



NEW DESCRIPTION

- ◆ New design noiseless, energy-saving multistage pump
- ◆ Ensuring durability and easy in operation
- ◆ A wide range of products will meet every requirement
- ◆ YE3 high efficient motor, with protection IP55 class F
- ◆ Impeller in techno-polimer
- ◆ Suction and discharge port in cast iron G20 thread
- ◆ Quality NSK bearing, wear resistance mechanical seal
- ◆ Compact and proportional design

PV

Vertical multistage centrifugal pump

APPLICATIONS

- ◆ The high efficiency and noiseless operation which allows these pumps to be used in conditions households, irrigation, car washes, fire protection systems, air conditioning and lifting installations water pressure in the network.

USING LIMITS

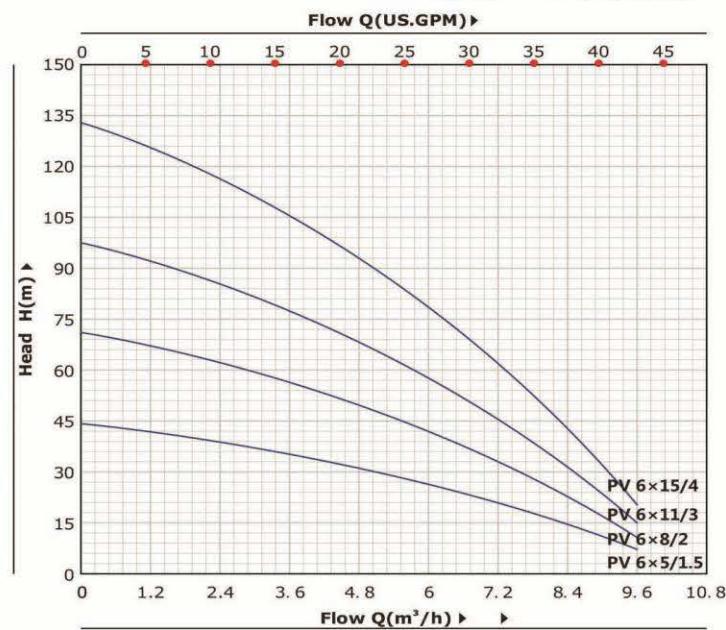
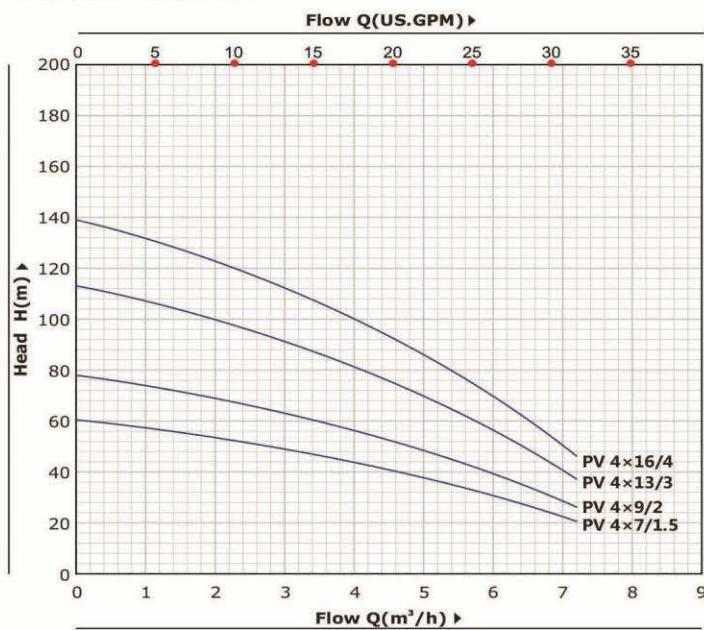
- ◆ Liquid temperature between **-10°C** and **+120°C**
- ◆ Ambient temperature between **-10°C** and **+50°C**
- ◆ Max. working pressure **25 bar**
- ◆ Continuous service **S1**

