

TECHNICAL SHEET

Model	PVT/S
Capacity	0-110 m ³ /h
Head	0-305 m
DN	25-100 mm
Speed	2900 rpm
T max	120 °C
Power	0.37-45 kW
Voltage	220/380/400/440 V
HZ	50
Class	Class F/IP 55
Duty	S1 continuous
Casing	Grey Cast iron
Impeller	AISI304
Shaft	AISI304
Shaft seal	Mechanical Seal
Bearing	Grease lubrication rolling bearing

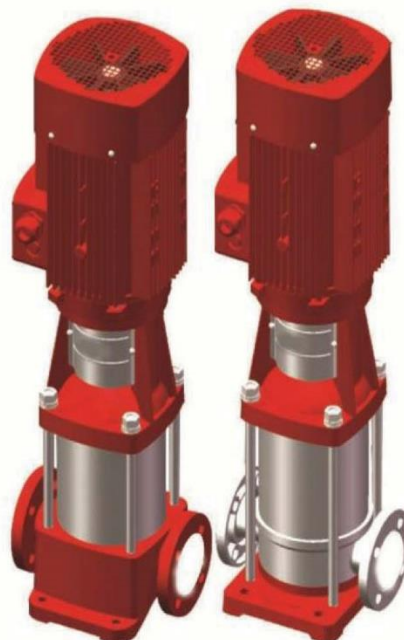
NEW

DESCRIPTION

- ♦ The jockey pump is designed to maintain the pressure on the fire protection system between preset limits when the system is not flowing water.
- ♦ Rated capacity not less than any normal leakage rate.
- ♦ Discharge pressure sufficient to maintain the desired fire protection system pressure.
- ♦ YE3 high efficient motor, with protection IP55 class F

Jockey

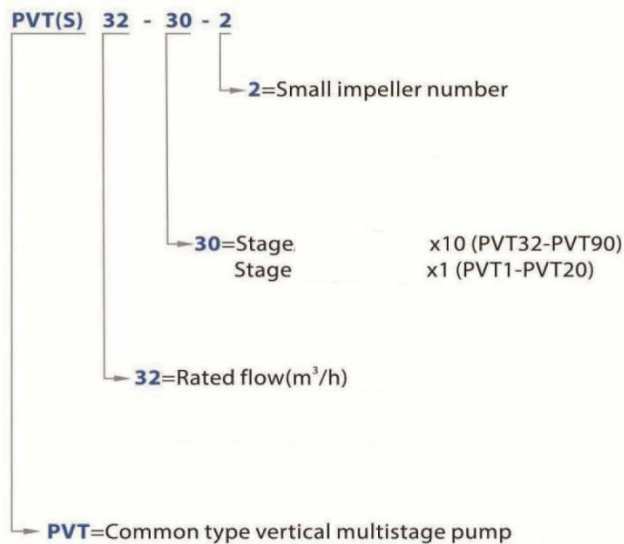
 Jockey pump to maintain the necessary pressure in the system



SS304 impeller type

MODEL CODE

For example



PVS = Pump with flow passage components in SS304



TECHNICAL DATA

50 Hz n=2900 1/min

MODEL	DN mm	Power		Q=DELIVERY															
		kw	hp	us gpm 1.8	2.6	3.5	4.4	5.3	6.2	7	7.9	8.8	10.6	12.3	13.2	14.1	15.4	15.9	17.6
				l/min 7	10	13	17	20	23	27	30	33	40	47	50	53	58	60	67
				m ³ /h 0.4	0.6	0.8	1	1.2	1.4	1.6	1.8	2	2.4	2.8	3	3.2	3.5	3.6	4
										H=Head (m)									
PVT 1-2	25x25	0.37	0.5	13	12.5	12	11.5	11	10.5	10	9.5	9	-	-	-	-	-	-	-
PVT 1-3	25x25	0.37	0.5	19	18	17.5	17	16.5	16	15	14	12	-	-	-	-	-	-	-
PVT 1-4	25x25	0.37	0.5	24	23.5	23	22.5	21.5	21	19	18	16	-	-	-	-	-	-	-
PVT 1-5	25x25	0.37	0.5	30	29.6	29	28	27	26	24	22	20	-	-	-	-	-	-	-
PVT 1-6	25x25	0.37	0.5	36	35.5	35	33.5	33	31	28	26	23	-	-	-	-	-	-	-
PVT 1-7	25x25	0.37	0.5	42	41	40.5	39	38	36	33	30	27	-	-	-	-	-	-	-
PVT 1-8	25x25	0.55	0.75	48	47	46	45	43	41	38	34	30	-	-	-	-	-	-	-
PVT 1-9	25x25	0.55	0.75	54	53	52	51	49	46	43	39	33	-	-	-	-	-	-	-
PVT 1-10	25x25	0.55	0.75	60	59	58	57	54	51	48	43	36	-	-	-	-	-	-	-
PVT 1-11	25x25	0.55	0.75	66	65	63	61	59	56	52	47	40	-	-	-	-	-	-	-
PVT 1-12	25x25	0.75	1	72	71	69	67	64	61	57	51	44	-	-	-	-	-	-	-
PVT 1-13	25x25	0.75	1	78	77	75	73	69	66	62	55	47	-	-	-	-	-	-	-
PVT 1-15	25x25	0.75	1	89	88	86	84	79	76	71	63	55	-	-	-	-	-	-	-
PVT 1-17	25x25	1.1	1.5	101	99	97	95	89	86	80	71	62	-	-	-	-	-	-	-
PVT 1-19	25x25	1.1	1.5	113	110	108	106	99	96	89	79	69	-	-	-	-	-	-	-
PVT 1-21	25x25	1.1	1.5	124	122	120	117	110	106	98	87	75	-	-	-	-	-	-	-
PVT 1-23	25x25	1.1	1.5	137	133	131	128	121	116	107	96	82	-	-	-	-	-	-	-
PVT 1-25	25x25	1.5	2	149	145	143	139	131	126	116	104	89	-	-	-	-	-	-	-
PVT 1-27	25x25	1.5	2	161	157	155	150	141	136	125	112	95	-	-	-	-	-	-	-
PVT 1-30	25x25	1.5	2	178	175	171	166	157	150	139	124	106	-	-	-	-	-	-	-
PVT 1-33	25x25	2.2	3	196	192	188	183	173	165	154	137	118	-	-	-	-	-	-	-
PVT 1-36	25x25	2.2	3	214	210	205	200	190	181	169	151	130	-	-	-	-	-	-	-
PVT 2-2	25x25	0.37	0.5	-	-	-	18	17	17	16	16	15	13	12	11	10	8	-	-
PVT 2-3	25x25	0.37	0.5	-	-	-	27	26	25	24	23	22	20	18	17	15	12	-	-
PVT 2-4	25x25	0.55	0.75	-	-	-	36	35	34	33	32	30	26	24	22	20	16	-	-
PVT 2-5	25x25	0.55	0.75	-	-	-	45	43	42	40	39	37	33	30	27	24	20	-	-
PVT 2-6	25x25	0.75	1	-	-	-	53	52	51	50	48	45	40	36	33	30	24	-	-
PVT 2-7	25x25	0.75	1	-	-	-	63	61	59	57	55	52	47	41	38	35	28	-	-
PVT 2-9	25x25	1.1	1.5	-	-	-	80	78	76	73	70	67	61	54	50	45	37	-	-
PVT 2-11	25x25	1.1	1.5	-	-	-	98	95	92	89	86	82	73	64	59	54	44	-	-
PVT 2-13	25x25	1.5	2	-	-	-	116	114	110	106	102	98	89	78	72	65	52	-	-
PVT 2-15	25x25	1.5	2	-	-	-	134	130	127	123	118	112	100	90	82	73	60	-	-
PVT 2-18	25x25	2.2	3	-	-	-	161	157	153	148	142	136	121	108	100	91	76	-	-
PVT 2-22	25x25	2.2	3	-	-	-	197	192	186	180	173	165	148	130	120	110	90	-	-
PVT 2-26	25x25	3	4	-	-	-	232	228	221	214	206	198	179	158	144	130	110	-	-
PVT 3-2	25x25	0.37	0.5	-	-	-	-	12.5	12	11.5	11	11	10.5	10	9	8	7	7	6
PVT 3-3	25x25	0.37	0.5	-	-	-	-	19	19	18.5	18	17.5	16.5	15	14	13	12	11	9
PVT 3-4	25x25	0.37	0.5	-	-	-	-	25	25	24	24	23	21.5	20	19	18	16	15	12
PVT 3-5	25x25	0.37	0.5	-	-	-	-	31	31	30	30	29	27	25	23	22	20	19	16
PVT 3-6	25x25	0.55	0.75	-	-	-	-	36	36	35	35	34	32	30	28	27	24	23	19
PVT 3-7	25x25	0.55	0.75	-	-	-	-	43	42	41	40	39	37	34	32	31	28	27	22
PVT 3-8	25x25	0.75	1	-	-	-	-	49	48	47	46	45	43	39	37	35	32	31	25
PVT 3-9	25x25	0.75	1	-	-	-	-	55	54	53	52	51	48	45	42	40	36	35	28
PVT 3-10	25x25	0.75	1	-	-	-	-	61	60	59	58	57	54	50	47	45	41	39	31
PVT 3-11	25x25	1.1	1.5	-	-	-	-	67	66	64	63	61	58	54	51	49	44	42	34
PVT 3-12	25x25	1.1	1.5	-	-	-	-	73	72	70	69	67	63	58	55	52	47	45	37
PVT 3-13	25x25	1.1	1.5	-	-	-	-	78	77	76	75	73	69	64	60	57	51	49	40
PVT 3-15	25x25	1.1	1.5	-	-	-	-	90	89	88	86	84	79	73	69	66	59	57	46
PVT 3-17	25x25	1.5	2	-	-	-	-	103	102	100	98	96	90	83	79	75	67	64	52
PVT 3-19	25x25	1.5	2	-	-	-	-	115	114	112	110	107	100	92	88	83	75	72	58
PVT 3-21	25x25	2.2	3	-	-	-	-	128	126	124	122	119	112	102	98	91	82	79	64
PVT 3-23	25x25	2.2	3	-	-	-	-	140	138	135	133	130	122	112	107	100	90	86	70
PVT 3-25	25x25	2.2	3	-	-	-	-	151	149	147	144	141	131	122	116	109	98	94	76
PVT 3-27	25x25	2.2	3	-	-	-	-	164	162	159	156	152	143	132	124	117	105	101	82
PVT 3-29	25x25	2.2	3	-	-	-	-	175	173	170	167	163	153	142	133	126	113	109	88
PVT 3-31	25x25	3	4	-	-	-	-	187	185	182	179	175	165	153	142	135	121	116	94
PVT 3-33	25x25	3	4	-	-	-	-	199	197	194	191	187	176	163	151	145	130	125	100
PVT 3-36	25x25	3	4	-	-	-	-	218	215	212	208	204	192	178	168	159	143	137	109

