

**X-ORA Series
(Impellers -Plastics)**

4" Deepwell Submersible Pumps
Bombas Sumergibles De pozo
Pompe Sommersi

AROW SOLUTIONS ESPAÑA SL

Valencia.Spain

SUBMERSIBLE PUMPS



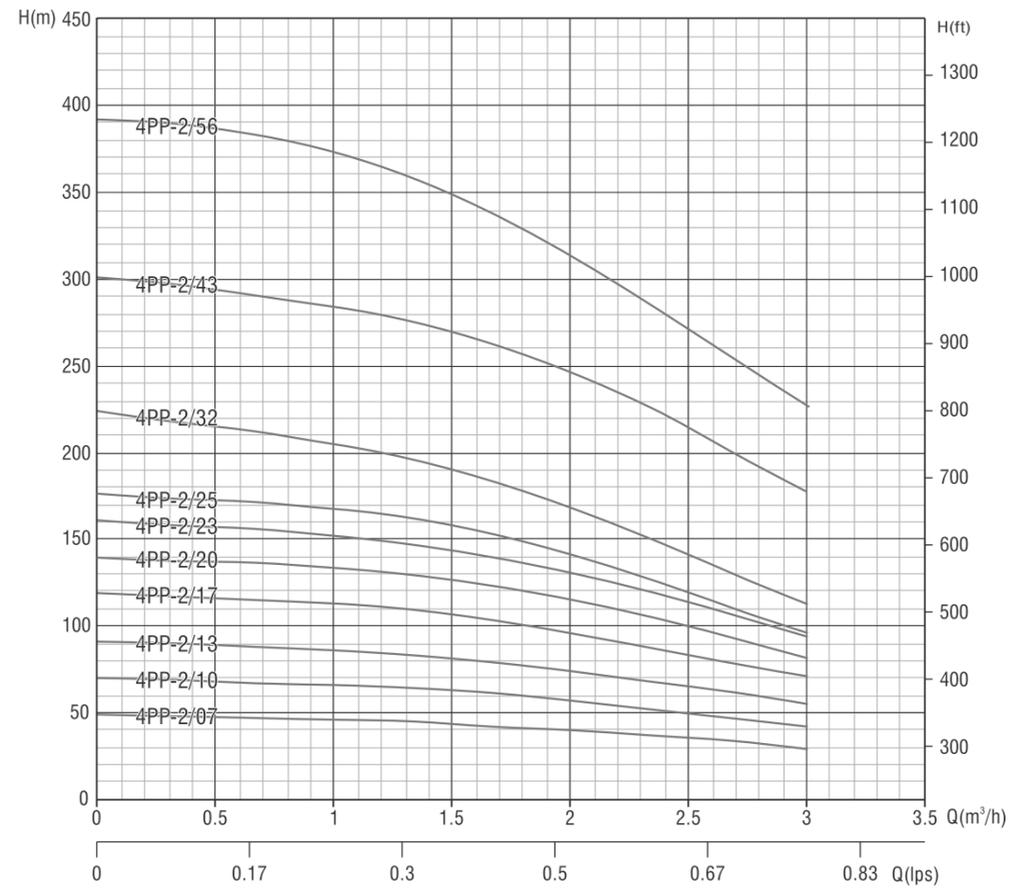
4PP-2

Nominal Flow: 2 m³/h

Outlet Size: 1¼"

Performance Curve

2900 rpm



Model	Motor Power		Q(m ³ /h) Q(lps)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3
	kW	HP		0	0.08	0.17	0.25	0.33	0.42	0.50	0.58	0.67	0.75	0.83
4PP-2/07	0.37	0.5	Head(m)	49	48	47	46	45	42	40	37	32	29	25
4PP-2/10	0.55	0.75		70	69	67	66	65	60	57	52	46	42	36
4PP-2/13	0.75	1		91	90	88	86	84	78	74	68	60	55	46
4PP-2/17	1.1	1.5		119	117	115	113	110	102	97	89	79	71	60
4PP-2/20	1.1	1.5		140	138	136	134	131	123	118	110	100	92	81
4PP-2/23	1.5	2		161	158	156	152	149	138	131	120	107	97	82
4PP-2/25	1.5	2		175	172	170	166	163	152	145	134	121	111	96
4PP-2/32	2.2	3		224	220	217	212	207	192	182	168	149	134	114
4PP-2/43	3	4		301	296	292	284	278	258	245	226	200	180	153
4PP-2/56	4	5.5		392	385	380	371	362	336	319	294	260	235	200

