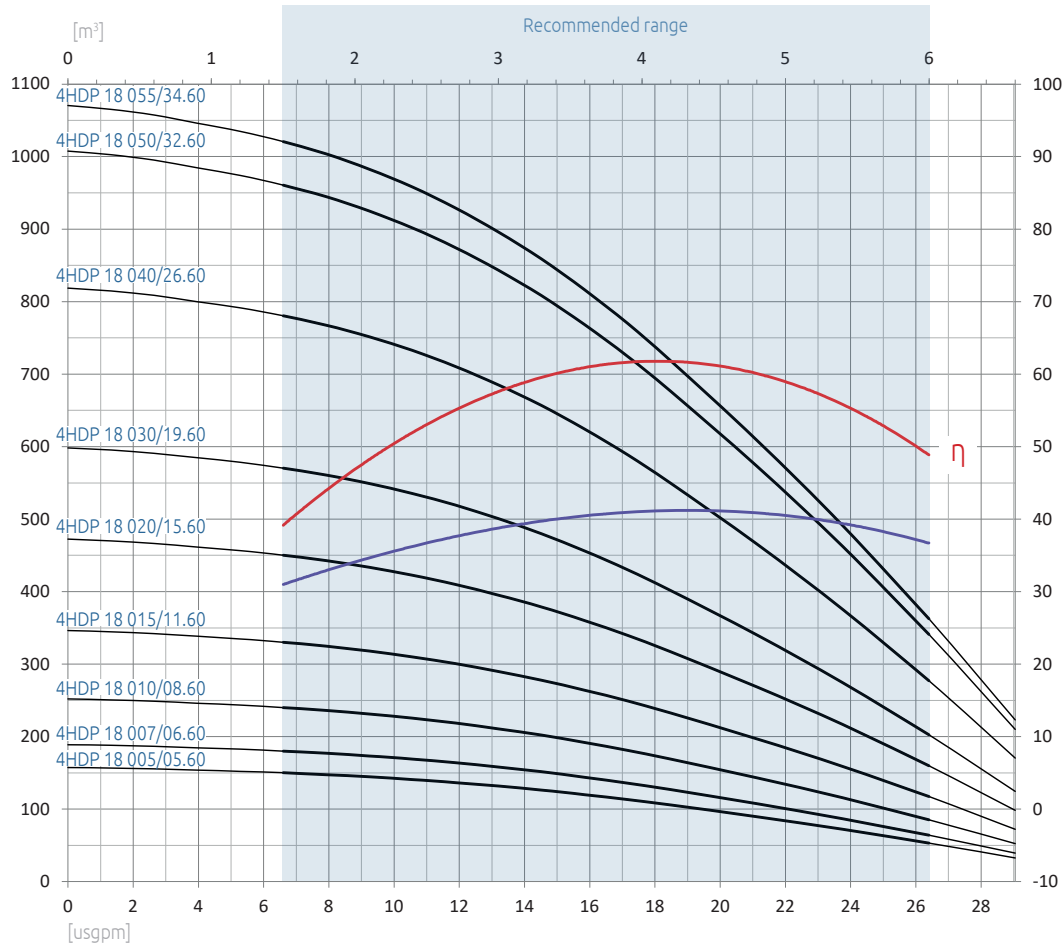
ST = stages | P<sub>2</sub> = motor nominal power | P<sub>1</sub> = motor total power absorption

# 4HDP-18

4" Submersible pumps  
4" Pompe sommerse



## OPERATING CURVES - 60 HZ



## ELECTRICAL DATA

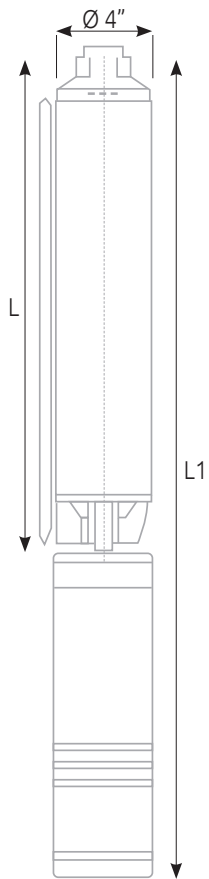
Type	P <sub>2</sub>			ST	L [in]	lb	lbf
	Hp	KW	S.F.				
4HDP 18 005/05.60	0,5	0,37	1,6	5	9,4	5,5	62
4HDP 18 007/06.60	0,75	0,55	1,5	6	10,2	6,0	62
4HDP 18 010/08.60	1	0,75	1,4	8	11,7	6,8	62
4HDP 18 015/11.60	1,5	1,1	1,3	11	14,1	8,2	62
4HDP 18 020/15.60	2	1,5	1,25	15	17,2	10,0	63
4HDP 18 030/19.60	3	2,2	1,15	19	20,3	11,8	63
4HDP 18 040/26.60	4	3	1,15	26	27,2	15,8	65
4HDP 18 050/32.60	5	3,7	1,15	32	31,9	18,5	65
4HDP 18 055/34.60	5,5	4	1,15	34	33,5	19,4	66

