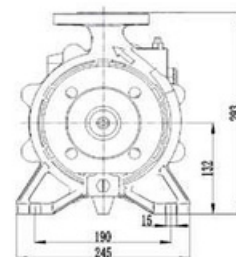
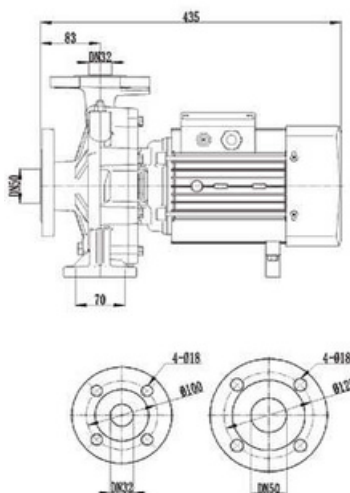
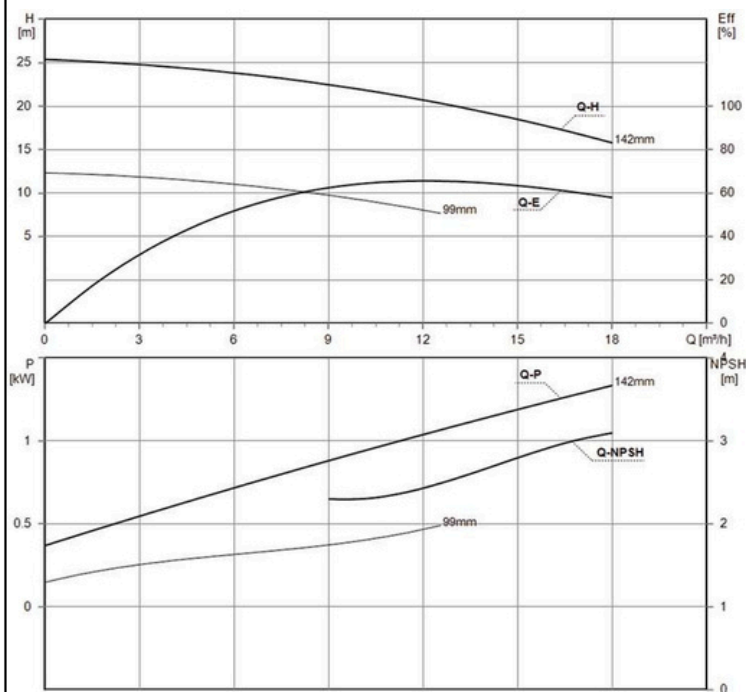