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X-ORA SERIES



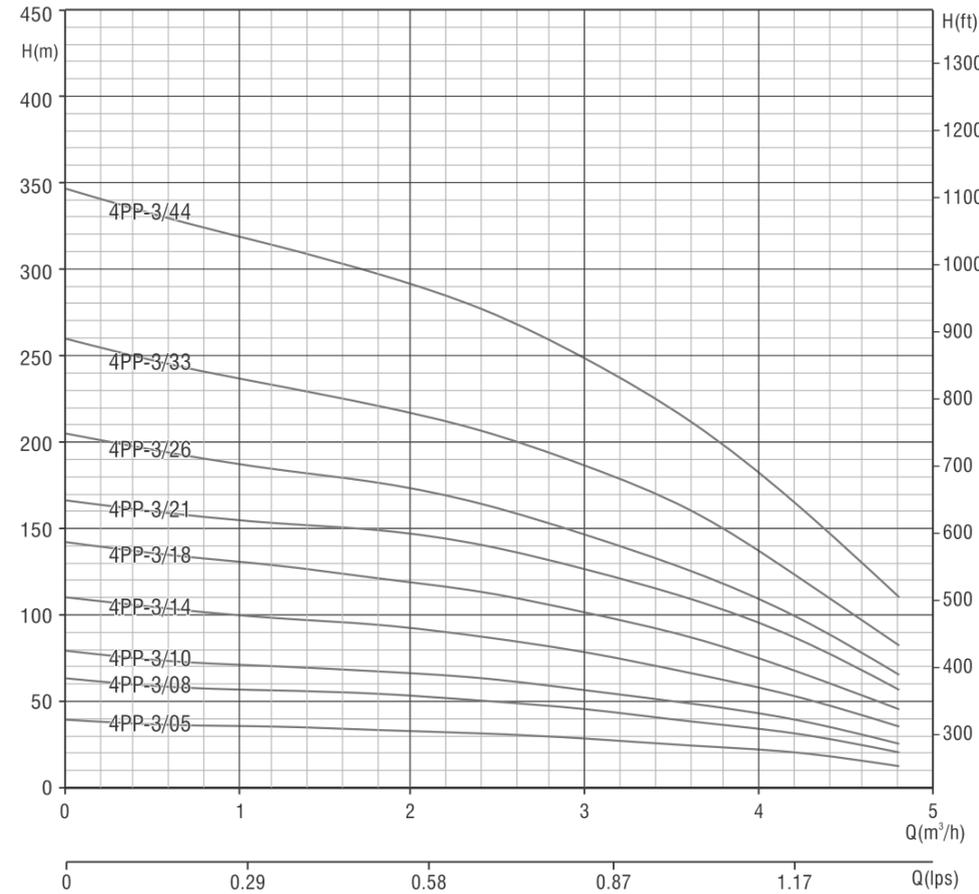
4PP-3

Nominal Flow: 3 m³/h

Outlet Size: 1¼"

Performance Curve

2900 rpm



Model	Motor Power		Q(m ³ /h) Q(lps)	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8
	kW	HP		0	0.167	0.33	0.5	0.67	0.83	1	1.17	1.33
4PP-3/05	0.37	0.5	Head(m)	39	36	35	33	31	28	24	20	12
4PP-3/08	0.55	0.75		63	58	56	54	50	45	38	31	20
4PP-3/10	0.75	1		79	73	70	67	63	56	47	39	25
4PP-3/14	1.1	1.5		110	102	98	94	88	79	66	55	35
4PP-3/18	1.5	2		142	131	126	121	113	101	85	70	45
4PP-3/21	1.5	2		166	153	147	141	132	118	99	82	53
4PP-3/26	2.2	3		205	189	182	174	164	146	122	102	65
4PP-3/33	3	4		260	240	231	221	208	186	155	129	82
4PP-3/44	4	5.5		347	320	308	295	277	248	207	172	110