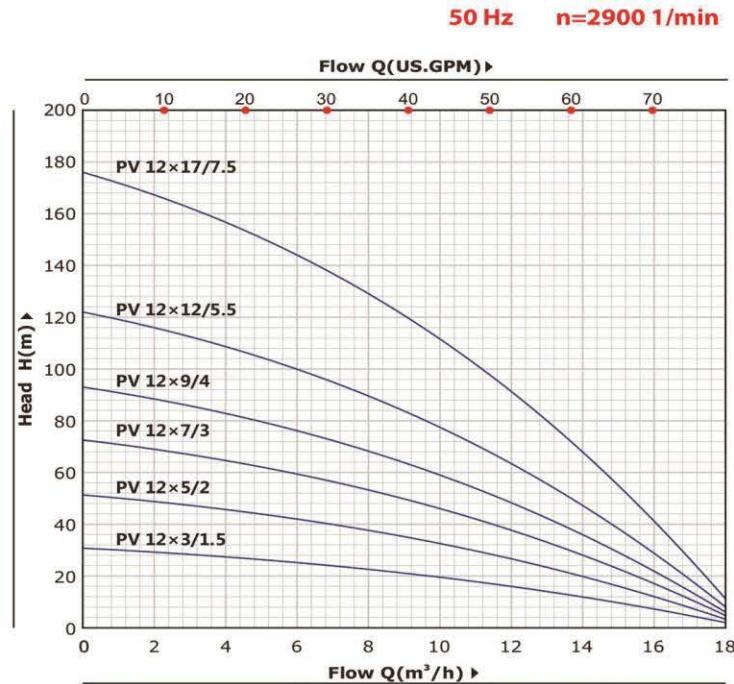
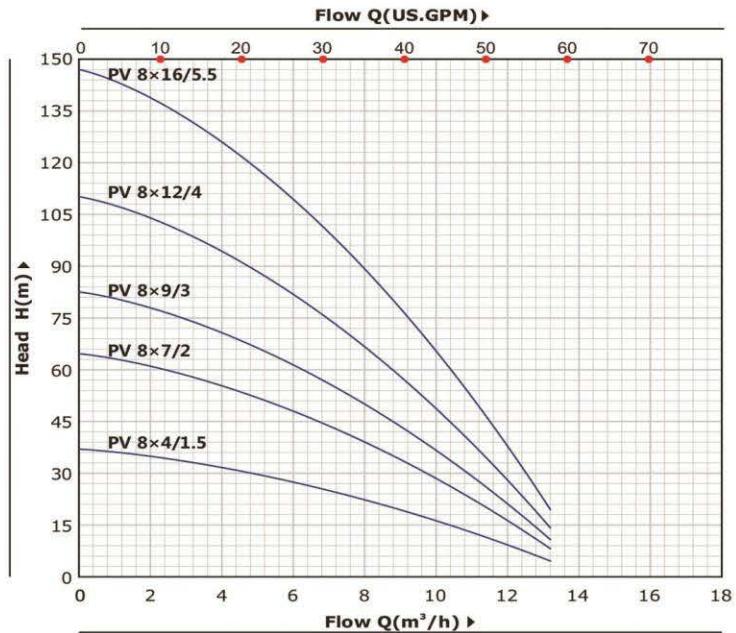
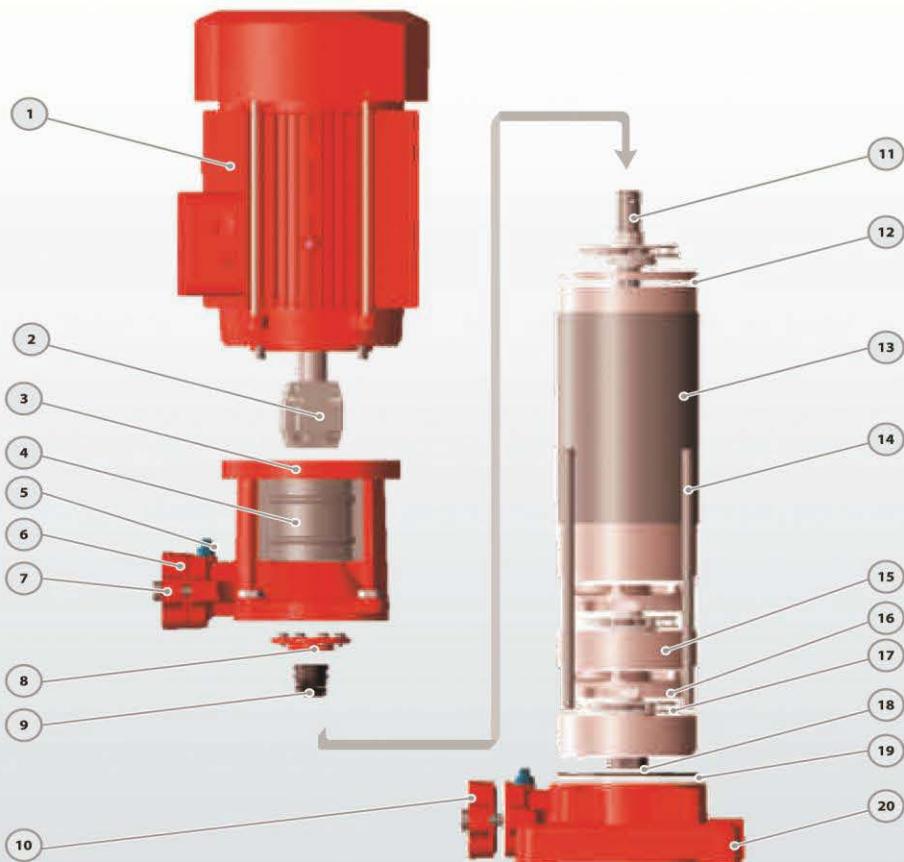