ST = stages | P<sub>2</sub> = motor nominal power | P<sub>1</sub> = motor total power absorption

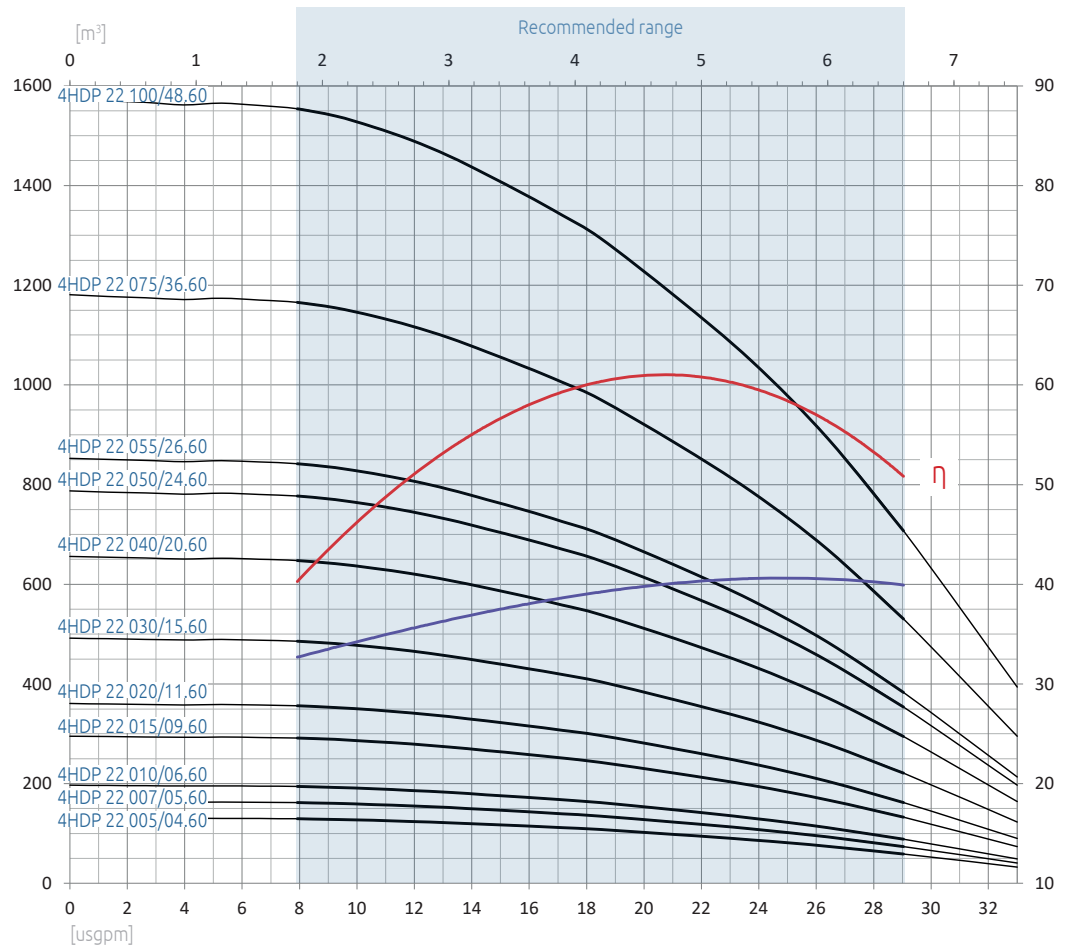
# 4HDP-22

4" Submersible pumps

4" Pompe sommerse



## OPERATING CURVES - 60 HZ



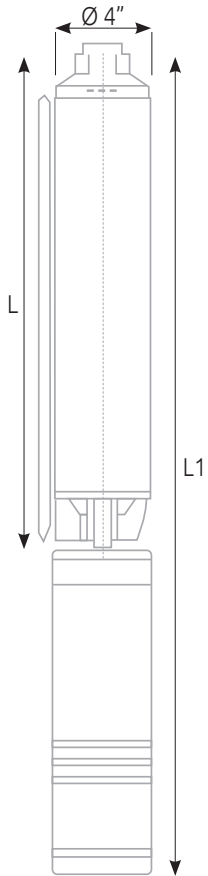
## ELECTRICAL DATA

Type	P <sub>2</sub>			ST	L [in]	lb	lbf
	Hp	KW	S.F.				
4HDP 22 005/04.60	0,5	0,37	1,6	4	8,9	5,2	62
4HDP 22 007/05.60	0,75	0,55	1,5	5	9,8	5,7	62
4HDP 22 010/06.60	1	0,75	1,4	6	10,6	6,1	62