Vertex VMN Technical Data Summary

MODEL	P2		P1 Max	m³/h	0	6	9	15	18	24	27	36	42	48	54	72	84	90	108	120	138
	kW	HP	kW	l/min	0	100	150	250	300	400	450	600	700	800	900	1200	1400	1500	1800	2000	2300
VMN 32-160-15	1.5	2	2.3		25.4	23.7	22.5	18.5	15.8												
VMN 32-160-22	2.2	3	2.9		31	29.6	28.5	24.5	22	15											
VMN 32-160-30	3	4	4.1		35	34.3	32.5	28	25.5	19	15										
VMN 32-200-40	4	5.5	4.9		54.5	52	50	45.5	42.3	35	30.3										
VMN 32-250-55	5.5	7.5	6.3		60	59.5	59	55	50.2	34.5											
VMN 32-250-75	7.5	10	8.5		69.5	69	68.5	66	63	53											
VMN 32-250-92	9.2	12.5	11.9		75	75	74.5	72	69	59											
VMN 32-250-110	11	15			90	89.5	88	82	78	66											
VMN 32-250-150	15	20			97	96.5	96	90	86	73											
VMN 40-125-15	1.5	2			18.1				17	15	13.9	10	6								
VMN 40-125-22	2.2	3			24.5				23.2	21.5	20.2	16	13	8.3							
VMN 40-160-30	3	4			31.8				29.5	27.5	26.3	21.5	17.5								
VMN 40-160-40	4	5.5			38				36	34	33	28.5	25	20.1							
VMN 40-200-55	5.5	7.5			46				43.8	41.3	40.1	35	30								
VMN 40-200-75	7.5	10			57				53.6	51.5	50	45	41	36.5							
VMN 40-250-92	9.2	12.5			64				59	56.5	55	49.5	45	39.8							
VMN 40-250-110	11	15			72				67.5	65	63.5	57.5	52.2	47							
VMN 40-250-150	15	20			84.5				79.3	77.3	75.2	70	66	61							
VMN 50-125-30	3	4			20							18.8	18	17	15.6	11					
VMN 50-125/40	4	5.5			24							23.1	23	21.5	20.3	15.8	11.8				
VMN 50-160/55	5.5	7.5			32							30.6	30	28	26.6	20.5	14.8				
VMN 50-160/75	7.5	10			40							38	37	36	34.4	29	24	21			
VMN 50-200/92	9.2	12.5			50.5							46.8	45	43	40.9	32.5	26.7				
VMN 50-200-110	11	15			57.5							53.5	52	50	47.5	40	34	29			
VMN 50-200-150	15	20			62							58	56.5	54.5	52	44.5	39	35.5			
VMN 50-250-150	15	20			68.5							64	63	61.5	59	50	41				
VMN 50-250-185	18.5	25			79							75.8	74.8	74	71.5	63.5	55.5	47			
VMN 50-250-220	22	30			89.5							86	85.3	84	81.5	73.5	63.5	57			
VMN 65-125-55	5.5	7.5			23									21.3	20.9	19	17.5	16.8	13.7		

Vertex VMN Technical Data Summary																						
MODEL		P2		P1 Max	m³/h	0	6	9	15	18	24	27	36	42	48	54	72	84	90	108	120	138
		kW	HP	kW	l\min	0	100	150	250	300	400	450	600	700	800	900	1200	1400	1500	1800	2000	2300
VMN 65-125-75		7.5	10			27									26	25.6	24.5	23	22.5	20	18	
VMN	65-160-92	9.2	12.5			33										31.5	30	28	27.1	24	21.5	
VMN 65-160-110		11	15			36										34.5	33	31.5	30.8	28	25.5	
VMN	65-160-150	15	20			42										41	40	38.5	37.8	35	33	29.5
VMN 65-200-185		18.5	25			52										52	51	49	48.2	44.5	42	

PUMP TYPE	Electric Horizontal Centrifugal Monobloc	MODEL	VMN 32-160/15
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VMN 32-160/15

OPERATING LIMITS

Liquid Type	Thin, clean, clear, non-flamabel
Temperature of pumped liquid	- 10 to + 90°C
Ambient Temperature	0 to 40°C

CONSTRUCTION CHARACTERISTICS

Delivery diameter	32	mm
Impeller Type	Closed	
Electric pump weight	34	kg
Pump Seal	Mechanical	

ELECTRIC PUMP CHARACTERISTICS

Connection	Flanged - PN16 50mm
Suction	32mm Cast Iron Cast
Discharge	Iron 304 Stainless
Pump Body	Steel Silicon
Motor Bracket	carbide/ceramic
Impeller	20CR13 1,3m
Mechanical Seal	
Shaft	
NPS Hr	