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SUBMERSIBLE PUMPS



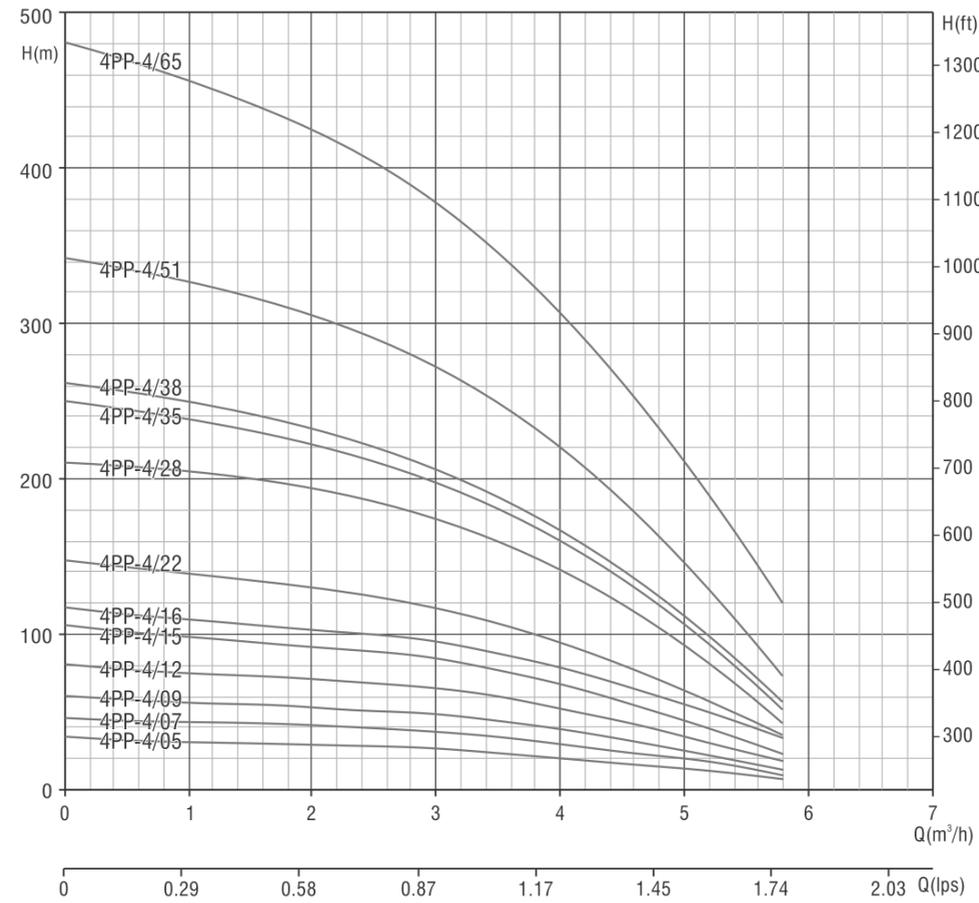
4PP-4

Nominal Flow: 4 m³/h

Outlet Size: 1 1/4"

Performance Curve

2900 rpm



Model	Motor Power		Q(m ³ /h) Q(lps)	Head(m)												
	kW	HP		0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6		
4PP-4/05	0.37	0.5	0	37	35	34	33	32	30	27	23	19	14	9		
4PP-4/07	0.55	0.75	0.6	52	49	48	46	45	42	38	33	27	20	12		
4PP-4/09	0.75	1	1.2	67	63	62	60	57	54	49	43	34	25	16		
4PP-4/12	1.1	1.5	1.8	89	85	82	80	76	72	66	57	46	34	21		
4PP-4/15	1.5	2	2.4	111	106	103	99	95	90	82	71	57	42	26		
4PP-4/16	1.5	2	3	118	113	110	106	101	96	87	76	61	45	28		
4PP-4/22	2.2	3	3.6	163	155	151	146	140	132	120	104	84	62	38		
4PP-4/28	3	4	4.2	207	197	192	186	178	168	153	133	107	79	49		
4PP-4/35	4	5.5	4.8	259	247	240	232	222	210	191	166	134	99	61		
4PP-4/38	3	4	5.4	281	268	261	252	241	228	207	180	145	107	66		
4PP-4/51	4	5.5	6	378	359	350	338	323	306	278	241	195	144	88		
4PP-4/65	5.5	7.5	6	481	458	446	431	412	390	355	308	248	183	112		