TECHNICAL DATA
50 Hz n=2900 1/min

MODEL	Power		us gpm l/min m³/h	Q=DELIVERY																		DN mm	
	0	5		11	13	16	19	21	24	26	29	32	37	42	48	53	58	63	69	74	79		
	kw	hp		m³/h	0	1.2	2.4	3	3.6	4.2	4.8	5.4	6	6.6	7.2	8.4	9.6	10.8	12	13.2	14.4	15.6	
PV 4x7/1.5	1.1	1.5		60.7	56.8	52.1	49	45.9	42.8	38.9	35	30.3	25.7	20.2								25x25	
PV 4x9/2	1.5	2		78	73	67	63	59	55	50	45	39	33	26								25x25	
PV 4x13/3	2.2	3		113	105	96.8	91	85.2	79.4	72.2	65	56.3	47.7	37.5								25x25	
PV 4x16/4	3	4		139	130	119	112	105	97.8	88.9	80	69.3	58.7	46.2								25x25	
PV 6x5/1.5	1.1	1.5		44.4		135.5	33.3	30.9	28.4	26.1	23.4	20.2	14.3	6.8								32x32	
PV 6x8/2	1.5	2		71.1		56.7	53.2	49.5	45.5	41.8	37.5	32.4	22.9	10.9								32x32	
PV 6x11/3	2.2	3		97.7		78	73.2	68	62.5	57.5	51.5	44.5	31.5	15								32x32	
PV 6x15/4	3	4		133		106	99.8	92.7	85.2	78.4	70.2	60.7	43	20.5								32x32	
PV 8x4/1.5	1.1	1.5		36.8											30	28.4	27.2	26	24.4	21.2	17.6	13.2	4.8
PV 8x7/2	1.5	2	H(m)	64.4											52.5	49.7	47.6	45.5	42.7	37.1	30.8	23.1	8.4
PV 8x9/3	2.2	3		82.8											67.5	63.9	61.2	58.5	54.9	47.7	39.6	29.7	10.8
PV 8x12/4	3	4		110											90	85.2	81.6	78	73.2	63.6	52.8	39.6	14.4
PV 8x16/5.5	4	5.5		147											120	114	109	104	97.6	84.8	70.4	52.8	19.2
PV 12x3/1.5	1.1	1.5		31											25.4	24.7	24	22.4	20.6	18.4	16.2	13.3	8.3
PV 12x5/2	1.5	2		51.7											42.4	41.2	40	37.3	34.3	30.7	27	22.2	18.2
PV 12x7/3	2.2	3		72.3											59.3	57.6	56	52.3	48.1	43	37.8	31	25.5
PV 12x9/4	3	4		93											76.2	74.1	72	67.2	61.8	55.2	48.6	39.9	32.8
PV 12x12/5.5	4	5.5		122											102	98.8	96	89.6	82.4	73.6	64.8	53.2	43.8
PV 12x17/7.5	5.5	7.5		176											144	140	136	127	117	104	91.8	75.4	62
															144	140	136	127	117	104	91.8	75.4	62
															47	47	29	29	11.3				