4HDP 22 015/09.60	1,5	1,1	1,3	9	13,2	7,6	62
4HDP 22 020/11.60	2	1,5	1,25	11	14,9	8,5	63
4HDP 22 030/15.60	3	2,2	1,15	15	18,4	10,4	63
4HDP 22 040/20.60	4	3	1,15	20	22,7	12,8	64
4HDP 22 050/24.60	5	3,7	1,15	24	27,5	15,6	65
4HDP 22 055/26.60	5,5	4	1,15	26	29,3	16,6	65
4HDP 22 075/36.60	7,5	5,5	1,15	36	37,9	21,4	67
4HDP 22 100/48.60	10	7,5	1,15	48	49,7	28,0	69

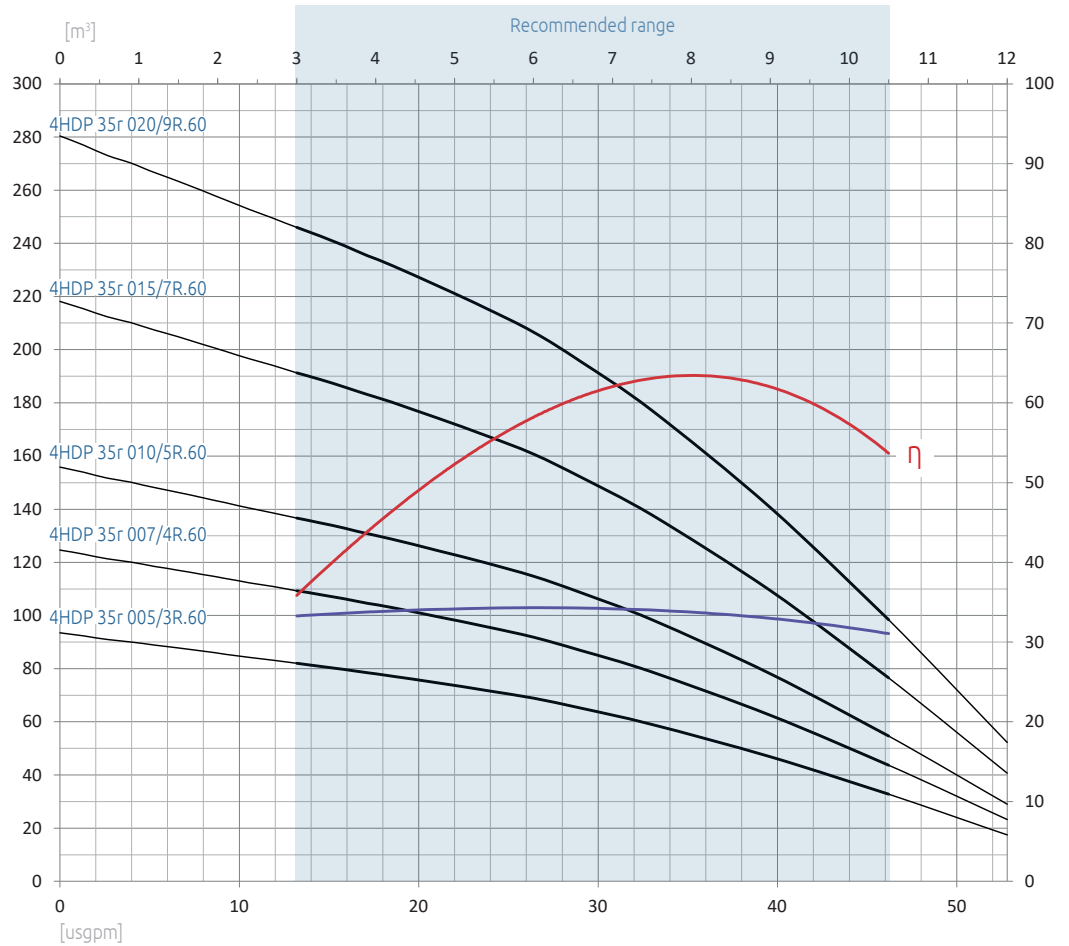
ST = stages | P<sub>2</sub> = motor nominal power | P<sub>1</sub> = motor total power absorption