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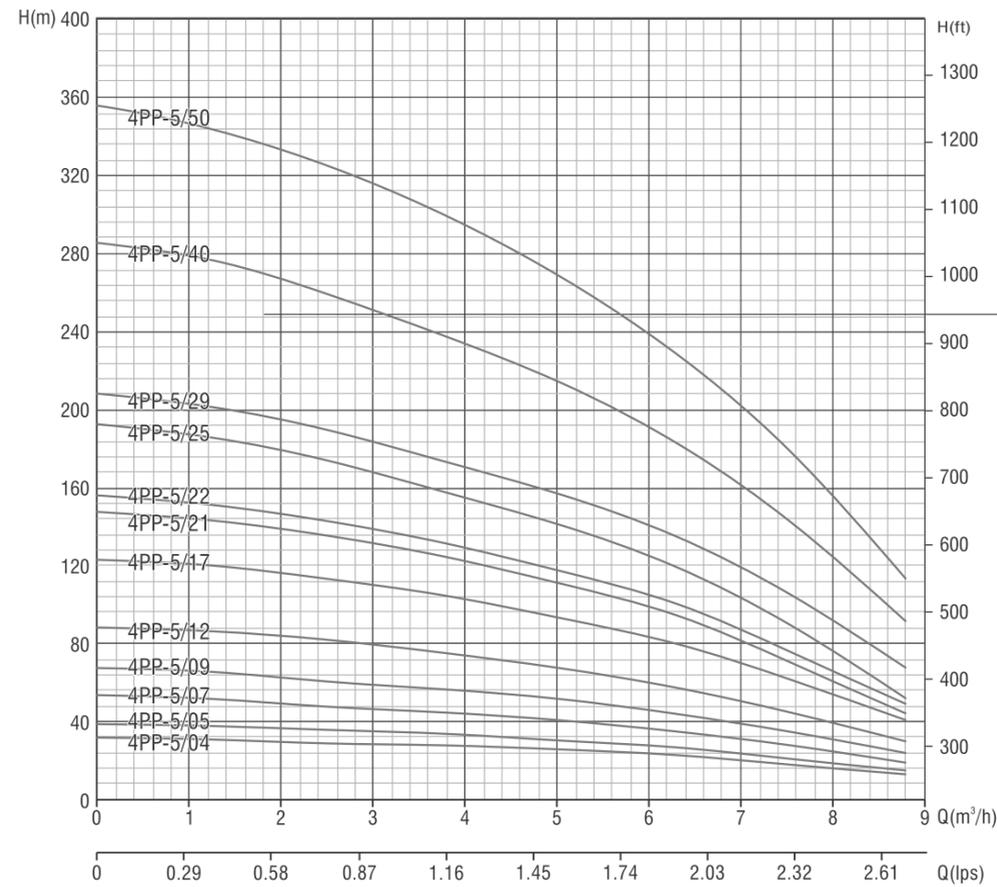
4PP-5

Nominal Flow: 5 m³/h

Outlet Size: 1½"

Performance Curve

2900 rpm



Model	Motor Power		Q(m ³ /h) Q(lps)	0	1.2	2.4	3.6	4.8	6	7.2	8.4
	kW	HP		0	0.33	0.67	1	1.33	1.67	2	2.33
4PP-5/04	0.37	0.5	Head(m)	28	27	25	24	21	19	14	9
4PP-5/05	0.55	0.75		35	34	32	29	26	23	17	11
4PP-5/07	0.75	1		50	48	44	41	37	33	24	15
4PP-5/09	1.1	1.5		64	62	57	53	48	42	31	20
4PP-5/12	1.5	2		85	83	75	71	64	56	41	26
4PP-5/17	2.2	3		120	117	107	100	90	80	58	37
4PP-5/21	3	4		148	145	132	124	111	99	72	46
4PP-5/22	3	4		156	151	138	130	117	103	75	48
4PP-5/27	4	5.5		194	185	170	159	143	127	90	59
4PP-5/29	4	5.5		206	199	183	171	154	136	98	64
4PP-5/40	5.5	7.5		284	275	252	236	212	188	136	88
4PP-5/50	7.5	10		355	344	315	295	265	235	170	110