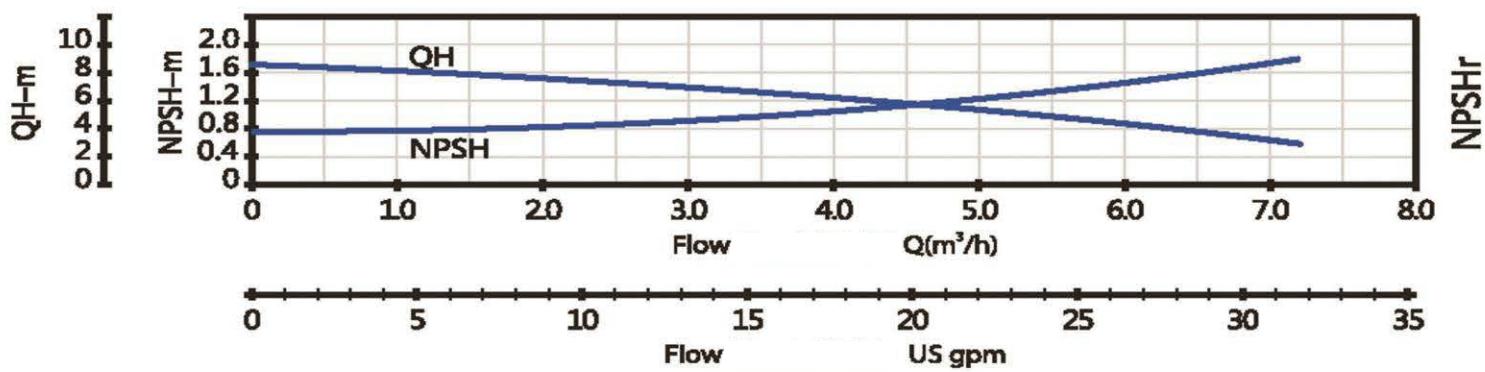
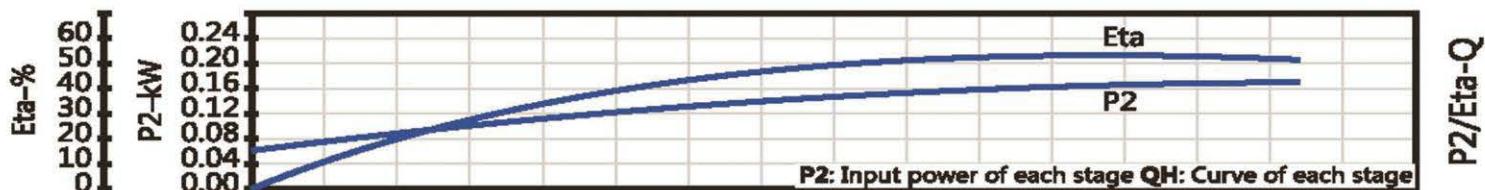
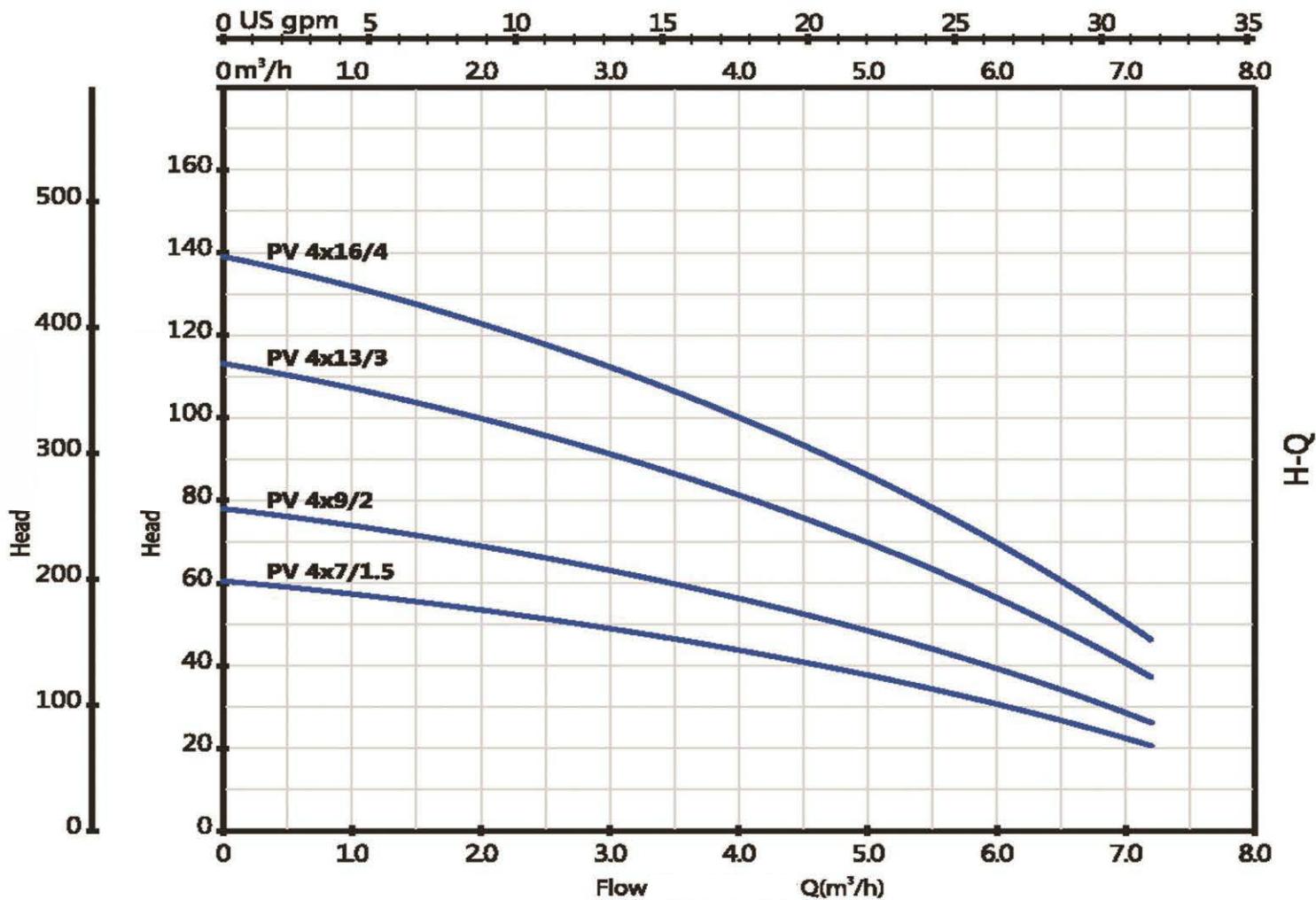
MODEL	Power		us gpm l/min m³/h	Q=DELIVERY										DN mm
	0	26		53	79	106	132	159	185	211				
	kw	hp		m³/h	0	6	12	18	24	30	36	42	48	
PV 30x7/10	7.5	10		104	100	93	83	74	64	49	31	4		
PV 30x9/12	9.2	12.5		133	128	119	108	96	82	63	40	5		50x50
PV 30x11/15	11	15		163	156	145	132	116	99	77	48	6		65x65

