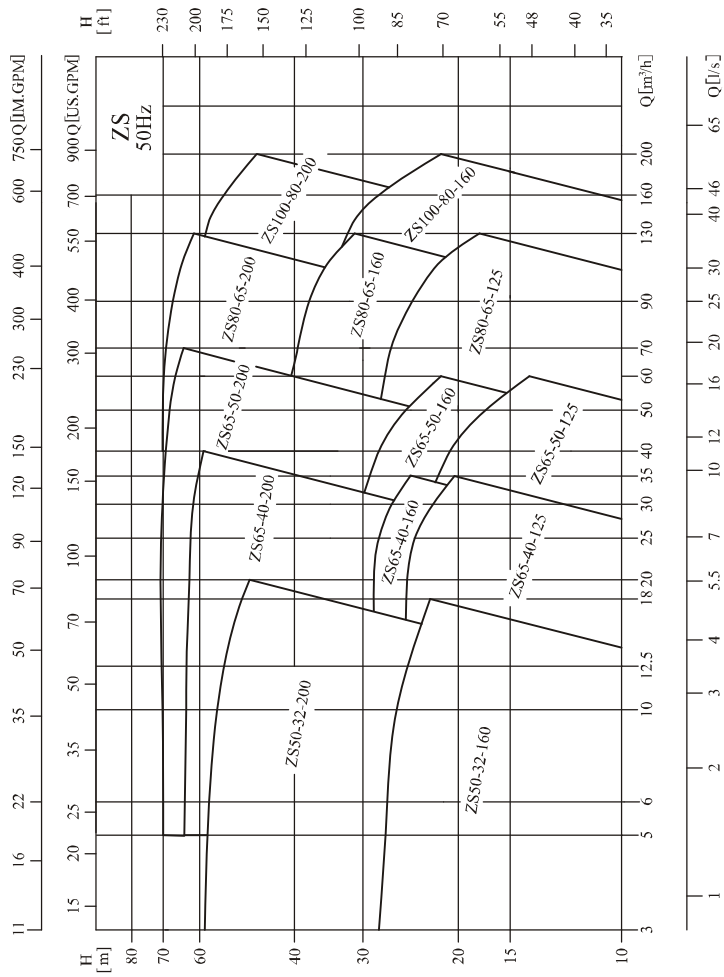


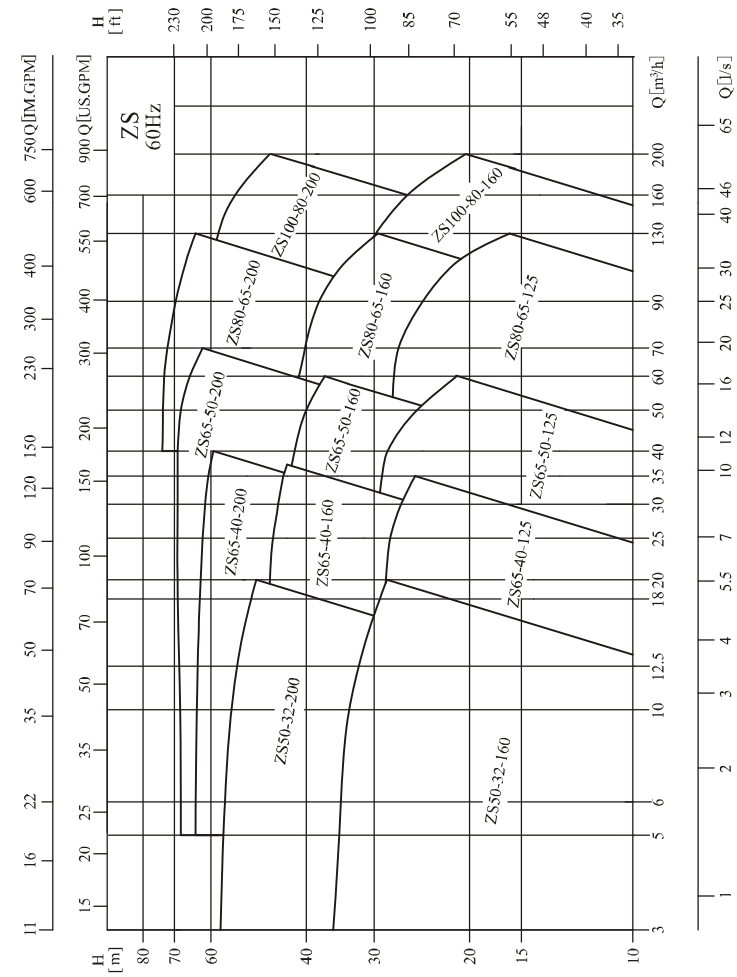
## ● Scope of performance

50Hz



## ● Scope of performance

60Hz



# General Data

## ● Product range

50Hz

NO.	Model	Q (m <sup>3</sup> /h)	H (m)	n (r/min)	Standard voltage ( V )		
					1×220V	3×380V	
					P <sub>2</sub> ( kW )	P <sub>2</sub> ( kW )	
1	ZS50-32-160/1.1	6.3	18	2900	1.1	1.1	
2	ZS50-32-160/1.5	12.5	20		1.5	1.5	
3	ZS50-32-160/2.2	12.5	25		2.2	2.2	
4	ZS50-32-200/3.0	12.5	32			3	
5	ZS50-32-200/4.0	12.5	42			4	
6	ZS50-32-200/5.5	12.5	54			5.5	
7	ZS65-40-125/1.5	25	13		1.5	1.5	
8	ZS65-40-125/2.2	25	18		2.2	2.2	
9	ZS65-40-125/3.0	25	24			3	
10	ZS65-40-160/4.0	25	28			4	
11	ZS65-40-200/5.5	25	36			5.5	
12	ZS65-40-200/7.5	25	46			7.5	
13	ZS65-40-200/11.0	25	62	2950	11	11	