PVS also available

Performance curve in page

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TECHNICAL DATA

50 Hz n=2900 1/min

MODEL	DN	Power		Q=DELIVERY/														
				35 133	44 167	53 200	62 233	70 267	79 300	88 333	97 367	106 400	115 433	123 467	141 533	159 600	176 667	
	mm	kw	hp	l/min m³/h	8	10	12	14	16	18 H=Head	20	22	24 (m)	26	28	32	36	40
PVT 16-2	50x50	2.2	3	27	26	25	24	22	21	19	16	-	-	-	-	-	-	-
PVT 16-3	50x50	3	4	41	40	38	37	34	32	29	25	-	-	-	-	-	-	-
PVT 16-4	50x50	4	5.5	54	53	52	49	46	43	38	34	-	-	-	-	-	-	-
PVT 16-5	50x50	5.5	7.5	68	67	65	62	58	54	48	43	-	-	-	-	-	-	-
PVT 16-6	50x50	5.5	7.5	82	80	78	74	70	64	58	52	-	-	-	-	-	-	-
PVT 16-7	50x50	7.5	10	96	95	91	87	82	76	68	61	-	-	-	-	-	-	-
PVT 16-8	50x50	7.5	10	110	108	104	99	94	86	77	70	-	-	-	-	-	-	-
PVT 16-10	50x50	11	15	138	136	131	125	118	109	97	87	-	-	-	-	-	-	-
PVT 16-12	50x50	11	15	166	162	157	150	141	130	116	105	-	-	-	-	-	-	-
PVT 16-14	50x50	15	20	194	190	184	175	166	152	136	122	-	-	-	-	-	-	-
PVT 16-16	50x50	15	20	222	217	210	200	189	174	156	140	-	-	-	-	-	-	-
PVT 20-1	50x50	1.1	1.5	-	13.5	13	12.5	12	11	10	9	8	7	6	-	-	-	-
PVT 20-2	50x50	2.2	3	-	27	26.5	26	25	24	23	22	20	18	15	-	-	-	-
PVT 20-3	50x50	4	5.5	-	40	39.5	39	38	37	35	33	30	27	24	-	-	-	-
PVT 20-4	50x50	5.5	7.5	-	54	53	52	51	49	47	44	41	37	33	-	-	-	-
PVT 20-5	50x50	5.5	7.5	-	67	66	64	62	60	58	55	50	45	40	-	-	-	-
PVT 20-6	50x50	7.5	10	-	81	79	77	75	73	70	66	61	55	49	-	-	-	-
PVT 20-7	50x50	7.5	10	-	95	93	91	89	86	82	77	71	65	58	-	-	-	-
PVT 20-8	50x50	11	15	-	109	107	105	102	99	94	89	82	75	67	-	-	-	-
PVT 20-10	50x50	11	15	-	136	134	131	128	124	118	111	103	95	85	-	-	-	-
PVT 20-12	50x50	15	20	-	164	162	158	154	149	142	133	124	114	102	-	-	-	-
PVT 20-14	50x50	15	20	-	192	189	185	180	174	166	156	145	133	119	-	-	-	-
PVT 20-17	50x50	18.5	25	-	234	230	225	219	212	202	190	177	162	145	-	-	-	-
PVT 32-10-1	65x65	1.5	2	-	-	-	-	14	14	13	13	12	12	11	9	7	4	
PVT 32-10	65x65	2.2	3	-	-	-	-	18	18	17	16	15	15	14	13	11	8	
PVT 32-20-2	65x65	3	4	-	-	-	-	29	29	28	27	26	25	23	20	16	11	
PVT 32-20	65x65	4	5.5	-	-	-	-	36	35	34	33	32	31	29	27	23	18	
PVT 32-30-2	65x65	5.5	7.5	-	-	-	-	47	46	44	43	41	40	38	33	28	21	
PVT 32-30	65x65	5.5	7.5	-	-	-	-	54	53	51	50	48	46	44	40	35	27	
PVT 32-40-2	65x65	7.5	10	-	-	-	-	65	64	62	60	58	56	53	46	40	30	
PVT 32-40	65x65	7.5	10	-	-	-	-	72	71	69	67	65	62	59	53	47	37	
PVT 32-50-2	65x65	11	15	-	-	-	-	83	81	79	77	74	71	68	60	52	41	
PVT 32-50	65x65	11	15	-	-	-	-	90	88	86	84	81	78	74	67	59	47	
PVT 32-60-2	65x65	11	15	-	-	-	-	101	99	97	94	90	87	83	74	65	51	
PVT 32-60	65x65	11	15	-	-	-	-	108	106	104	101	97	94	90	81	72	57	
PVT 32-70-2	65x65	15	20	-	-	-	-	119	117	114	111	107	103	98	88	78	60	
PVT 32-70	65x65	15	20	-	-	-	-	126	124	121	117	113	109	105	95	85	67	
PVT 32-80-2	65x65	15	20	-	-	-	-	136	134	131	127	123	119	114	102	90	71	
PVT 32-80	65x65	15	20	-	-	-	-	144	141	138	134	130	125	120	109	97	77	
PVT 32-90-2	65x65	18.5	25	-	-	-	-	154	151	148	144	140	135	129	117	102	82	
PVT 32-90	65x65	18.5	25	-	-	-	-	162	159	156	152	147	142	136	124	109	88	
PVT 32-100-2	65x65	18.5	25	-	-	-	-	175	171	166	162	157	152	146	131	115	91	
PVT 32-100	65x65	18.5	25	-	-	-	-	182	178	173	169	164	158	152	138	122	98	
PVT 32-110-2	65x65	22	30	-	-	-	-	193	189	184	179	173	169	164	146	128	102	
PVT 32-110	65x65	22	30	-	-	-	-	200	196	191	186	180	174	168	153	135	109	
PVT 32-120-2	65x65	22	30	-	-	-	-	211	206	201	195	189	184	178	160	140	113	
PVT 32-120	65x65	22	30	-	-	-	-	218	213	208	202	196	190	184	167	147	120	
PVT 32-130-2	65x65	30	40	-	-	-	-	230	224	218	212	206	200	193	174	153	124	
PVT 32-130	65x65	30	40	-	-	-	-	237	231	225	219	213	207	200	181	160	131	
PVT 32-140-2	65x65	30	40	-	-	-	-	247	241	235	229	222	216	210	189	165	135	
PVT 32-140	65x65	30	40	-	-	-	-	255	249	242	236	229	223	216	196	172	142	
PVT 32-150-2	65x65	30	40	-	-	-	-	266	260	253	246	239	232	224	203	178	145	
PVT 32-150	65x65	30	40	-	-	-	-	274	267	260	253	246	239	231	210	185	152	
PVT 32-160-2	65x65	30	40	-	-	-	-	284	277	270	263	255	248	240	218	190	156	
PVT 32-160	65x65	30	40	-	-	-	-	292	285	277	270	262	254	246	225	197	163	