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SUBMERSIBLE PUMPS



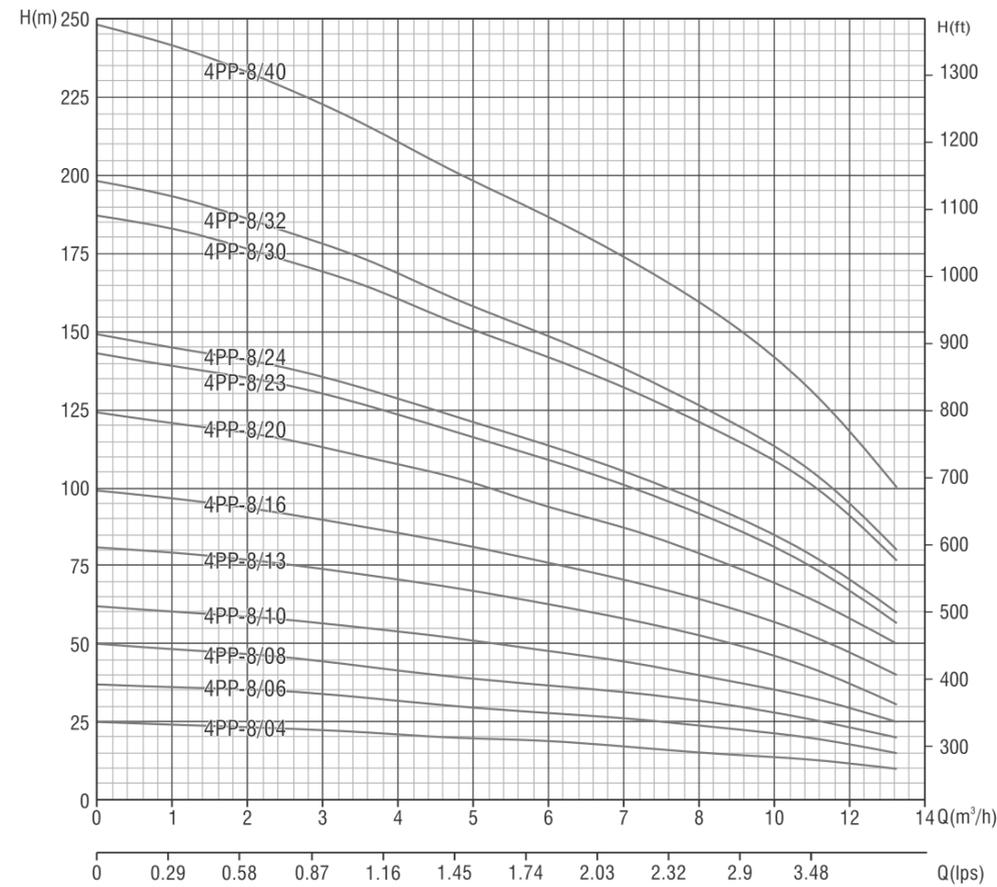
4PP-8

Nominal Flow: 8 m³/h

Outlet Size: 2"

Performance Curve

2900 rpm



Model	Motor Power		Q(m ³ /h) Q(lps)	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6	10.8
	kW	HP		0	0.33	0.67	1.00	1.33	1.67	2.00	2.33	2.67	3.00
4PP-8/04	0.55	0.75	Head(m)	25	24	23	21	20	19	17	16	13	10
4PP-8/06	0.75	1		37	36	35	32	29	28	26	25	20	15
4PP-8/08	1.1	1.5		50	48	46	42	39	38	35	33	26	20
4PP-8/10	1.5	2		62	60	58	53	49	48	44	41	33	25
4PP-8/13	2.2	3		81	78	75	69	64	62	57	53	43	33
4PP-8/16	2.2	3		99	96	93	85	78	74	70	66	53	40
4PP-8/20	3	4		124	120	116	106	98	92	88	82	66	50
4PP-8/23	4	5.5		143	138	133	122	113	106	101	94	76	58
4PP-8/24	4	5.5		149	144	139	127	118	110	105	98	79	60
4PP-8/30	5.5	7.5		186	180	174	159	147	138	132	122	99	75
4PP-8/32	5.5	7.5		198	192	186	170	157	147	141	131	106	80
4PP-8/40	7.5	10		248	240	232	212	196	184	176	164	132	100