14	ZS65-50-125/3.0	50	13	2900		3	
15	ZS65-50-125/4.0	50	18			4	
16	ZS65-50-160/5.5	50	25			5.5	
17	ZS65-50-200/7.5	50	32			7.5	
18	ZS65-50-200/9.2	50	40			9.2	
19	ZS65-50-200/11.0	50	48			11	
20	ZS65-50-200/15.0	50	58	2950	15	15	
21	ZS65-50-200/18.5	50	68		18.5	18.5	
22	ZS80-65-125/5.5	100	13	2900		5.5	
23	ZS80-65-125/7.5	100	18			7.5	7.5
24	ZS80-65-125/9.2	100	23			9.2	9.2
25	ZS80-65-160/11.0	100	27	2950		11	
26	ZS80-65-160/15.0	100	36			15	15
27	ZS80-65-200/18.5	100	45			18.5	18.5
28	ZS80-65-200/22.0	100	53			22	22
29	ZS80-65-200/30.0	100	66			30	30
30	ZS100-80-160/11.0	160	15			11	11
31	ZS100-80-160/15.0	160	22			15	15
32	ZS100-80-160/18.5	160	28			18.5	18.5
33	ZS100-80-200/22.0	160	33			22	22
34	ZS100-80-200/30.0	160	45			30	30
35	ZS100-80-200/37.0	160	54			37	37