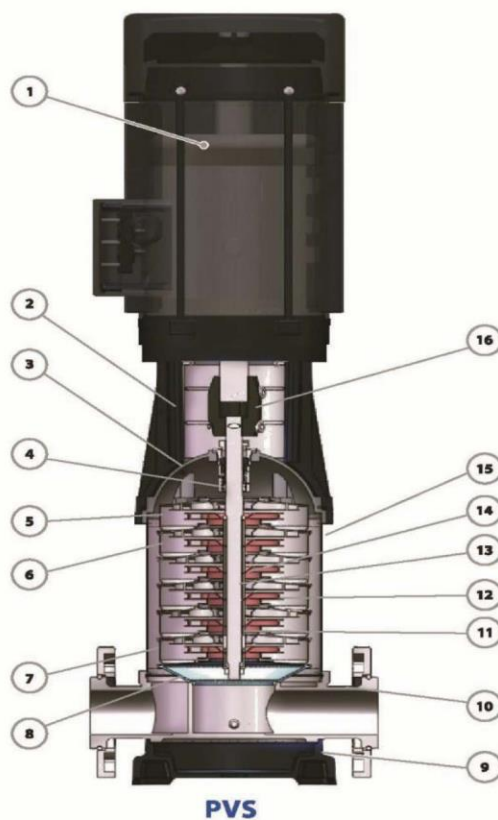
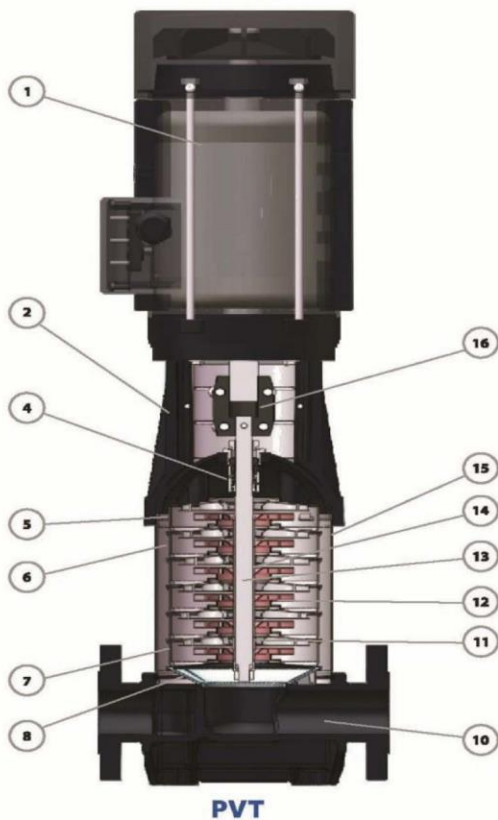
PVS also available

Performance curve in page

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MATERIAL DESCRIPTION



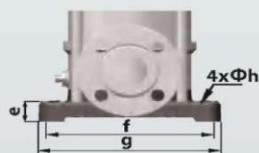
No.	Description	Material
1	Motor	IP55 Class F
2	Pump Case	Cast iron
3	Seal Base	SS304
4	Mechanical Seal	SS304
5	Top Diffuser	SS304
6	Diffuser	SS304
7	Support Diffuser	SS304
8	Inducer	SS304

No.	Description	Material
9	Base Plate	Cast iron
10	Inlet&Outlet Chamber	PVT:Cast iron PVS:SS304
11	Bearing	Tungsten Carbide
12	Impeller	SS304
13	Shaft	SS304
14	Impeller Sleeve	SS304
15	Cylinder	SS304
16	Coupling	Carbon Steel

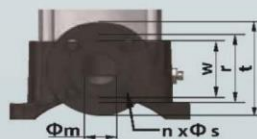
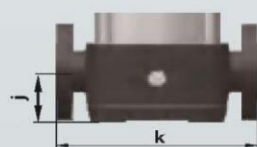


DIMENSIONS AND WEIGHT

MODEL					COMMON	kg
	B1	B	D1	D2		
1-2	258	483	148	117		20
1-3	276	501	148	117		20
1-4	294	519	148	117		21
1-5	312	537	148	117		21
1-6	330	555	148	117		22
1-7	348	573	148	117		23
1-8	366	591	148	117		24
1-9	384	609	148	117		25
1-10	402	627	148	117		26
1-11	420	645	148	117		26
1-12	448	693	170	142		29
1-13	466	711	170	142		30
1-15	502	747	170	142		31
1-17	538	783	170	142		33
1-19	574	819	170	142		34
1-21	610	855	170	142		35
1-23	646	891	170	142		36
1-25	692	982	190	155		42
1-27	728	1018	190	155		43
1-30	782	1072	190	155		45
1-33	836	1126	190	155		49
1-36	890	1180	190	155		51
2-2	258	483	148	117	DN=25	20
2-3	276	501	148	117	a=50	20
2-4	294	519	148	117	b=100	22
2-5	312	537	148	117	c=150	23
2-6	340	585	170	142	d=210	26
2-7	358	603	170	142	e=20	26
2-9	394	639	170	142	f=180	26
2-11	430	675	170	142	g=210	28
2-13	476	766	190	155	h=13	29
2-15	512	802	190	155	j=75	35
2-18	566	856	190	155	k=250	36
2-22	638	928	190	155	m=32	41
2-26	720	1065	197	165	n=4	42
3-2	258	483	148	117	r=85	52
3-3	276	501	148	117	s=14	20
3-4	294	519	148	117	t=115	20
3-5	312	537	148	117	w=60	21
3-6	330	555	148	117		23
3-7	348	573	148	117		24
3-8	376	621	170	142		27
3-9	394	639	170	142		28
3-10	412	657	170	142		28
3-11	430	675	170	142		29
3-12	448	693	170	142		30
3-13	466	711	170	142		31
3-15	502	747	170	142		32
3-17	548	838	190	155		38
3-19	584	874	190	155		39
3-21	620	910	190	155		42
3-23	656	946	190	155		43
3-25	692	982	190	155		44
3-27	728	1018	190	155		45
3-29	764	1054	190	155		46
3-31	810	1155	197	165		54
3-33	846	1191	197	165		55
3-36	900	1245	197	165		57
4-2	276	501	148	117	DN=32	21
4-3	303	528	148	117	a=50	22
4-4	340	585	170	142	b=100	25
4-5	367	612	170	142	c=150	27
4-6	394	639	170	142	d=210	27
4-7	431	721	190	155	e=20	33
4-8	458	748	190	155	f=180	33
4-10	512	802	190	155	g=210	33
4-12	566	856	190	155	h=13	37
4-14	630	975	197	165	j=75	38
4-16	684	1029	197	165	k=250	46
4-19	765	1120	230	188	m=32	48
4-22	846	1201	230	188	n=4	57
8-2-1	347	592	170	142	r=100	59
8-2	347	592	170	142	s=18	32
8-3	377	622	170	142	t=140	32
8-4	417	707	190	155	w=60	34
8-5	447	737	190	155		40
8-6	477	767	190	155		44
8-8	547	892	197	165		45
8-10	607	962	230	188		53
8-12	667	1022	230	188		64
8-14	747	1137	260	208		66
8-16	807	1197	260	208		81
8-18	867	1257	260	208		84
8-20	927	1317	260	208		88
10-1	347	592	170	142		93
10-2	347	592	170	142		94
10-3	377	622	170	142		40
10-4	417	707	190	155		41
10-5	447	737	190	155		43
10-6	477	767	190	155		49
10-7	517	862	197	165		53
10-8	547	892	197	165		54
10-9	577	922	197	165		64
10-10	607	962	230	188		65
10-12	667	1022	230	188		66
10-14	747	1137	260	208		74
10-16	807	1197	260	208		76
10-18	867	1257	260	208		100
10-20	927	1317	260	208		102
10-22	987	1377	260	208		107
12-2	367	657	190	155		109
12-3	397	687	190	155		111
12-4	437	782	197	165		
12-5	467	812	197	165		
12-6	497	852	230	188		
12-7	547	937	260	208		
12-8	577	967	260	208		
12-9	607	997	260	208		
12-10	637	1027	260	208		
12-12	697	1087	260	208		
12-14	845	1345	330	255		
12-16	905	1405	330	255		
12-18	965	1465	330	255		