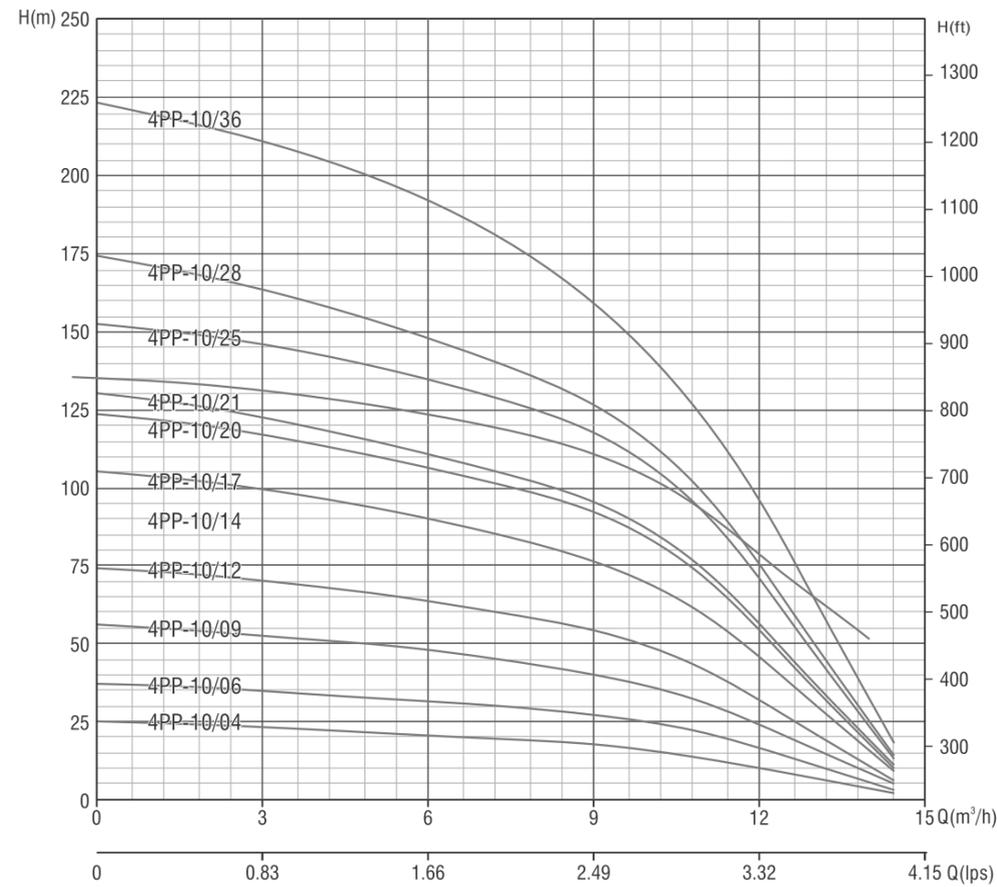
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4PP-10

Nominal Flow: 10 m³/h
Performance Curve

Outlet Size: 2"
2900 rpm



Model	Motor Power		Q(m ³ /h) Q(lps)	0	1.8	3.6	5.4	7.2	9	10.8	12.6	14.4
	kW	HP		0	30	60	90	120	150	180	210	240
4PP-10/04	0.75	1	Head(m)	25	24	22	21	20	18	14	8	2
4PP-10/06	1.1	1.5		37	36	34	32	30	27	22	13	3
4PP-10/09	1.5	2		56	54	50	49	45	41	32	19	5
4PP-10/12	2.2	3		74	72	67	65	60	54	43	25	6
4PP-10/14	3	4		93	90	84	81	75	67	54	32	8
4PP-10/17	3	4		105	102	95	92	85	76	61	36	9
4PP-10/20	4	5.5		124	120	111	108	100	90	72	42	10
4PP-10/21	4	5.5		130	126	117	113	105	95	76	44	11
4PP-10/25	5.5	7.5		155	150	140	135	125	113	90	53	13
4PP-10/28	5.5	7.5		174	168	157	151	140	126	101	59	14
4PP-10/36	7.5	10		223	216	202	194	180	162	130	76	18