# General Data

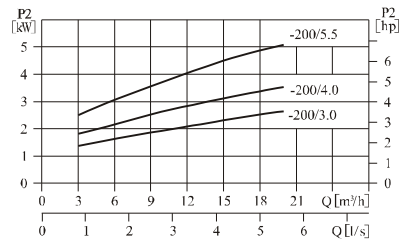
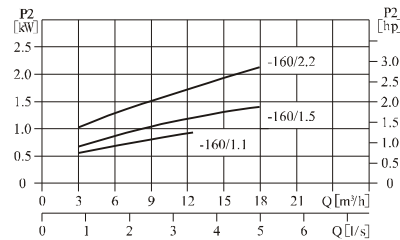
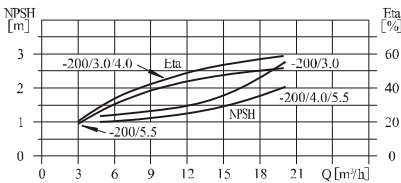
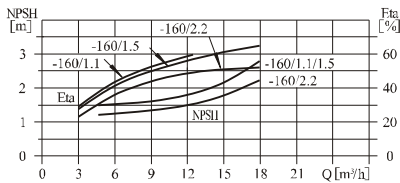
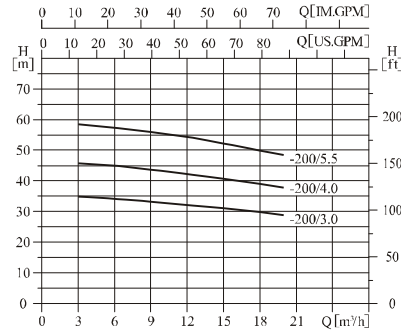
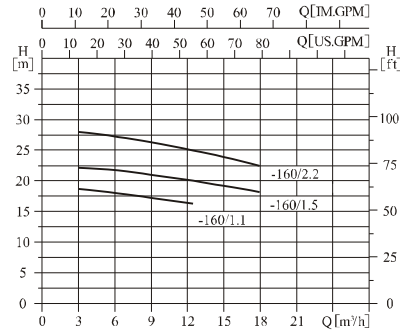
## ● Product range

60Hz

NO.	Model	Q (m <sup>3</sup> /h)	H (m)	n (r/min)	Standard voltage ( V )		
					1×220V	3×380V	
					P <sub>2</sub> ( kW )	P <sub>2</sub> ( kW )	
1	ZS50-32-160/6 1.1	6.3	18	3450	1.1	1.1	
2	ZS50-32-160/6 1.5	12.5	20		1.5	1.5	
3	ZS50-32-160/6 2.2	12.5	25		2.2	2.2	
4	ZS50-32-160/6 3.0	12.5	32			3	
5	ZS50-32-200/6 4.0	12.5	42			4	
6	ZS50-32-200/6 5.5	12.5	54			5.5	
7	ZS65-40-125/6 1.5	25	13		1.5	1.5	
8	ZS65-40-125/6 2.2	25	18		2.2	2.2	
9	ZS65-40-125/6 3.0	25	24			3	
10	ZS65-40-125/6 4.0	25	28			4	
11	ZS65-40-160/6 5.5	25	36			5.5	
12	ZS65-40-160/6 7.5	25	46			7.5	
13	ZS65-40-200/6 11.0	25	62	3500		11	
14	ZS65-50-125/6 3.0	50	13	3450		3	
15	ZS65-50-125/6 4.0	50	18			4	
16	ZS65-50-125/6 5.5	50	25			5.5	
17	ZS65-50-160/6 7.5	50	32			7.5	
18	ZS65-50-160/6 9.2	50	40			9.2	
19	ZS65-50-200/6 11.0	50	48			11	
20	ZS65-50-200/6 15.0	50	58	3500	15	15	
21	ZS65-50-200/6 18.5	50	68		18.5	18.5	
22	ZS80-65-125/6 5.5	100	12.5	3450		5.5	
23	ZS80-65-125/6 7.5	100	18			7.5	7.5
24	ZS80-65-125/6 9.2	100	23			9.2	9.2
25	ZS80-65-160/6 11.0	100	27	3500		11	
26	ZS80-65-160/6 15.0	100	36			15	15
27	ZS80-65-200/6 18.5	100	45			18.5	18.5
28	ZS80-65-200/6 22.0	100	53			22	22
29	ZS80-65-200/6 30.0	100	68			30	30
30	ZS100-80-160/6 15.0	160	20			15	15
31	ZS100-80-160/6 18.5	160	26			18.5	18.5
32	ZS100-80-200/6 22.0	160	33			22	22
33	ZS100-80-200/6 30.0	160	45			30	30
34	ZS100-80-200/6 37.0	160	54			37	37