# 4HDP-35r

4" Submersible pumps  
4" Pompe sommerse



## OPERATING CURVES - 60 HZ



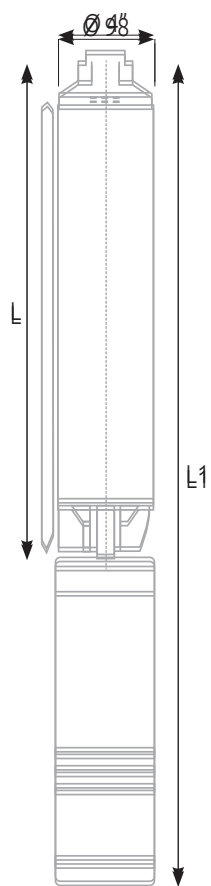
## ELECTRICAL DATA

Type	P <sub>2</sub>			ST	L [in]	lb	lbf
	Hp	KW	S.F.				
4HDP 35r 005/3R.60	0,5	0,37	1,6	3	9,8	5,8	122
4HDP 35r 007/4R.60	0,75	0,55	1,5	4	11,2	6,5	122
4HDP 35r 010/5R.60	1	0,75	1,4	5	12,7	7,3	123
4HDP 35r 015/7R.60	1,5	1,1	1,3	7	15,6	8,7	124
4HDP 35r 020/9R.60	2	1,5	1,25	9	18,5	10,2	124

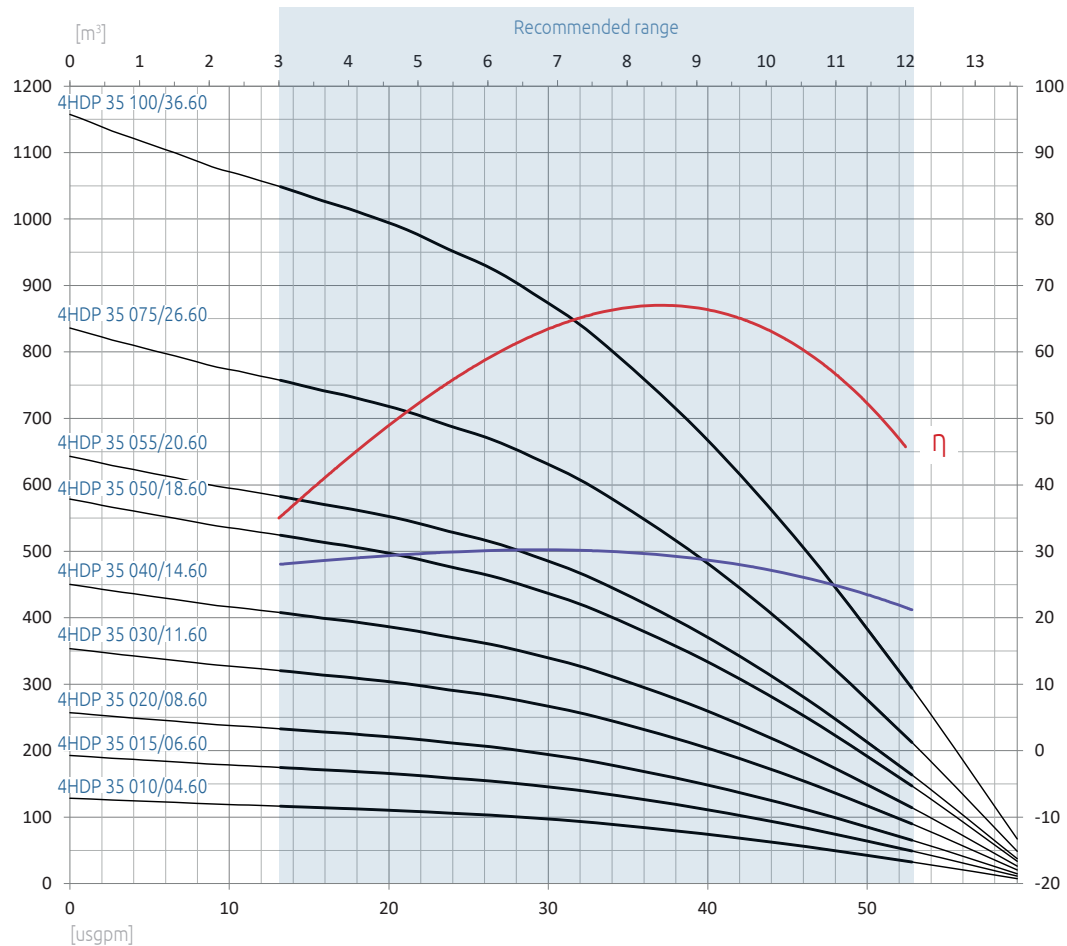
ST = stages | P<sub>2</sub> = motor nominal power | P<sub>1</sub> = motor total power absorption