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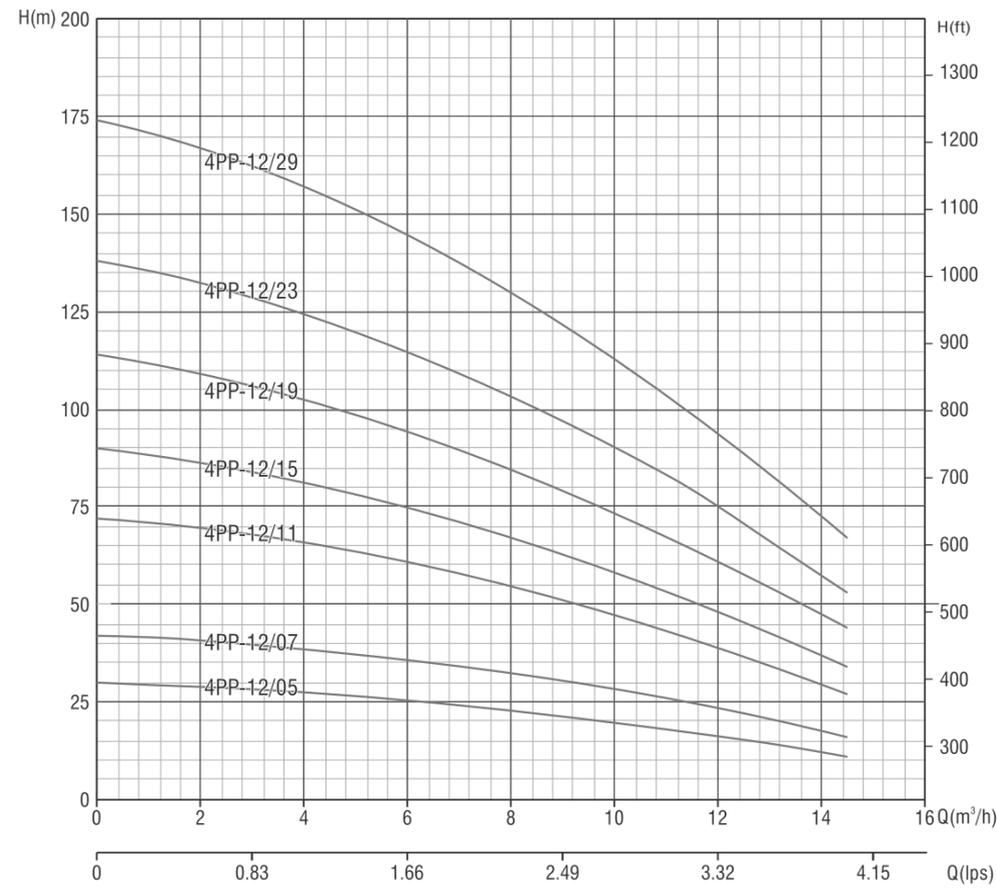
4PP-12

Nominal Flow: 12 m³/h

Outlet Size: 2"

Performance Curve

2900 rpm



Model	Motor Power		Q(m ³ /h) Q(lps)	0	1.8	3.6	5.4	7.2	9	10.8	12.6	14.4
	kW	HP		0	0.5	1	1.5	2	2.5	3	3.5	4
4PP-12/05	1.1	1.5	Head (m)	30	29	27	26	23	20	19	15	11
4PP-12/07	1.5	2		42	41	39	36	32	29	27	21	16
4PP-12/12	2.2	3		72	70	65	62	55	49	46	36	27
4PP-12/15	3	4		90	87	81	78	69	61	58	45	34
4PP-12/19	4	5.5		114	110	103	99	87	78	73	57	44
4PP-12/23	5.5	7.5		138	133	124	119	106	94	88	69	53
4PP-12/29	7.5	10		174	168	157	151	133	119	111	87	67