## ● ZS50-32-\*\*\*:

## 50Hz ISO9906 Annex A

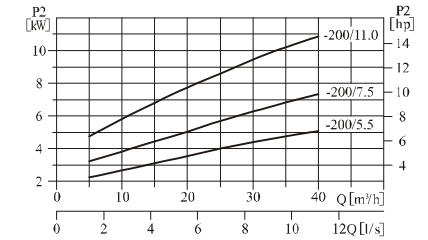
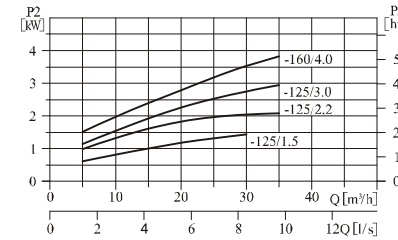
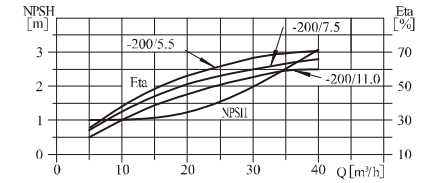
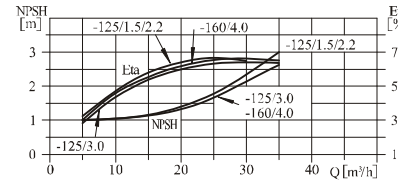
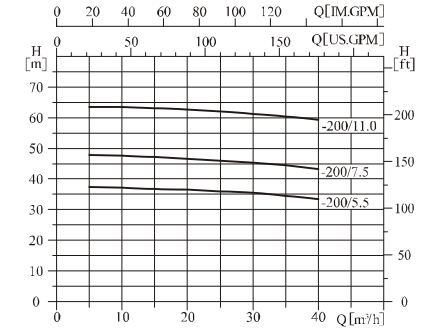
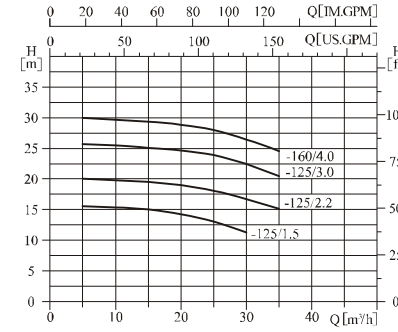


## ● Performance table

Model	Driving motor		Q (m <sup>3</sup> /h)	H (m)									
	(kW)	(hp)		3	6.3	9	12.5	15	18	20			
ZS50-32-160/1.1	1.1	1.5	H (m)	18.7	18	17.2	16.4						
ZS50-32-160/1.5	1.5	2		22.5	22	21	20	19	18				
ZS50-32-160/2.2	2.2	3		28	27	26.3	25	24	22.5				
ZS50-32-200/3.0	3	4		34.9	34.1	33.3	32	31	29.8	28.9			
ZS50-32-200/4.0	4	5.5		45.7	44.8	43.7	42	40.7	39	37.7			
ZS50-32-200/5.5	5.5	7.5		58.5	57.2	56	54	52.5	50	48.5			