OPERATING PARAMETERS

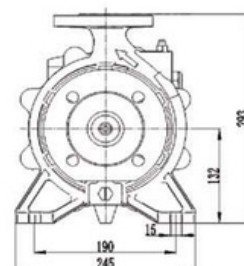
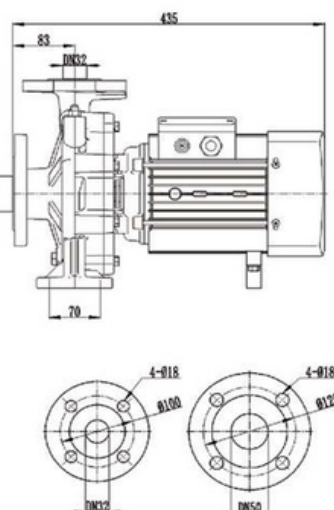
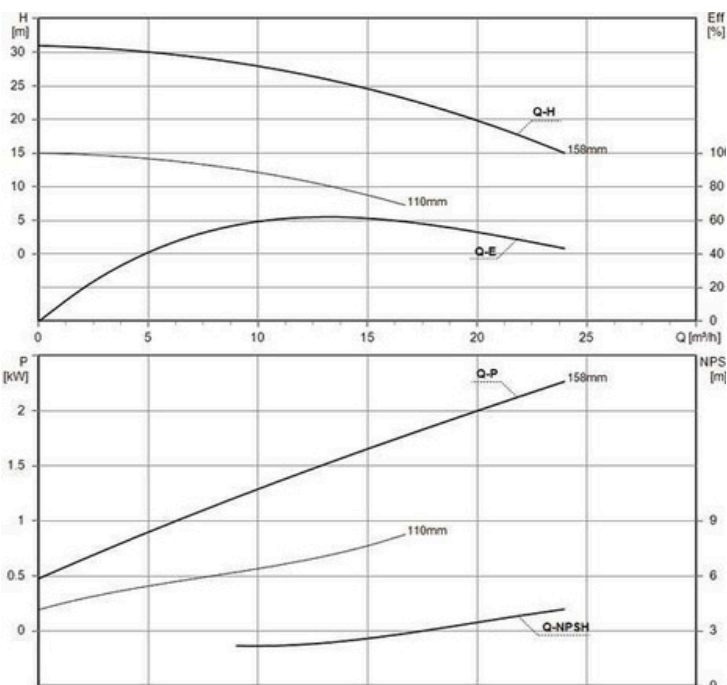
Service Flow Rate	12	m³/h
Service Head	21	m
H (Q=0) Hmax	25,1	m
Qmin (Qmin)	0	m³/h
Power consumption at duty point	1,19	kW
Pump Efficiency	63,5	%
Max Operating Pressure	10	Bar

ELECTRIC MOTOR CHARACTERISTICS

Nominal Power	1,5	kW
Rated Frequency	50	Hz
Rated Voltage	380	V
Rated current	6/3,5	A
No. Poles	2	
Rotation speed	2900	rpm
Type of motor	3	Phase
Efficiency Class	IE3	
Insulation Class	F	
Protection Class	IP55	

APPLICATIONS
Water supply
Pressurisation & fire-fighting systems
Irrigation and drainage
Heating, air-conditioning
Drinking water
Service water

PUMP TYPE	Electric Horizontal Centrifugal Monobloc	MODEL	VMN 32-160/22
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VMN 32-160/22

OPERATING LIMITS

Liquid Type	Thin, clean, clear, non-flamabel
Temperature of pumped liquid	- 10 to + 120°C
Ambient Temperature	0 to 40°C

CONSTRUCTION CHARACTERISTICS

Delivery diameter	32	mm
Impeller Type	Closed	
Electric pump weight	39	kg
Pump Seal	Mechanical	

ELECTRIC PUMP CHARACTERISTICS

Connection	Flanged - PN16 50mm
Suction	32mm Cast Iron Cast
Discharge	Iron 304 Stainless
Pump Body	Steel Silicon
Motor Bracket	carbide/ceramic
Impeller	20CR13 1,3m
Mechanical Seal	
Shaft	
NPS Hr	