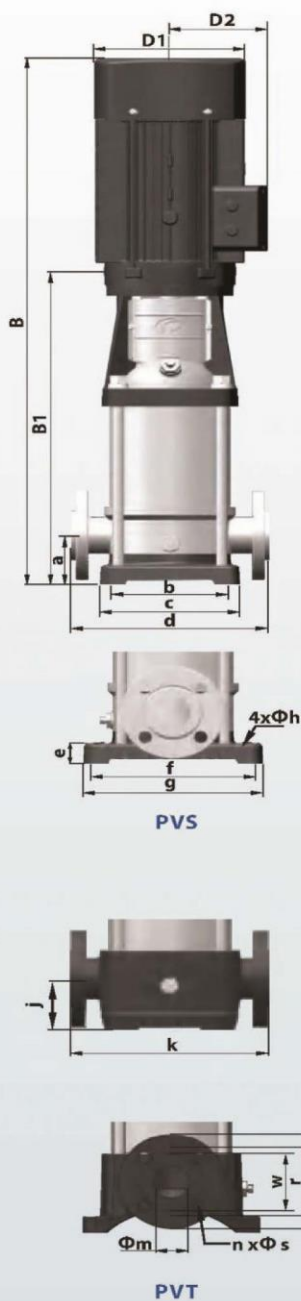
PVS



PVT



DIMENSIONS AND WEIGHT

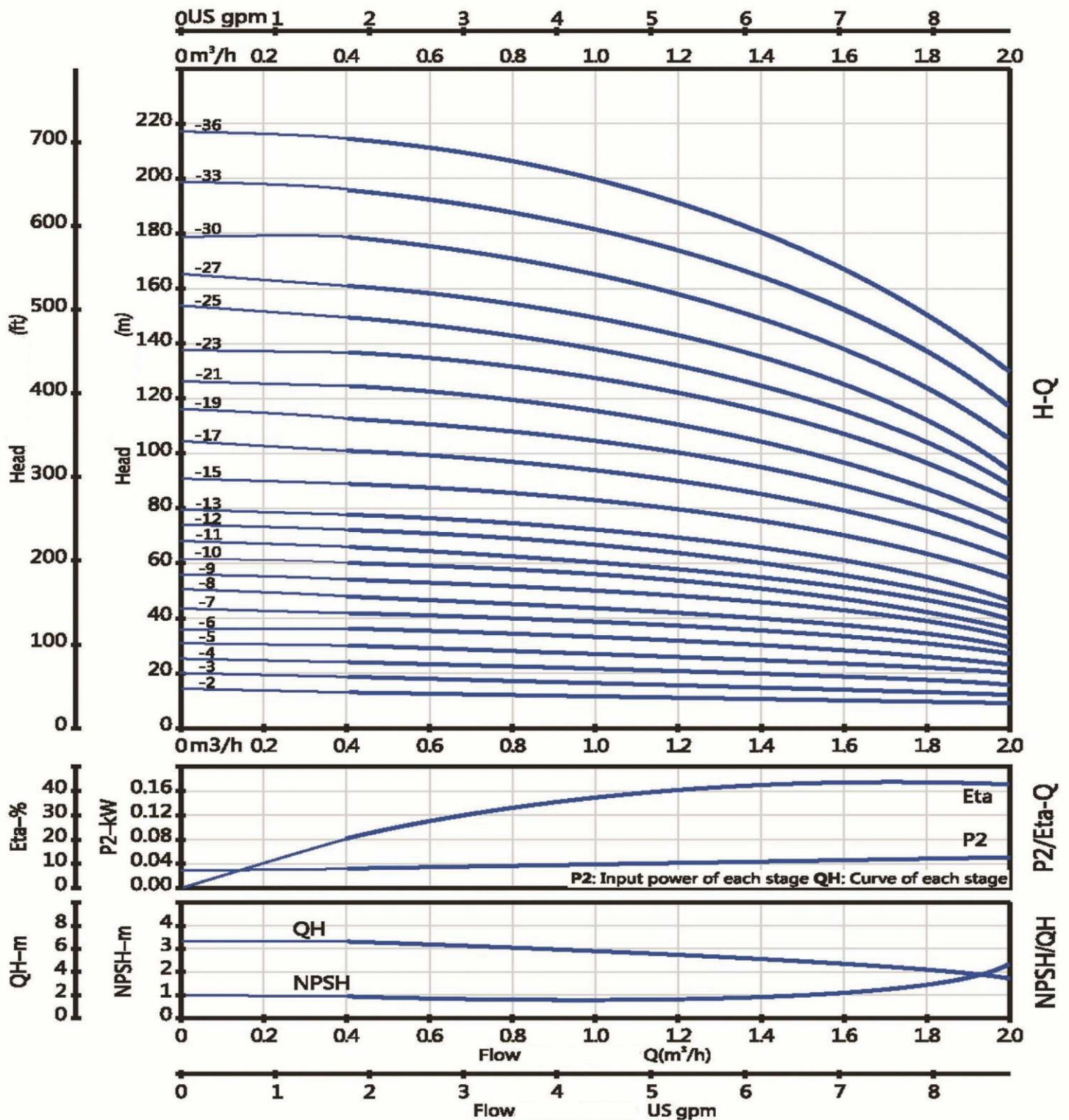


MODEL	B1	B	D1	D2	COMMON	kg	MODEL	B1	B	D1	D2	COMMON	kg
16-2	397	687	190	155	DN=50 a=90 b=130 c=199 d=260 e=35 f=215 g=247 h=14 j=90 k=300 m=50 n=4 r=125 s=18 t=165 w=80	42	45-10-1	561	906	197	165	DN=80 a=140 b=190 c=245 d=365 e=45 f=266 g=330 h=14 j=140 k=365 m=80 n=8 r=160 s=18 t=200 w=120	83
16-3	452	797	197	165		50	45-10	561	916	230	188		90
16-4	497	852	230	188		59	45-20-2	641	1031	260	208		105
16-5	562	952	260	208		76	45-20	641	1031	260	208		110
16-6	607	997	260	208		77	45-30-2	826	1326	330	255		183
16-7	652	1042	260	208		84	45-30	826	1326	330	255		183
16-8	697	1087	260	208		86	45-40-2	906	1406	330	255		197
16-10	875	1375	330	255		158	45-40	906	1406	330	255		197
16-12	965	1465	330	255		161	45-50-2	986	1536	330	255		221
16-14	1055	1555	330	255		174	45-50	986	1536	330	255		221
16-16	1145	1645	330	255		178	45-60-2	1066	1641	360	285		261
20-1	387	632	170	142		33	45-60	1066	1641	360	285		261
20-2	397	687	190	155		42	45-70-2	1146	1796	400	310		320
20-3	452	807	230	188		58	45-70	1146	1796	400	310		320
20-4	517	907	260	208		74	45-80-2	1226	1876	400	310		324
20-5	562	952	260	208		76	45-80	1226	1876	400	310		324
20-6	607	997	260	208		82	45-90-2	1306	1956	400	310		328
20-7	652	1042	260	208		84	45-90	1306	1956	400	310		352
20-8	785	1285	330	255		153	45-100-2	1386	2036	400	310		355
20-10	875	1375	330	255		157	45-100	1386	2036	400	310		355
20-12	965	1465	330	255		170	45-110-2	1466	2151	450	345		426
20-14	1055	1555	330	255		172	45-110	1466	2151	450	345		426
20-17	1190	1740	330	255		195	45-120-2	1546	2231	450	345		432
32-10-1	505	795	190	155	DN=65 a=105 b=170 c=225 d=320 e=30 f=240 g=298 h=14 j=105 k=320 m=74 n=8 r=145 s=18 t=185 w=107	64	45-120	1546	2231	450	345		432
32-10	505	795	190	155		68	45-130-2	1626	2311	450	345		438
32-20-2	575	920	197	165		77	64-10-1	561	916	230	188	DN=100 a=140 b=190 c=245 d=365 e=45 f=266 g=330 h=14 j=140 k=365 m=100 n=8 r=180 s=18 t=220 w=150	93
32-20	575	930	230	188		85	64-10	561	951	260	208		105
32-30-2	645	1035	260	208		100	64-20-2	644	1034	260	208		110
32-30	645	1035	260	208		100	64-20-1	754	1254	330	255		182
32-40-2	715	1105	260	208		109	64-20	754	1254	330	255		182
32-40	715	1105	260	208		109	64-30-2	836	1336	330	255		196
32-50-2	890	1390	330	255		181	64-30-1	836	1336	330	255		197
32-50	890	1390	330	255		181	64-30	836	1386	330	255		221
32-60-2	960	1460	330	255		185	65-40-2	919	1469	330	255		225
32-60	960	1460	330	255		185	64-40-1	919	1494	360	285		258
32-70-2	1030	1530	330	255		199	64-40	919	1494	360	285		258
32-70	1030	1530	330	255		199	64-50-2	1001	1651	400	310		319
32-80-2	1100	1600	330	255		203	64-50-1	1001	1651	400	310		319
32-80	1100	1600	330	255		203	64-50	1001	1651	400	310		320
32-90-2	1170	1720	330	255		222	64-60-2	1084	1734	400	310		325
32-90	1170	1720	330	255		222	64-60-1	1084	1734	400	310		349
32-100-2	1240	1790	330	255		227	64-60	1084	1734	400	310		349
32-100	1240	1790	330	255		227	64-70-2	1166	1816	400	310		353
32-110-2	1310	1885	360	285		272	64-70-1	1166	1816	400	310		353
32-110	1310	1885	360	285		272	64-70	1166	1851	460	340		420
32-120-2	1380	1955	360	285		276	64-80-2	1248	1933	460	340		424
32-120	1380	1955	360	285		276	64-80-1	1248	1933	460	340		424
32-130-2	1450	2100	400	310		337	90-10-1	571	961	260	208	DN=100 a=140 b=199 c=255 d=380 e=45 f=280 g=348 h=14 j=140 k=380 m=100 n=8 r=180 s=18 t=220 w=150	105
32-130	1450	2100	400	310		337	90-10	571	961	260	208		110
32-140-2	1520	2170	400	310		341	90-20-2	773	1273	330	255		181
32-140	1520	2170	400	310		341	90-20	773	1273	330	255		192
32-150-2	1590	2240	400	310		345	90-30-2	865	1415	330	255		215
32-150	1590	2240	400	310		345	90-30	865	1440	360	285		252
32-160-2	1660	2310	400	310		350	90-40-2	957	1607	400	310		312
32-160	1660	2310	400	310		350	90-40	957	1607	400	310		312
							90-50-2	1049	1699	400	310		336
							90-50	1049	1699	400	310		336
							90-60-2	1141	1826	460	340		407
							90-60	1141	1826	460	340		407