## ● ZS65-40-\*\*\*:

## 50Hz ISO9906 Annex A

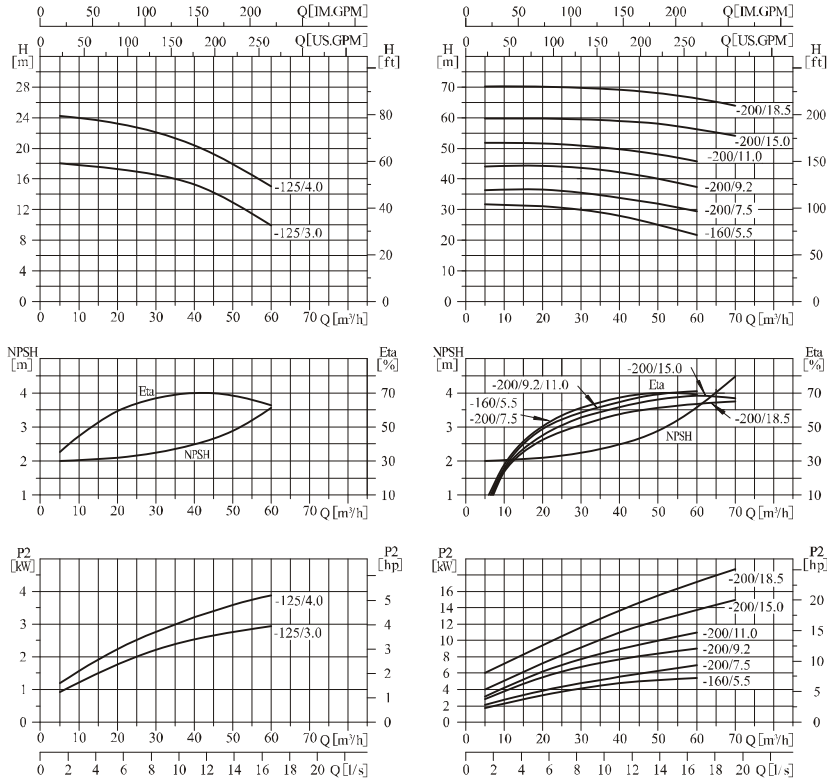


## ● Performance table

Model	Driving motor		Q (m <sup>3</sup> /h)	H (m)										
	(kW)	(hp)		5	10	15	20	25	30	35	40			
ZS65-40-125/1.5	1.5	2	H (m)	15.5	15.4	15	14.4	13	11.3					
ZS65-40-125/2.2	2.2	3		20	19.7	19.5	19	18	16.7	15.2				
ZS65-40-125/3.0	3	4		25.7	25.3	25.1	24.8	24	22.3	20.3				
ZS65-40-160/4.0	4	5.5		30	29.7	29.3	28.9	28	26.5	24.5				
ZS65-40-200/5.5	5.5	7.5		37.4	37.2	36.7	36.4	36	35.5	34.6	33.3			
ZS65-40-200/7.5	7.5	10		48	47.5	47	46.6	46	45.2	44.5	43.3			
ZS65-40-200/11.0	11	15		64	63.5	63	62.5	62	61.5	60.5	59			