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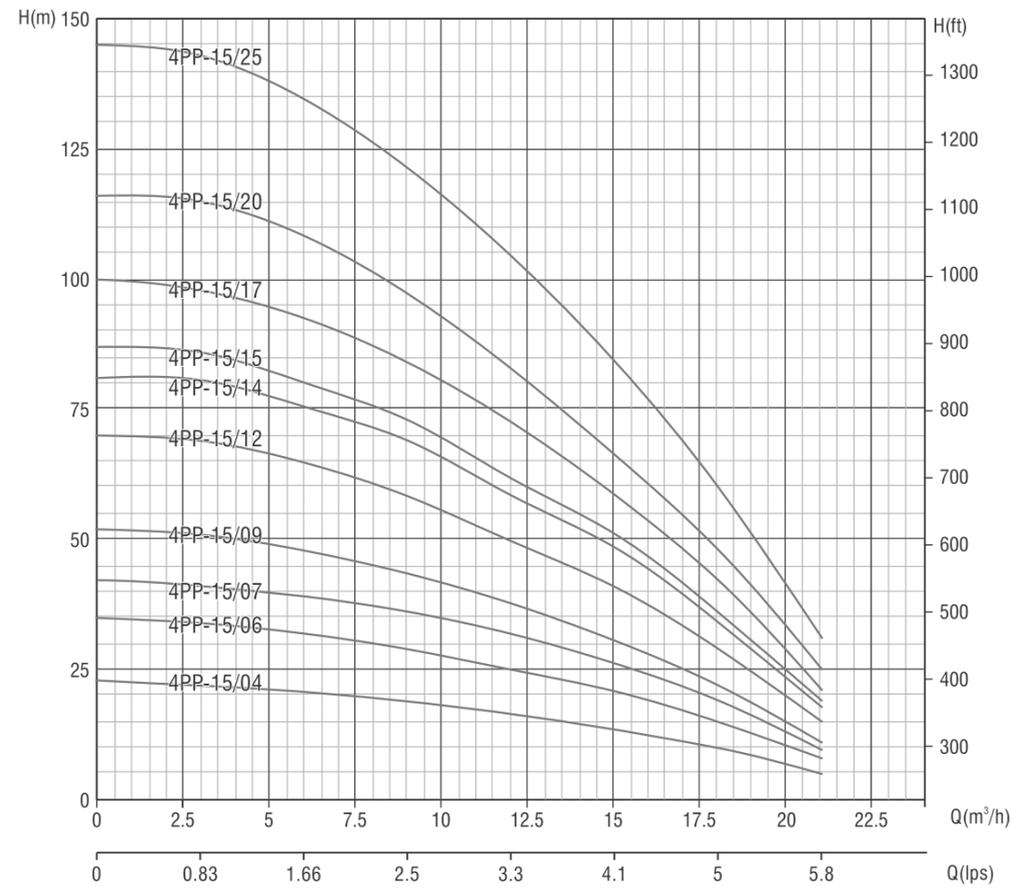
4PP-15

Nominal Flow: 15 m³/h

Outlet Size: 2"

Performance Curve

2900 rpm



Model	Motor Power		Q(m ³ /h) Q(lps)	0	3	6	9	12	15	18.0	21.0
	kW	HP		0	0.83	1.67	2.5	3.33	4.17	5	5.83
4PP-15/04	1.1	1.5	Head(m)	23	22	21	19	16	15	10	5
4PP-15/06	1.5	2		35	34	32	29	24	22	15	8
4PP-15/07	1.5	2		40	40	37	33	28	26	17	9
4PP-15/09	2.2	3		52	51	47	43	36	33	22	11
4PP-15/12	3	4		70	69	63	57	48	44	29	15
4PP-15/14	3	4		81	80	73	66	56	51	34	18
4PP-15/15	4	5.5		87	86	78	71	60	55	36	19
4PP-15/17	4	5.5		99	98	89	81	68	63	41	21
4PP-15/20	5.5	7.5		116	115	105	95	80	74	48	25
4PP-15/25	7.5	10		145	143	131	119	100	93	60	31

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ADAPTABILITY. **R**IGHT OPTION. **O**PPORTUNITY. **W**ORD OF TRUST



X-ORA SERIES

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