# 4HDP-35

4" Submersible pumps  
4" Pompe sommerse



## OPERATING CURVES - 60 HZ



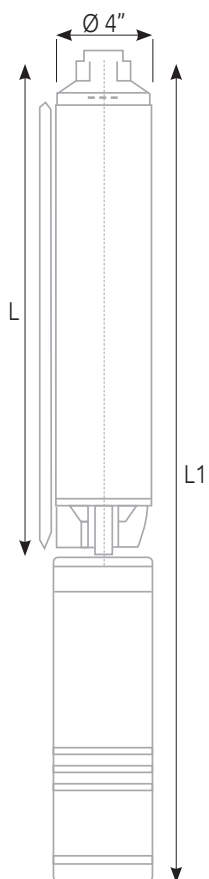
## ELECTRICAL DATA

Type	P <sub>2</sub>			ST	L [in]	lb	lbf
	Hp	KW	S.F.				
4HDP 35 010/04.60	1	0,75	1,4	4	11,2	6,5	122
4HDP 35 015/06.60	1,5	1,1	1,3	6	14,1	8,0	123
4HDP 35 020/08.60	2	1,5	1,25	8	17,1	9,4	124
4HDP 35 030/11.60	3	2,2	1,15	11	21,4	11,6	125
4HDP 35 040/14.60	4	3	1,15	14	25,8	13,8	126
4HDP 35 050/18.60	5	3,7	1,15	18	33,0	17,1	128
4HDP 35 055/20.60	5,5	4	1,15	20	35,8	18,5	129
4HDP 35 075/26.60	7,5	5,5	1,15	26	44,5	23,5	131
4HDP 35 100/36.60	10	7,5	1,15	36	59,0	30,8	134

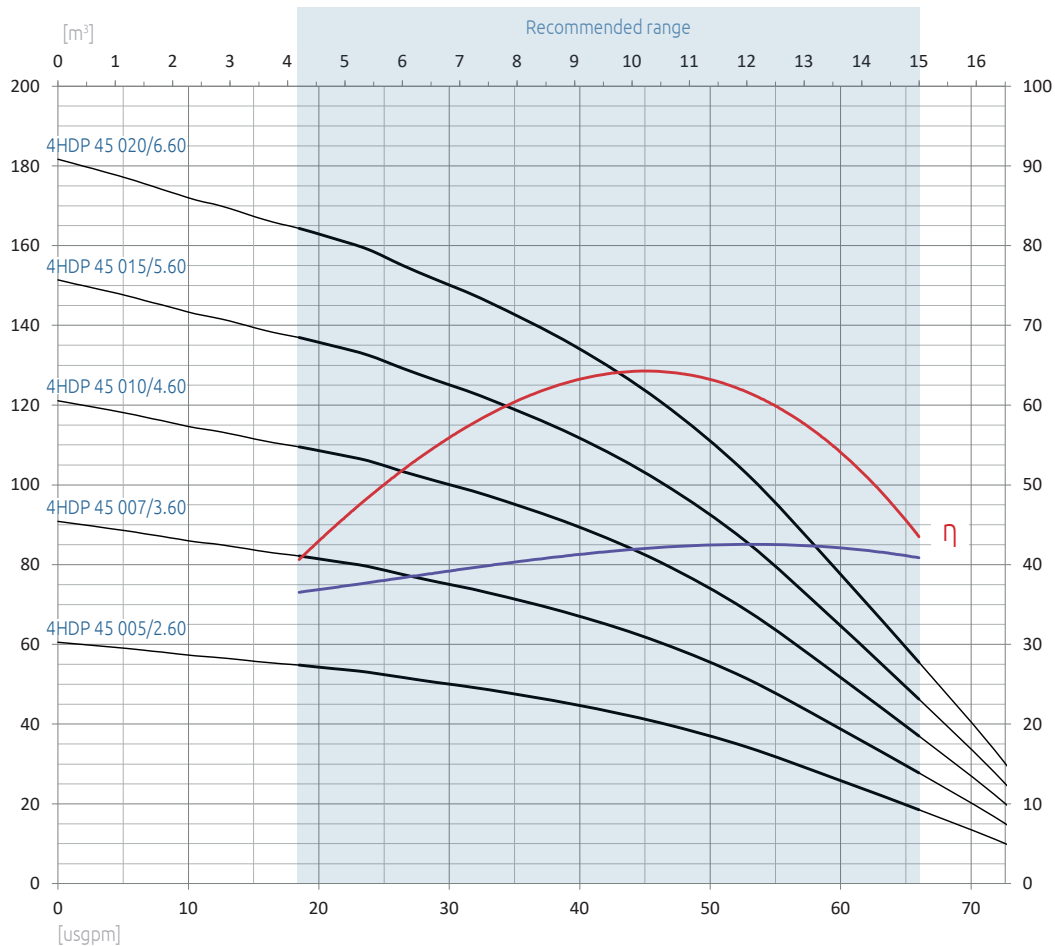
ST = stages | P<sub>2</sub> = motor nominal power | P<sub>1</sub> = motor total power absorption