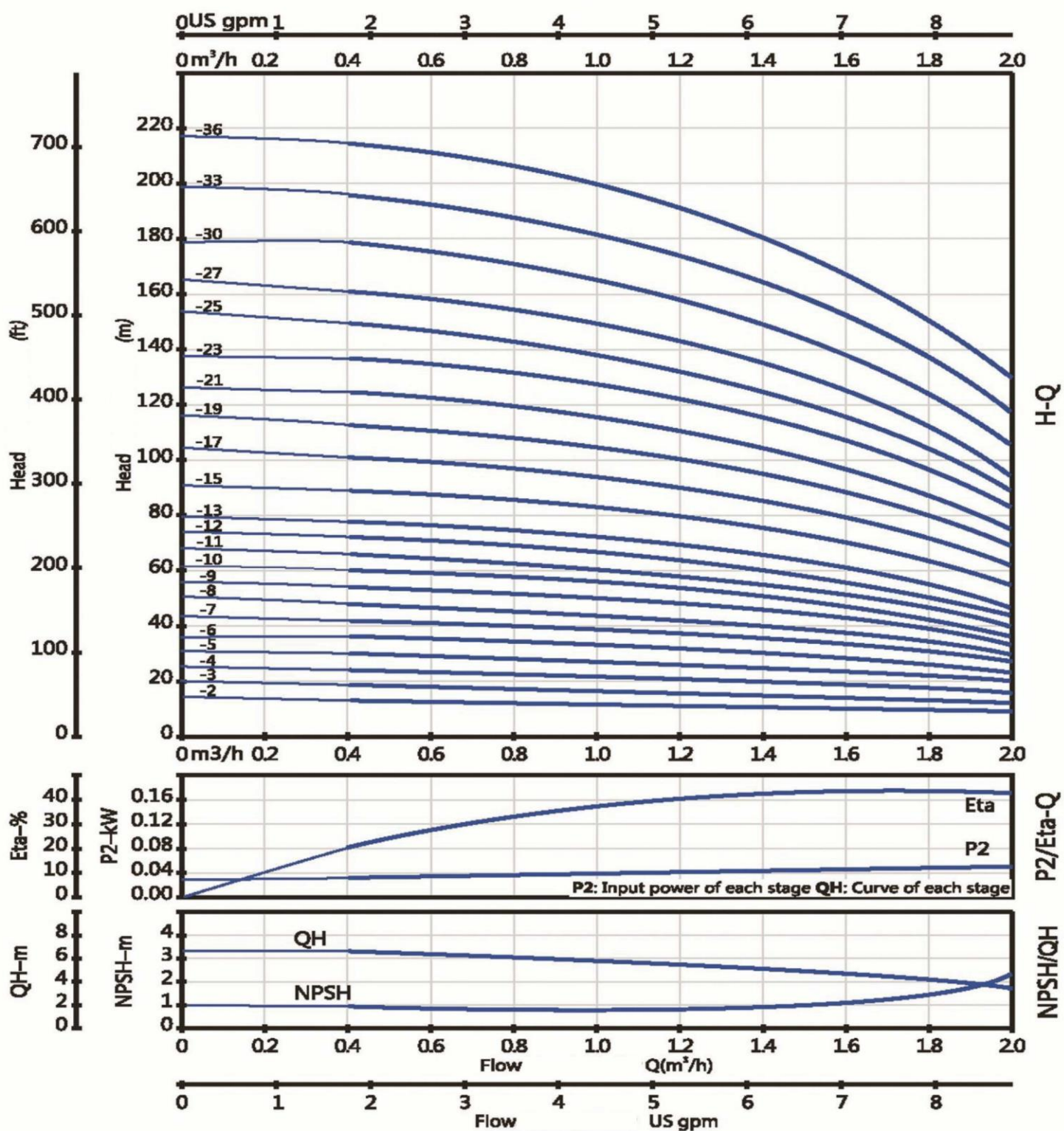
PVT(S)1

2900rpm



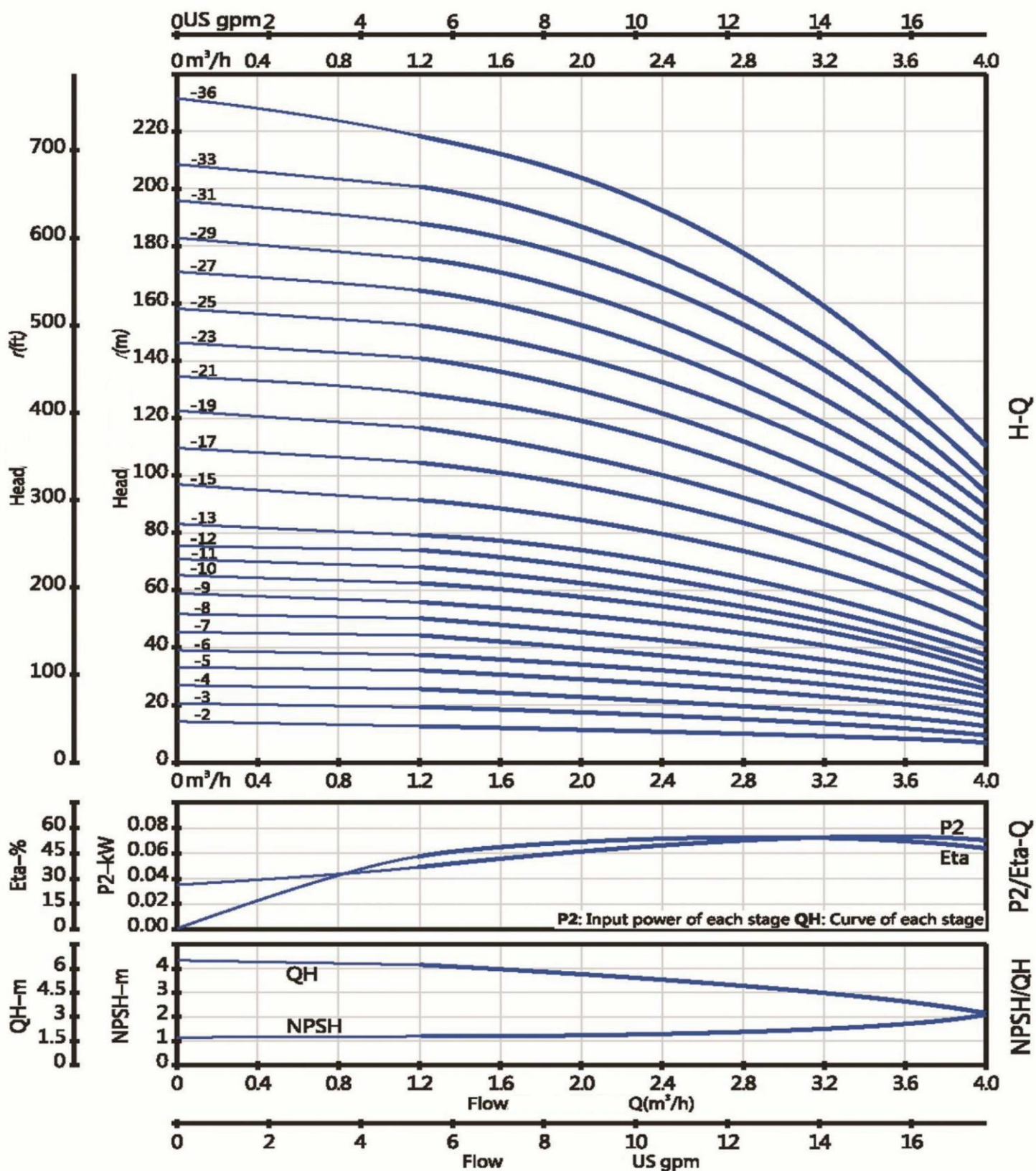
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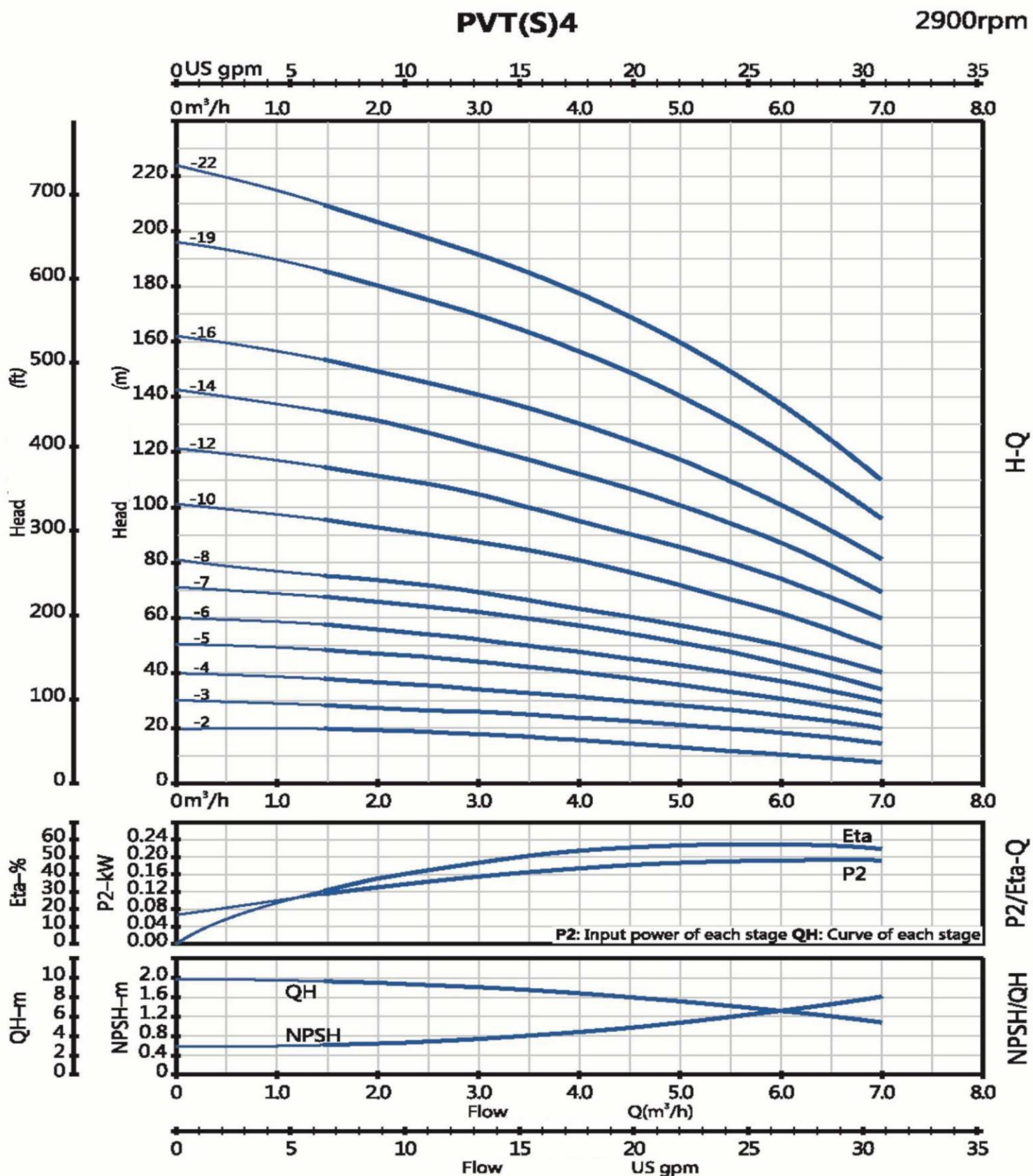
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PVT(S)3