## ● ZS65-50-\*\*\*:

### 50Hz ISO9906 Annex A

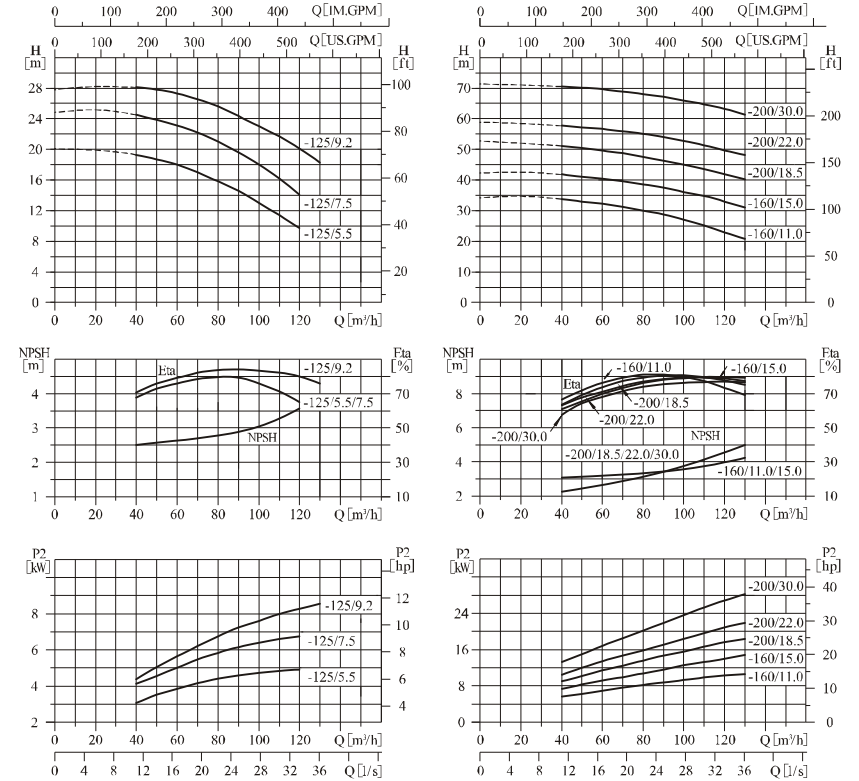


## ● Performance table

Model	Driving motor		Q (m <sup>3</sup> /h)	H (m)															
	(kW)	(hp)		5	10	20	30	40	50	60	70								
ZS65-50-125/3.0	3	4	H (m)	18	17.8	17.2	16.4	15.1	13	10									
ZS65-50-125/4.0	4	5.5		24.2	24.2	23.6	22.6	20.7	18	14.8									
ZS65-50-160/5.5	5.5	7.5		31.6	31.5	31	30	28	25	21.5									
ZS65-50-200/7.5	7.5	10		36.3	36.6	36.4	35.6	34.1	32	29.6									
ZS65-50-200/9.2	9.2	12.5		43.5	43.5	43.5	43	42	40	37.5									
ZS65-50-200/11.0	11	15		51.5	51.5	51	50	49.3	48	45.6									
ZS65-50-200/15.0	15	20		59.7	59.7	59.6	59.5	59	58	56.2	53								
ZS65-50-200/18.5	18.5	25		70.2	70.2	70.1	70	69.1	68	66.4	64								

## ● ZS80-65-\*\*\*:

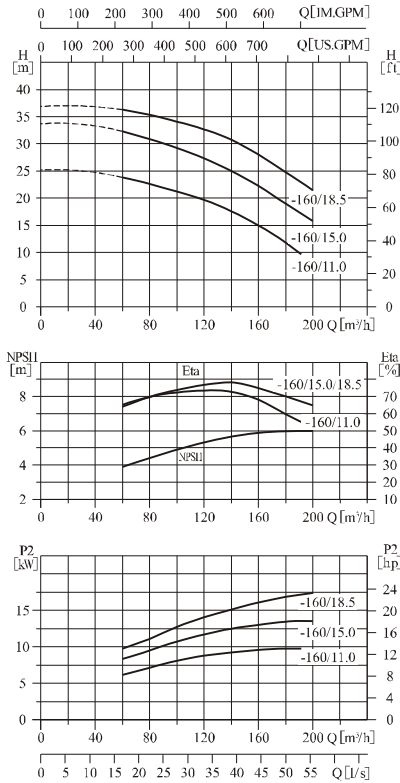
### 50Hz ISO9906 Annex A



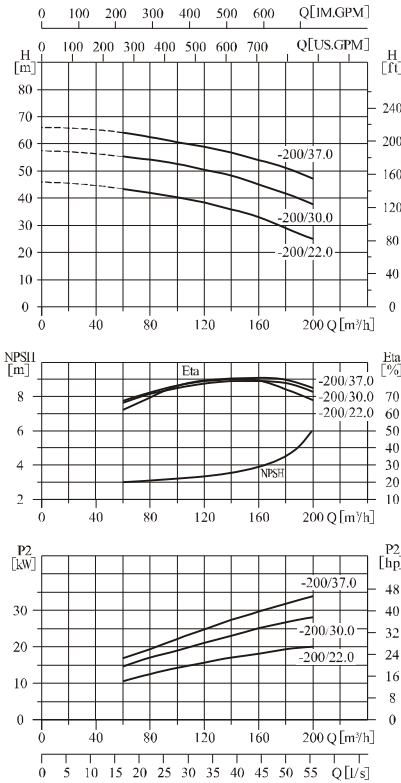
## ● Performance table

Model	Driving motor		Q (m <sup>3</sup> /h)	H (m)															
	(kW)	(hp)		40	50	60	70	80	90	100	110	120	130						
ZS80-65-125/5.5	5.5	7.5	H (m)	19.3	18.7	18	17	15.8	14.8	13	11.4	9.7							
ZS80-65-125/7.5	7.5	10		24.5	23.8	23.1	22.2	21	19.6	18	16.2	14.1							
ZS80-65-125/9.2	9.2	12.5		28.1	27.8	27.3	26.6	25.7	24.3	23	21.8	20.1	18.3						
ZS80-65-160/11.0	11	15		33.9	33	32.2	31.3	29.9	28.8	27	25.1	22.9	20.7						
ZS80-65-160/15.0	15	20		41.8	41.1	40.4	39.5	38.6	37.6	36	34.8	33	31						
ZS80-65-200/18.5	18.5	25		51	50.5	49.6	48.7	47.6	46.3	45	43.5	42.2	40.2						
ZS80-65-200/22.0	22	30		57.7	57.2	56.8	55.9	55.1	54	53	51.6	49.7	48.2						
ZS80-65-200/30.0	30	40		70.2	70.2	69.6	68.9	68.2	67.1	66	64.6	63.3	61.4						