OPERATING PARAMETERS

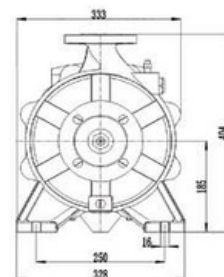
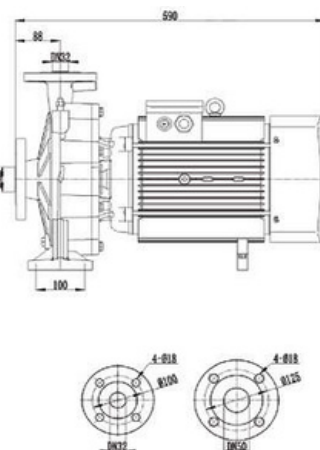
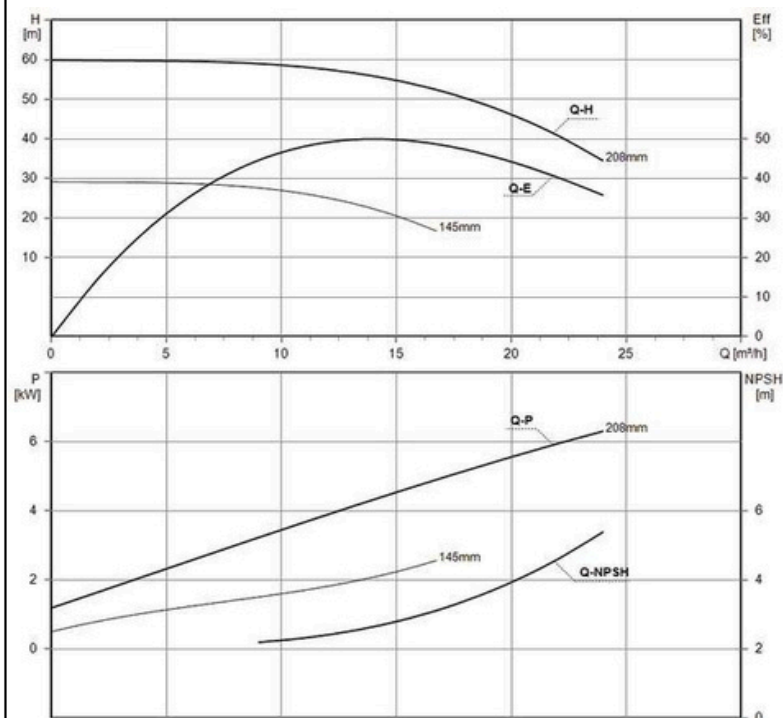
Service Flow Rate	15	m³/h
Service Head	24,5	m
H (Q=0) Hmax	30,5	m
Qmin (Qmin)	0	m³/h
Power consumption at duty point	1,66	kW
Pump Efficiency	60,3	%
Max Operating Pressure	10	Bar

ELECTRIC MOTOR CHARACTERISTICS

Nominal Power	2,2	kW
Rated Frequency	50	Hz
Rated Voltage	380	V
Rated current	8,2/4,7	A
No. Poles	2	
Rotation speed	2900	rpm
Type of motor	3	Phase
Efficiency Class	IE3	
Insulation Class	F	
Protection Class	IP55	

AP P LICATI ONS
Water supply
Pressurisation & fire-fighting systems
Irrigation and drainage
Heating, air-conditioning
Drinking water
Service water

PUMP TYPE	Electric Horizontal Centrifugal Monobloc	MODEL	VMN 32-250-55
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VMN 32-250/55

OPERATING LIMITS

Liquid Type	Thin, clean, clear, non-flamabel
Temperature of pumped liquid	- 10 to +120°C
Ambient Temperature	0 to 40°C

CONSTRUCTION CHARACTERISTICS

Delivery diameter	32mm	mm
Impeller Type	Closed	
Electric pump weight	66	kg
Pump Seal	Mechanical	

ELECTRIC PUMP CHARACTERISTICS

Connection	Flanged - PN16 50mm
Suction	32mm Cast Iron Cast
Discharge	Iron Cast Iron Silicon
Pump Body	carbide/ceramic
Motor Bracket	20CR13 1,3m
Impeller	
Mechanical Seal	
Shaft	
NPS Hr	