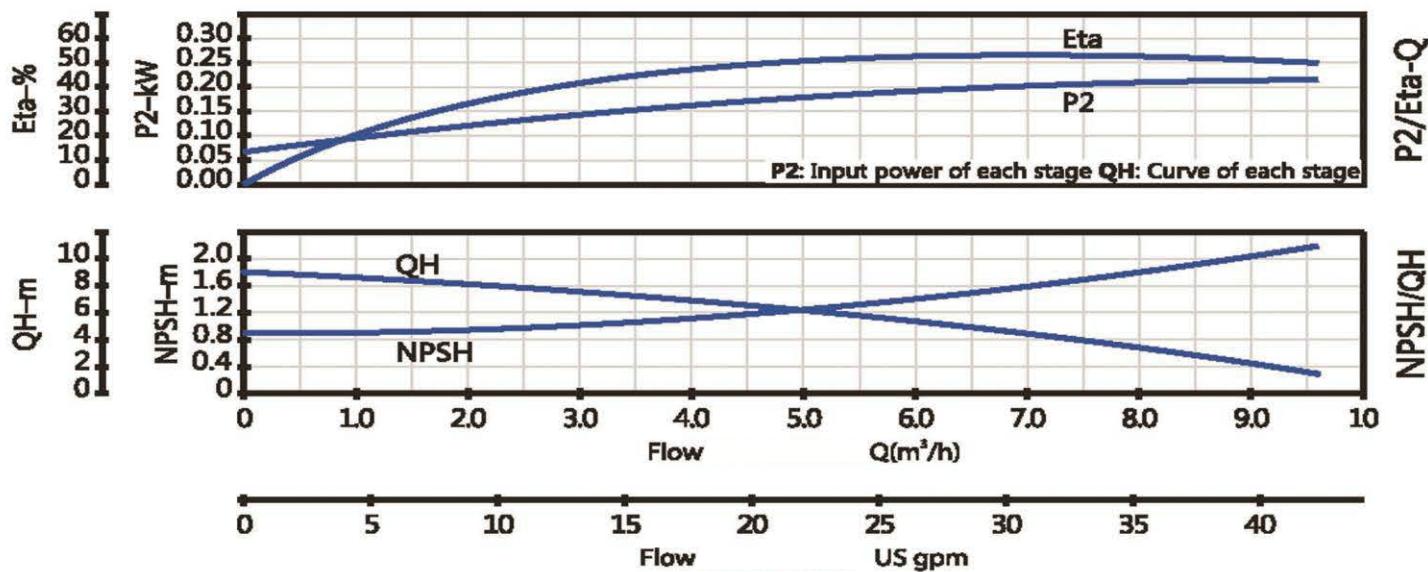
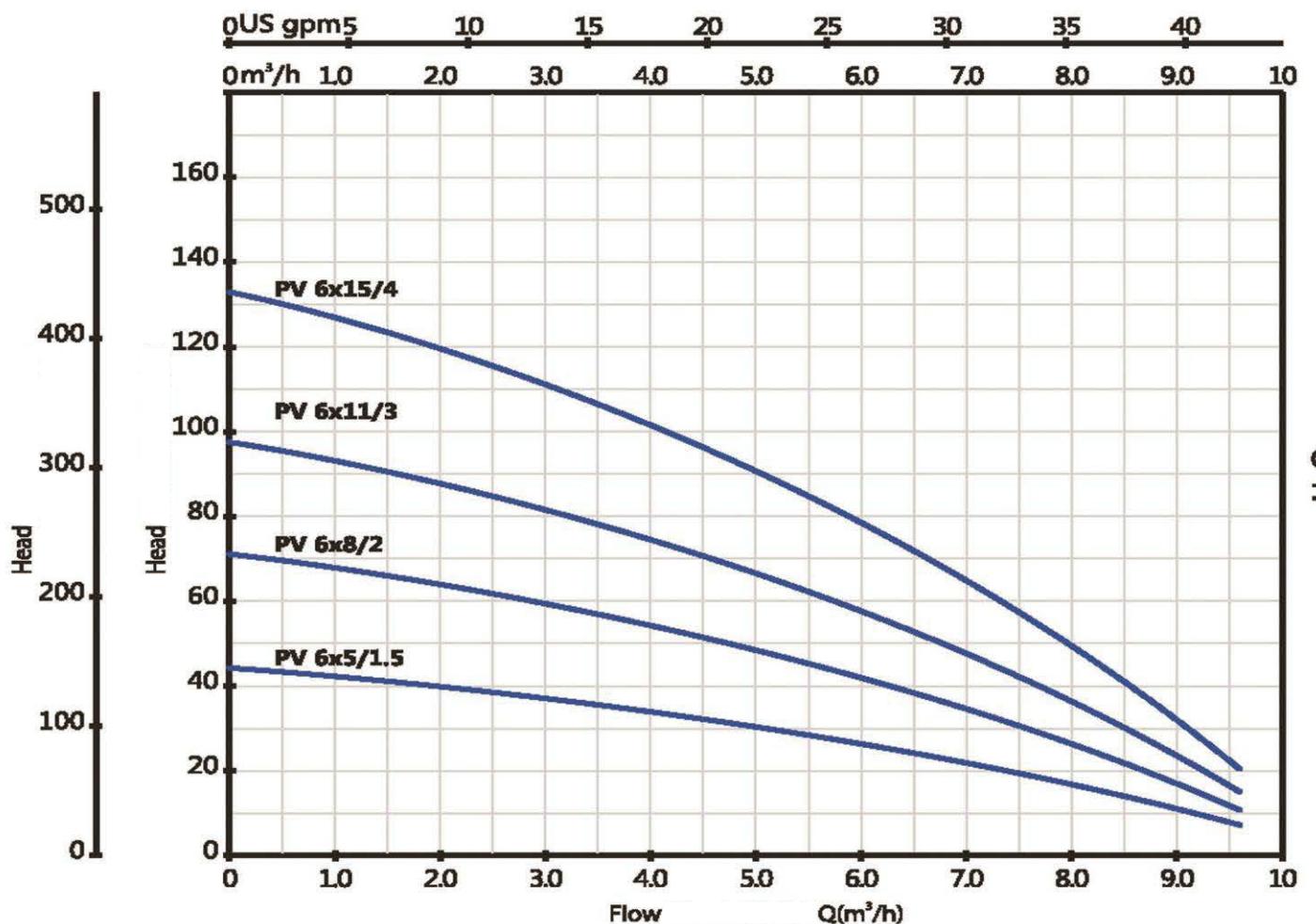
PERFORMANCE CURVE
50 Hz n=2900 1/min