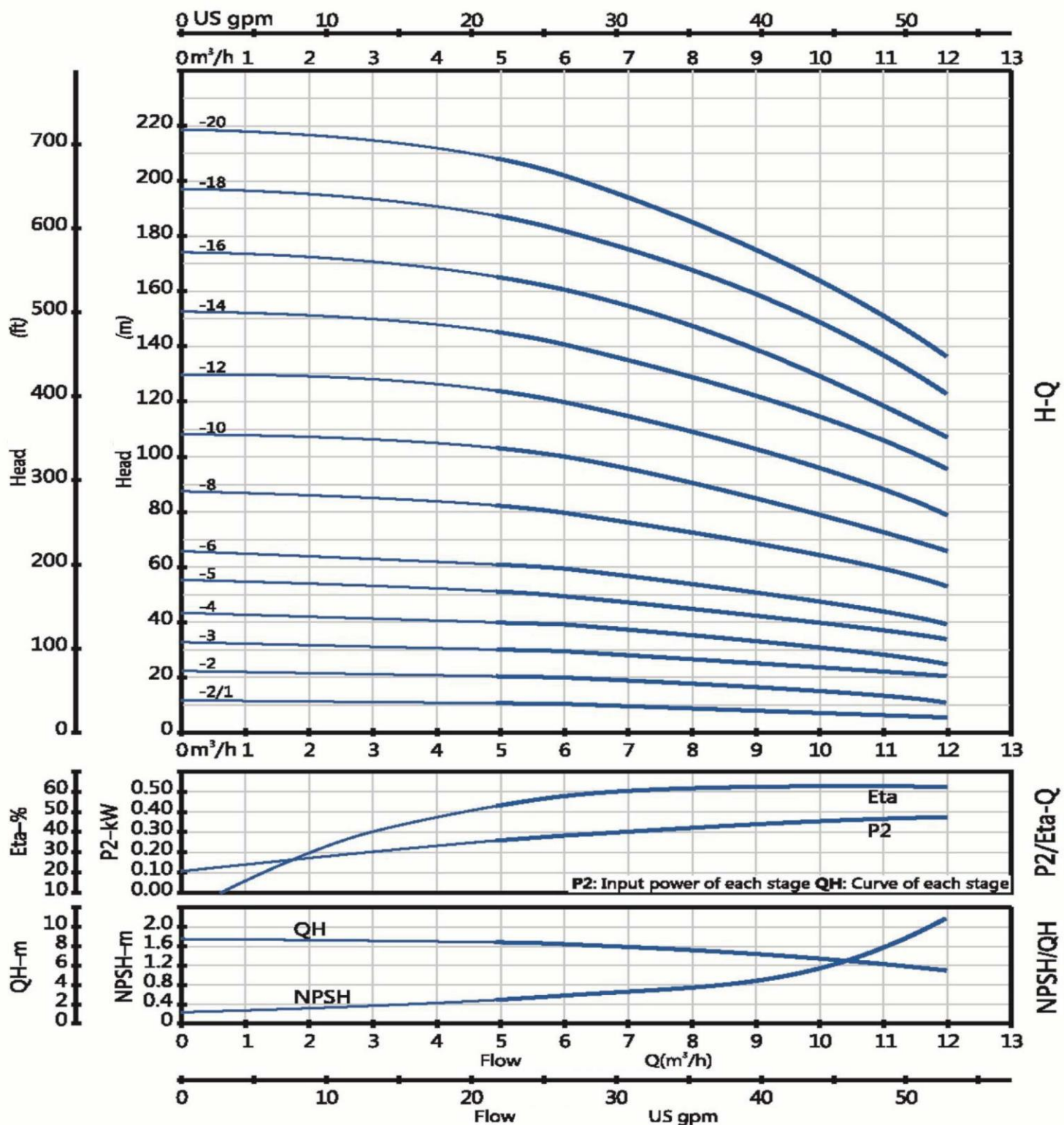
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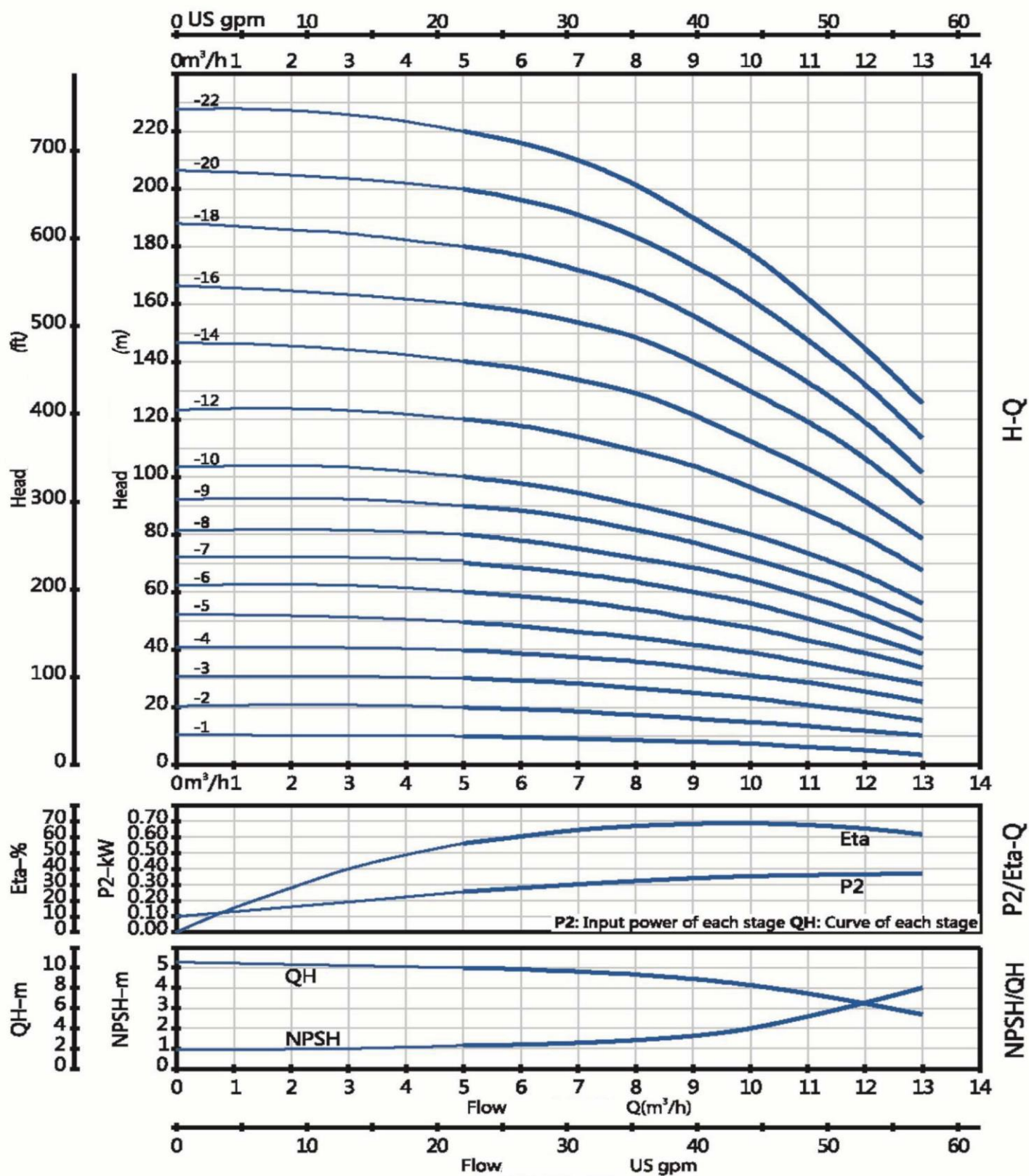
PVT(S)8