## ● ZS100-80-\*\*\*:



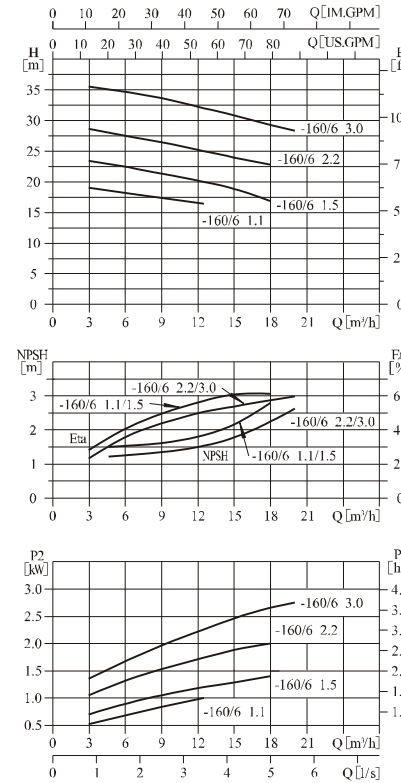
## 50Hz ISO9906 Annex A



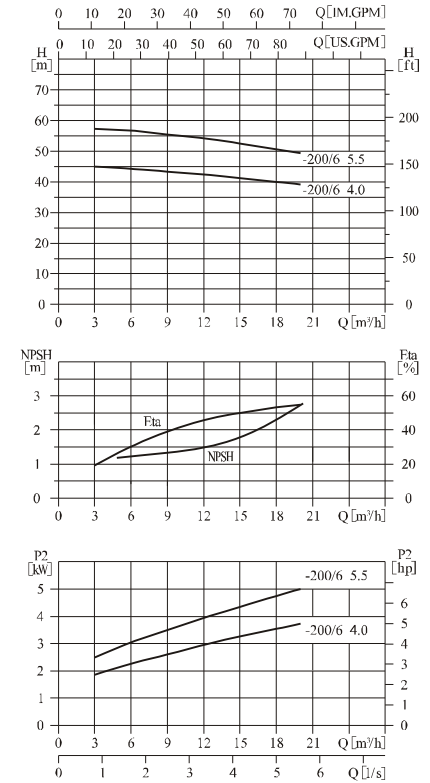
## ● Performance table

Model	Driving motor		Q (m³/h)	60	80	100	120	140	160	180	192	200
	(kW)	(hp)										
ZS100-80-160/11.0	11	15	H (m)	23.8	22.7	21.1	19.7	17.6	15	11.8	9.7	
ZS100-80-160/15.0	15	20		32.3	30.8	29.1	27.2	25.1	22	18.8		16.1
ZS100-80-160/18.5	18.5	25		36.2	35.2	33.8	32.7	31	28	24.8		21.5
ZS100-80-200/22.0	22	30		43.5	42	39.7	38.3	35.9	33	29		24.9
ZS100-80-200/30.0	30	40		55.4	54.1	52.6	50.5	48.2	45	41.9		37.6
ZS100-80-200/37.0	37	50		64.1	62.5	61	59	57.4	54	51.2		47.1

## ● ZS50-32-\*\*\*:



## 60Hz ISO9906 Annex A



## ● Performance table

Model	Driving motor		Q (m³/h)	3	6.3	9	12.5	15	18	20
	(kW)	(hp)								
ZS50-32-160/6 1.1	1.1	1.5	H (m)	19	18	17.3	16.4			
ZS50-32-160/6 1.5	1.5	2		23.4	22.2	21.2	20	18.8	16.8	
ZS50-32-160/6 2.2	2.2	3		28.6	27.4	26.4	25	24	22.8	
ZS50-32-160/6 3.0	3.0	4		35.6	34.5	33.7	32	30.8	29.3	28.4
ZS50-32-200/6 4.0	4.0	5.5		45	44.1	43.3	42	41.2	40	39.1
ZS50-32-200/6 5.5	5.5	7.5		57.5	56.5	55.7	54	52.5	50.5	49.4