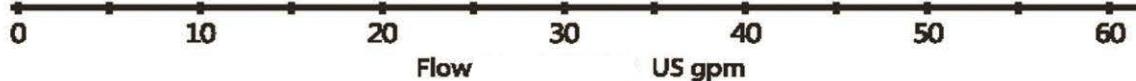
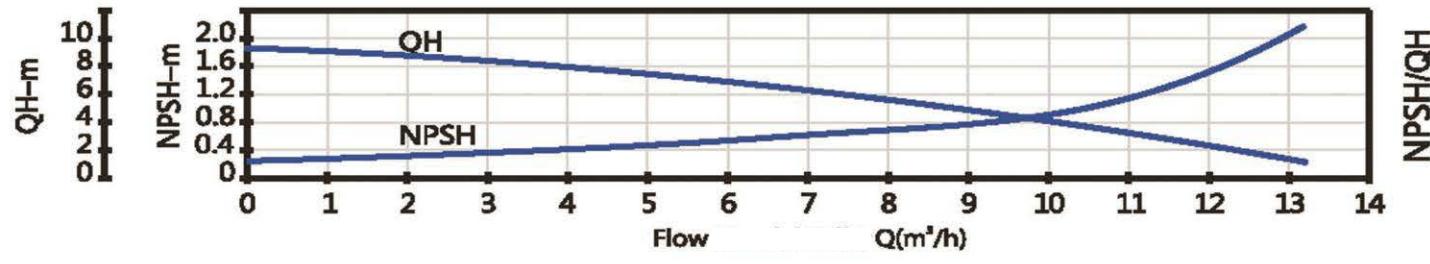
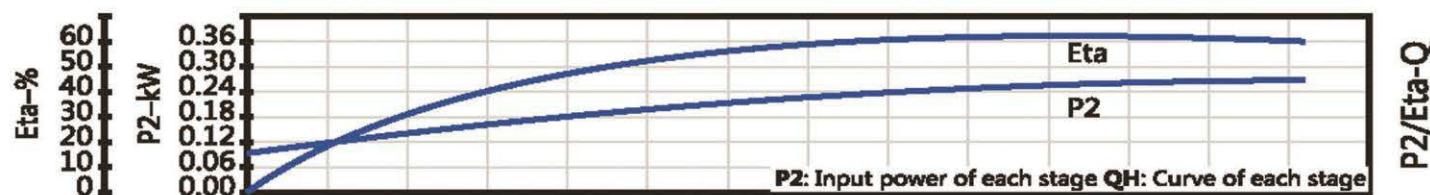
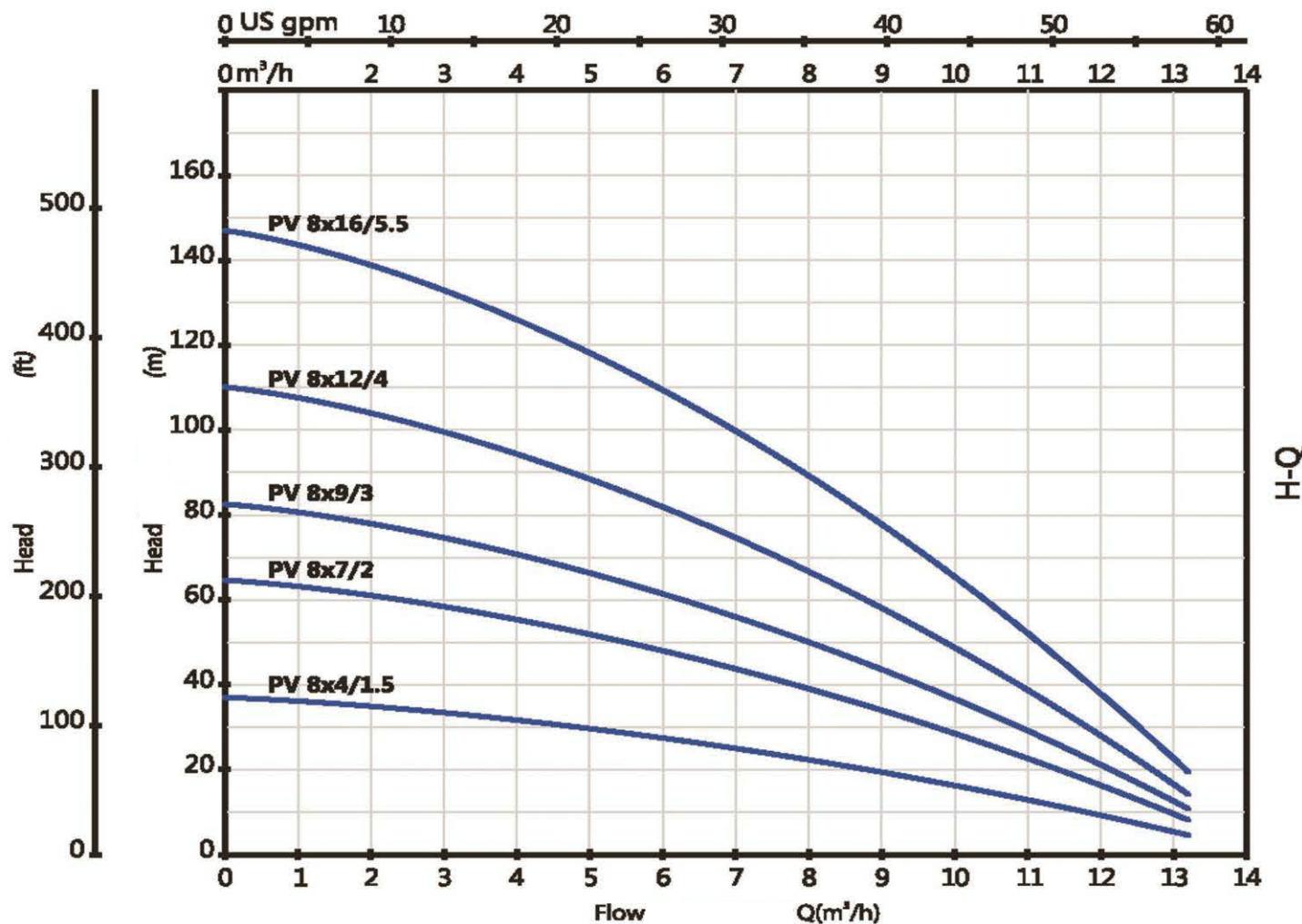
PERFORMANCE CURVE

MATERIAL DESCRIPTION


No.	Description	Material
1	Motor	IP55 Class F
2	Coupling	Iron
3	Discharge Body	Cast iron
4	Cover	SS304
5	Release Valve	Brass
6	Discharge	Cast iron
7	Bolt	Steel
8	Seal Cover	Cast iron
9	Mechanical Seal	SiC/Carbon/SS304
10	Suction	Cast iron
11	Pump Shaft	SS304/45# Iron
12	Diffuser Top Cover	Technopolimer
13	Pump Cover	SS304
14	Through Bolt	Steel
15	Diffuser Cover	Technopolimer with SS304 ring
16	Diffuser	Technopolimer with SS304 ring
17	Impeller	Technopolimer
18	Impeller Nut	Galvanized Steel
19	O-ring	Rubber
20	Suction Body	Cast iron



PV 4
2900rpm


PV 6
2900rpm


PV 8
2900rpm


PV 12
2900rpm