# 4HDP-45

4" Submersible pumps  
4" Pompe sommerse



## OPERATING CURVES - 60 HZ

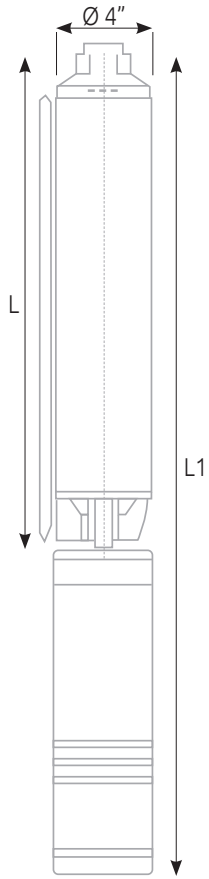


## ELECTRICAL DATA

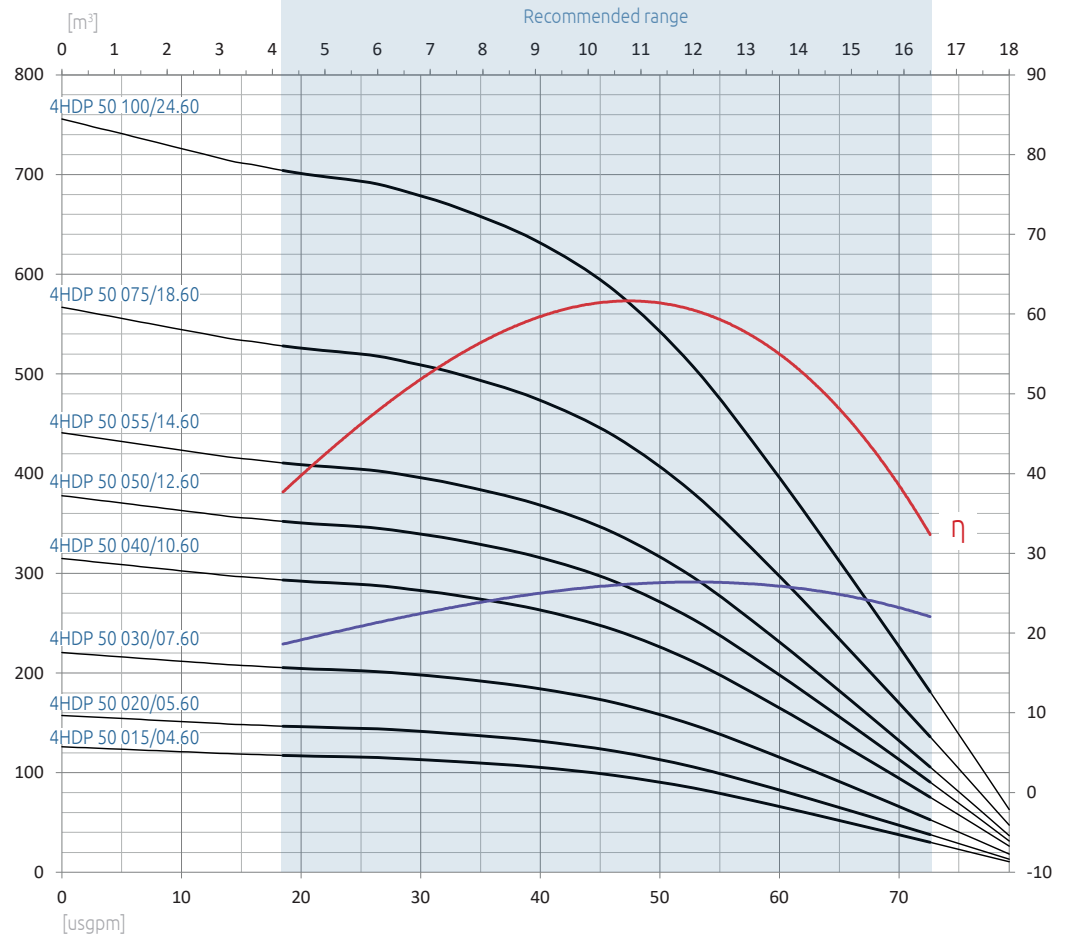
Type	P <sub>2</sub>			ST	L [in]	lb	lbf
	Hp	KW	S.F.				
4HDP 45 005/2.60	0,5	0,37	1,6	2	8,6	5,2	122
4HDP 45 007/3.60	0,75	0,55	1,5	3	10,1	5,9	122
4HDP 45 010/4.60	1	0,75	1,4	4	11,7	6,7	123
4HDP 45 015/5.60	1,5	1,1	1,3	5	13,3	7,5	123
4HDP 45 020/6.60	2	1,5	1,25	6	14,9	8,3	123