2900rpm



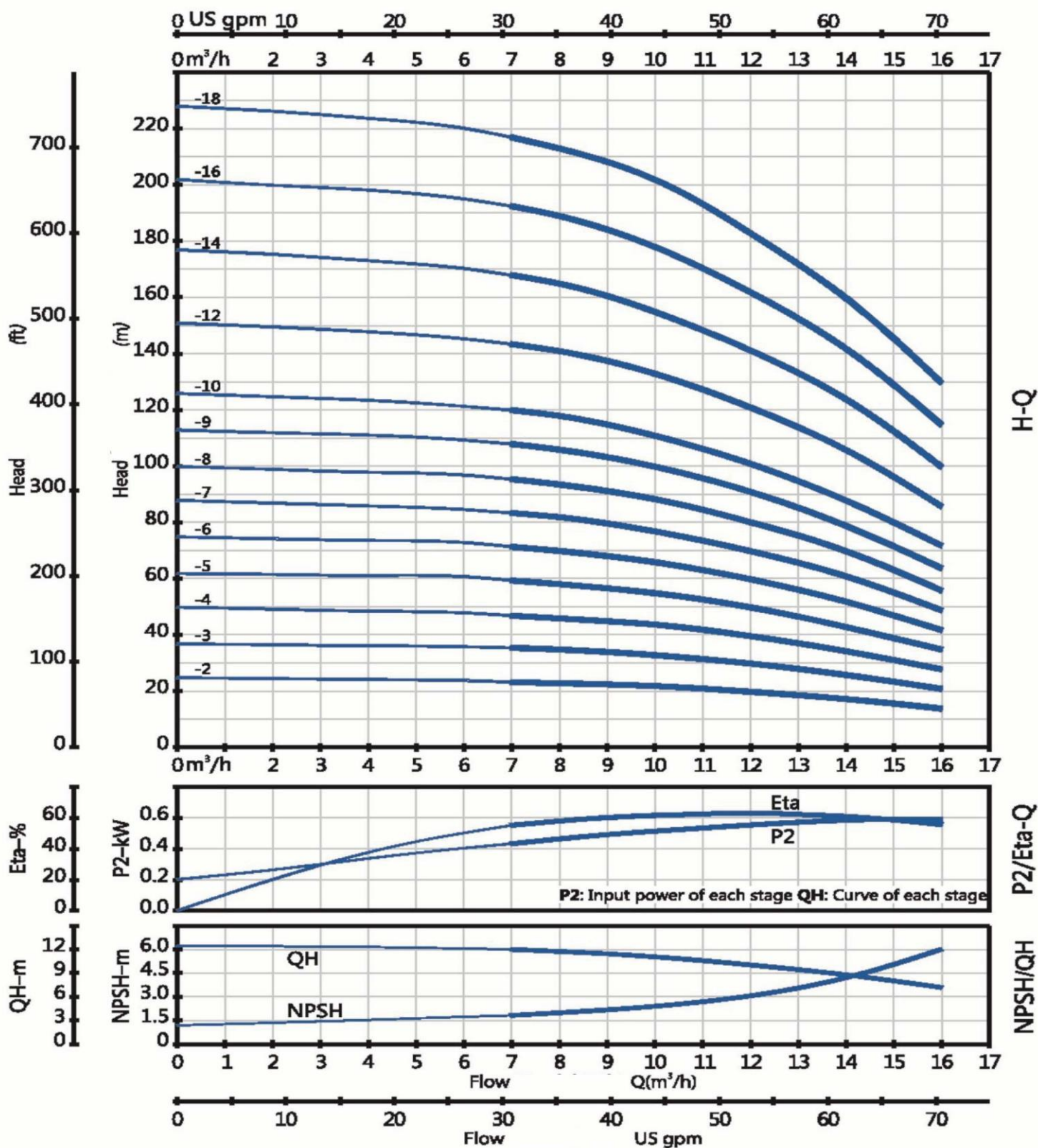
PVT(S)10

2900rpm



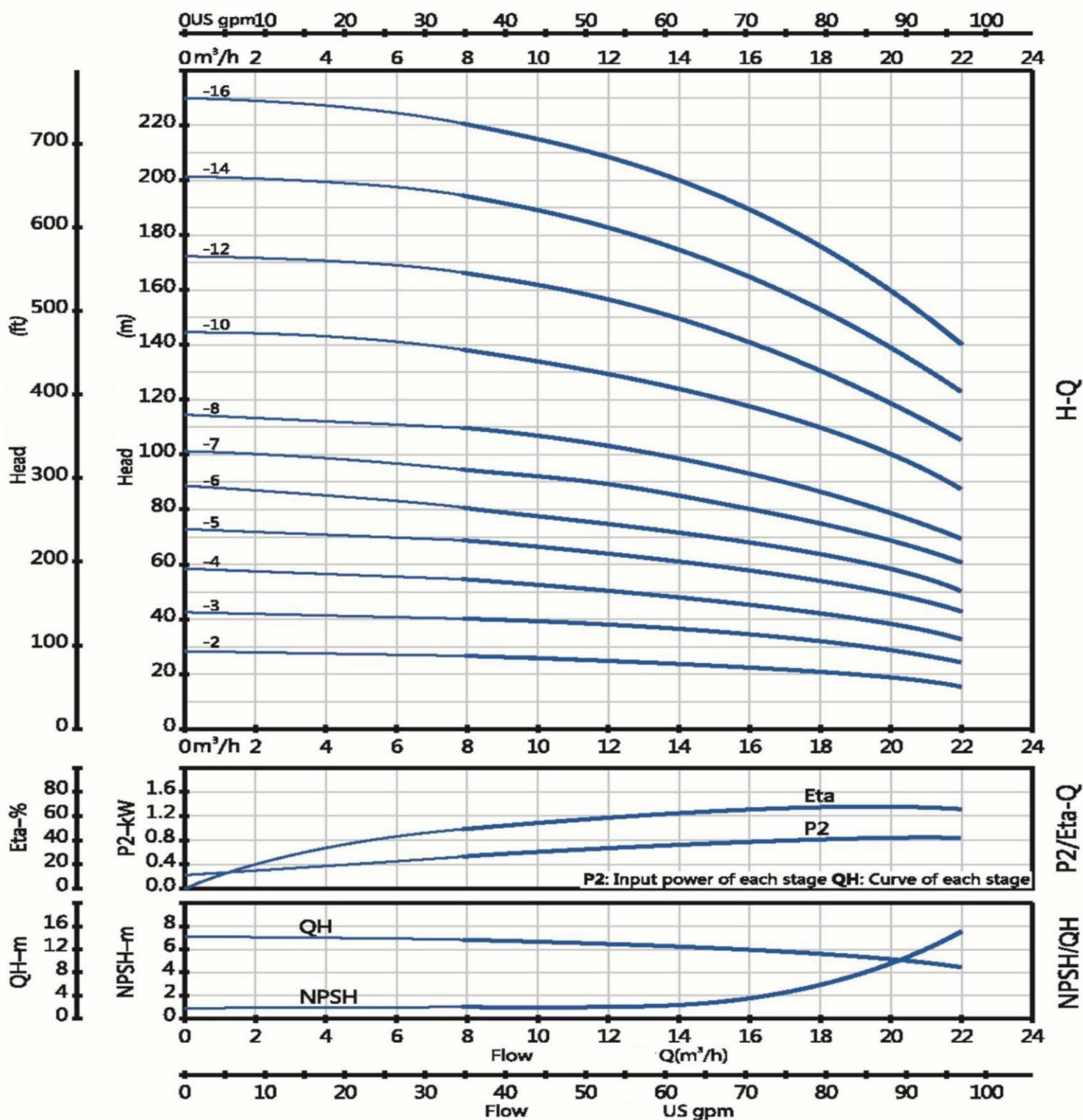
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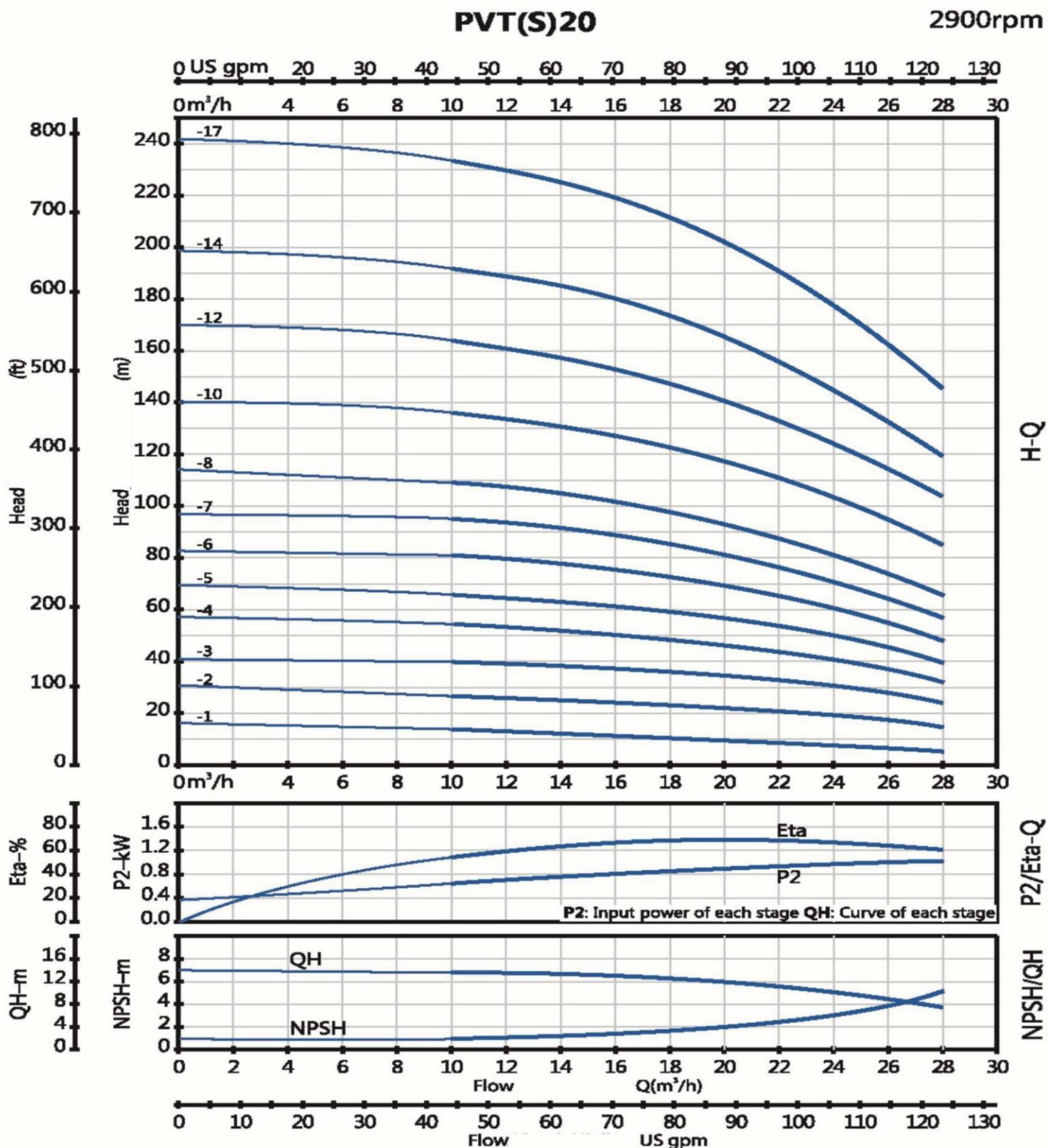
2900rpm