# 4HDP-50

4" Submersible pumps  
4" Pompe sommerse



## OPERATING CURVES - 60 HZ

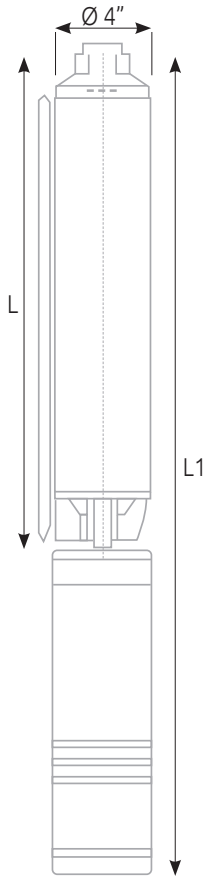


## ELECTRICAL DATA

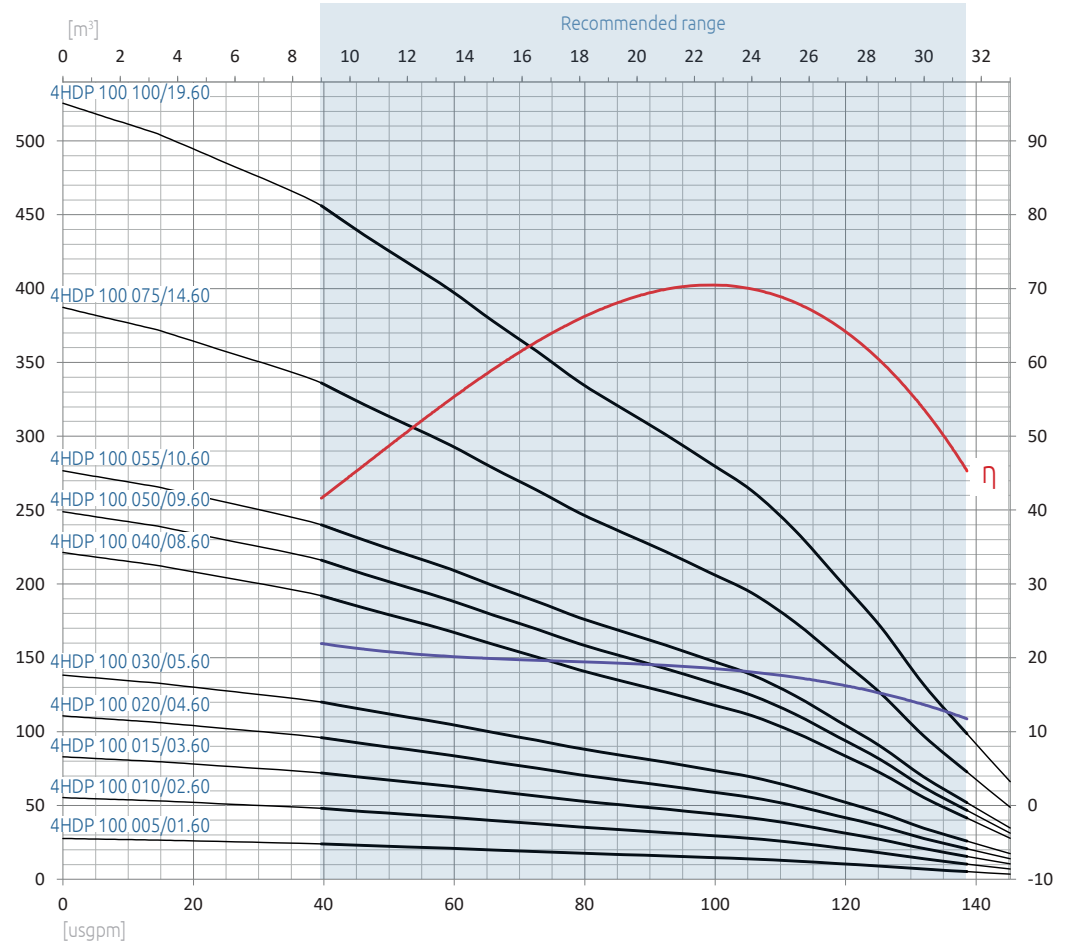
Type	P <sub>2</sub>			ST	L [in]	lb	lbf
	Hp	KW	S.F.				
4HDP 50 015/04.60	1,5	1,1	1,3	4	11,7	6,7	123
4HDP 50 020/05.60	2	1,5	1,25	5	13,3	7,5	123
4HDP 50 030/07.60	3	2,2	1,15	7	16,4	9,1	124
4HDP 50 040/10.60	4	3	1,15	10	21,2	11,4	125
4HDP 50 050/12.60	5	3,7	1,15	12	24,3	13,0	126
4HDP 50 055/14.60	5,5	4	1,15	14	27,4	14,5	126
4HDP 50 075/18.60	7,5	5,5	1,15	18	35,1	18,0	128
4HDP 50 100/24.60	10	7,5	1,15	24	44,5	23,3	131

# 4HDP-100

4" Submersible pumps  
4" Pompe sommerse



## OPERATING CURVES - 60 HZ



## ELECTRICAL DATA

Type	P <sub>2</sub>			ST	L [in]	lb	lbf
	Hp	KW	S.F.				
4HDP 100 005/01.60	0,5	0,37	1,6	1	8,0	3,4	122
4HDP 100 010/02.60	1	0,75	1,4	2	10,7	4,6	122
4HDP 100 015/03.60	1,5	1,1	1,3	3	13,3	5,7	123
4HDP 100 020/04.60	2	1,5	1,25	4	16,0	6,9	124
4HDP 100 030/05.60	3	2,2	1,15	5	18,6	8,0	124
4HDP 100 040/08.60	4	3	1,15	8	26,5	11,5	126
4HDP 100 050/09.60	5	3,7	1,15	9	29,1	12,6	127
4HDP 100 055/10.60	5,5	4	1,15	10	31,7	13,8	128
4HDP 100 075/14.60	7,5	5,5	1,15	14	42,3	18,4	130
4HDP 100 100/19.60	10	7,5	1,15	19	55,4	24,2	133





A large rectangular area containing 25 horizontal dotted lines, intended for writing or drawing.



To be assembled with:  
Da assemblare con:



## 4HDO

*4" Rewindable oil filled submersible motors  
Motori sommersi 4" in bagno d'olio riavvolgibili*



## 4HDW

*4" Water cooled submersible motors canned type  
Motori sommersi 4" in bagno d'acqua con statore resinato*



## 6HDO

*6" Rewindable oil filled submersible motors  
Motori sommersi 6" in bagno d'olio riavvolgibili*



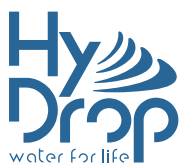
## 6HDW

*6" Water cooled submersible motors canned type  
Motori sommersi 6" in bagno d'acqua con statore resinato*



## BELT+

*Electronic protection system  
Sistema elettronico di protezione*



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**Accounting/Logistics +39 348 79 02 359**  
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Tutte le informazioni riportate nel presente catalogo sono indicative.  
I dati esposti potrebbero variare in qualsiasi momento e senza dovere di preavviso.*