PVT(S)16

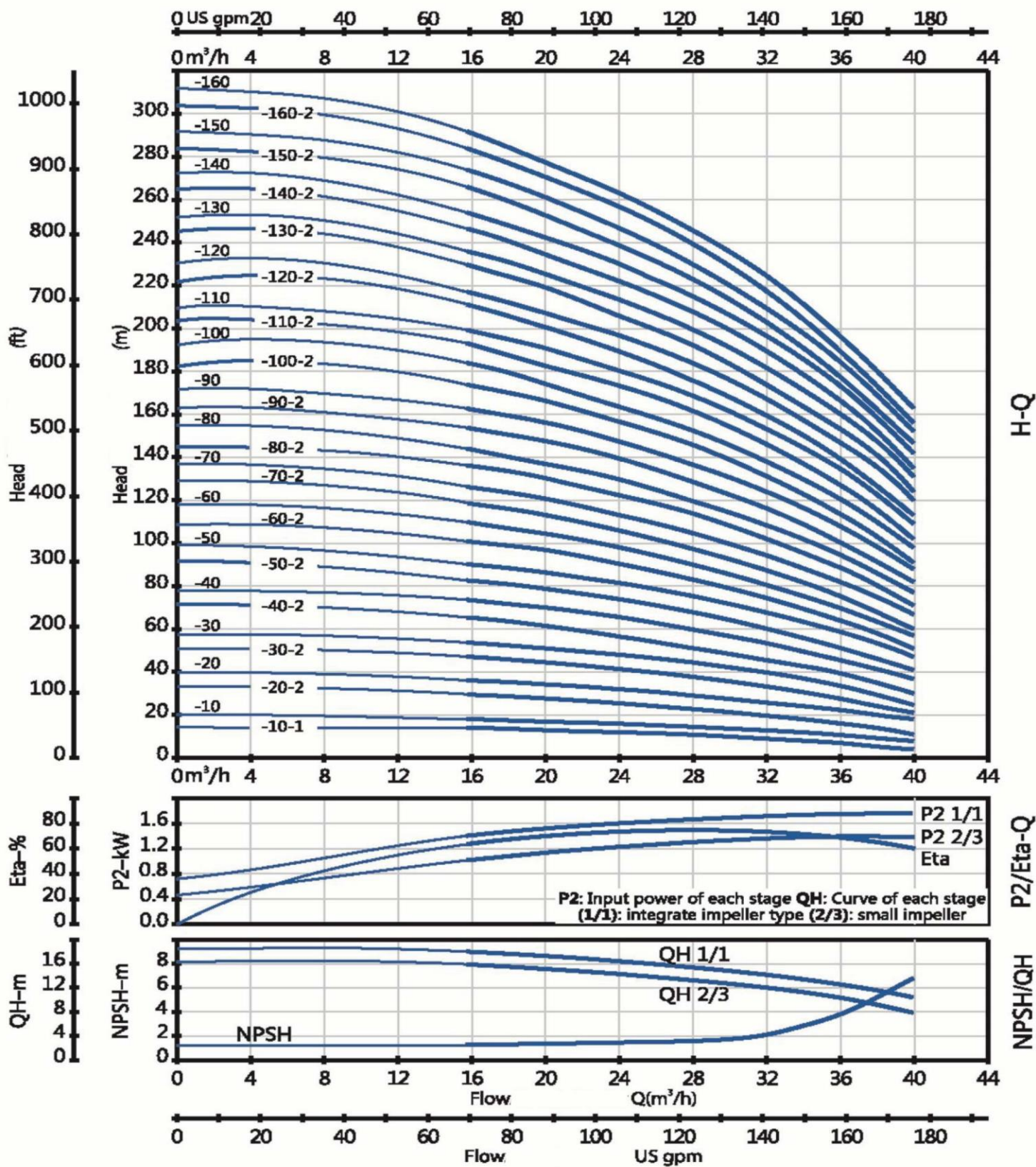
2900rpm





PVT(S)32

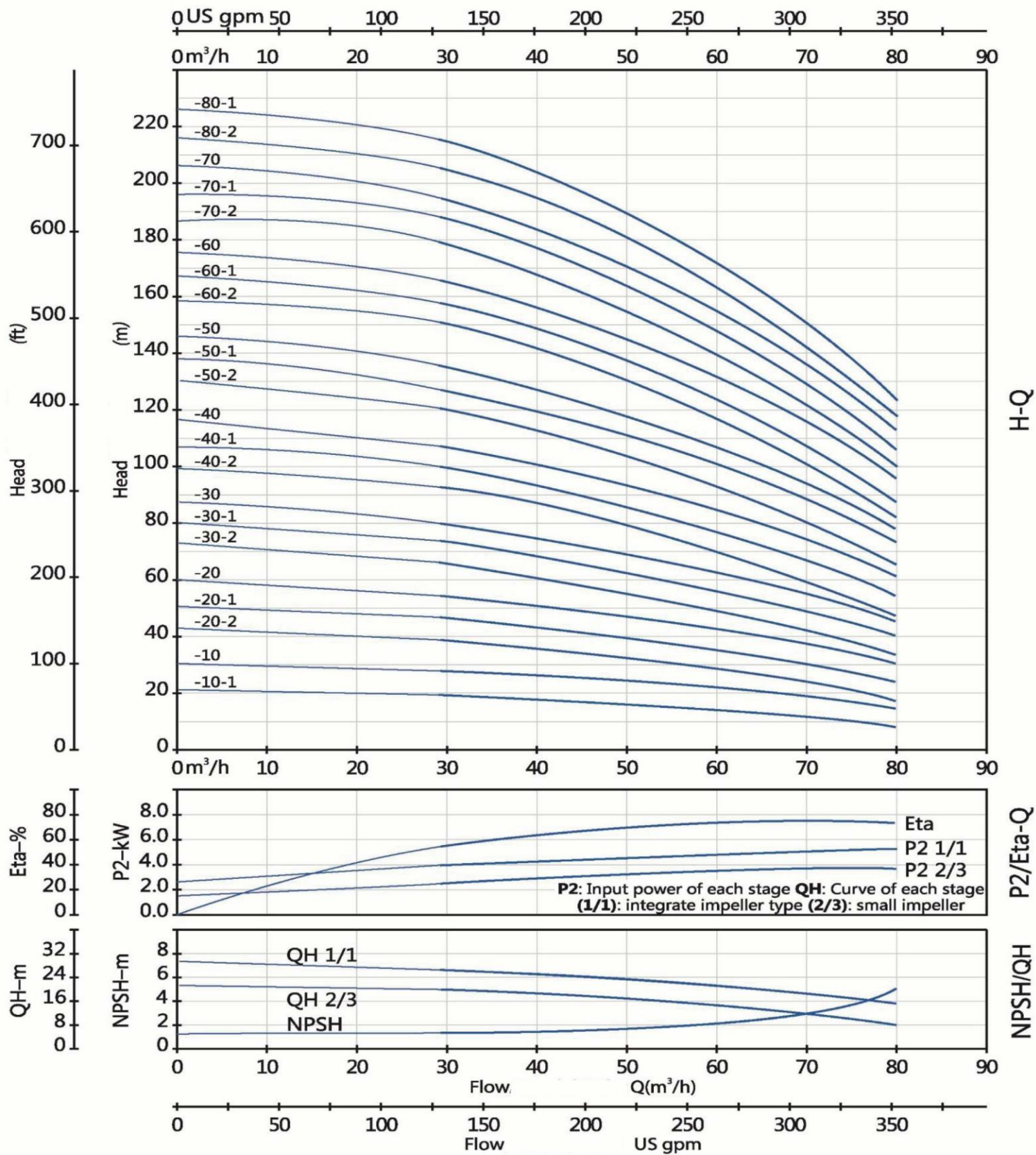
2900rpm





PVT(S)64

2900rpm



PVT(S)90

2900rpm