OPERATING PARAMETERS

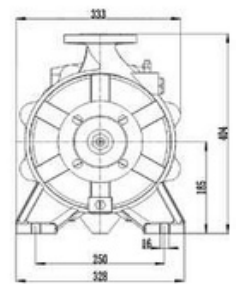
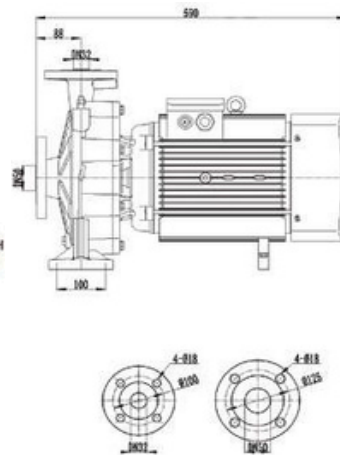
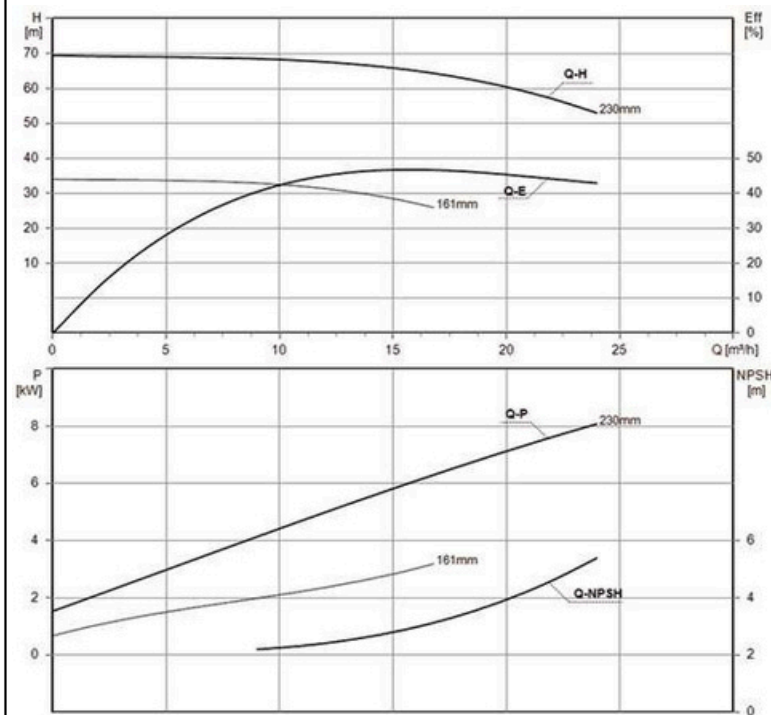
Service Flow Rate	15	m³/h
Service Head	55	m
H (Q=0) Hmax	60	m
Qmin (Qmin)	0	m³/h
Power consumption at duty point	4,56	kW
Pump Efficiency	49,3	%
Max Operating Pressure	10	Bar

ELECTRIC MOTOR CHARACTERISTICS

Nominal Power	5,5	kW
Rated Frequency	50	Hz
Rated Voltage	380	V
Rated current	11 ,1 /6,4	A
No. Poles	2	
Rotation speed	2900	rpm
Type of motor	3	Phase
Efficiency Class	IE3	
Insulation Class	F	
Protection Class	IP55	

AP P LICATI ONS
Water supply
Pressurisation & fire-fighting systems
Irrigation and drainage
Heating, air-conditioning
Drinking water
Service water

PUMP TYPE	Electric Horizontal Centrifugal Monobloc	MODEL	VMN 32-250/75
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OPERATING LIMITS	
Liquid Type	Thin, clean, clear, non-flamabel
Temperature of pumped liquid	- 10 to +120°C
Ambient Temperature	0 to 40°C

CONSTRUCTION CHARACTERISTICS		
Delivery diameter	32	mm
Impeller Type	Closed	
Electric pump weight	73	kg
Pump Seal	Mechanical	

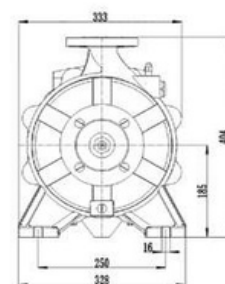
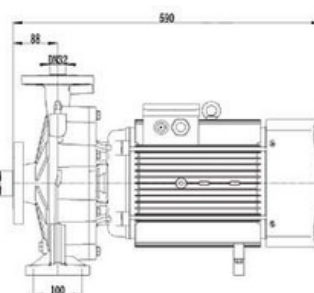
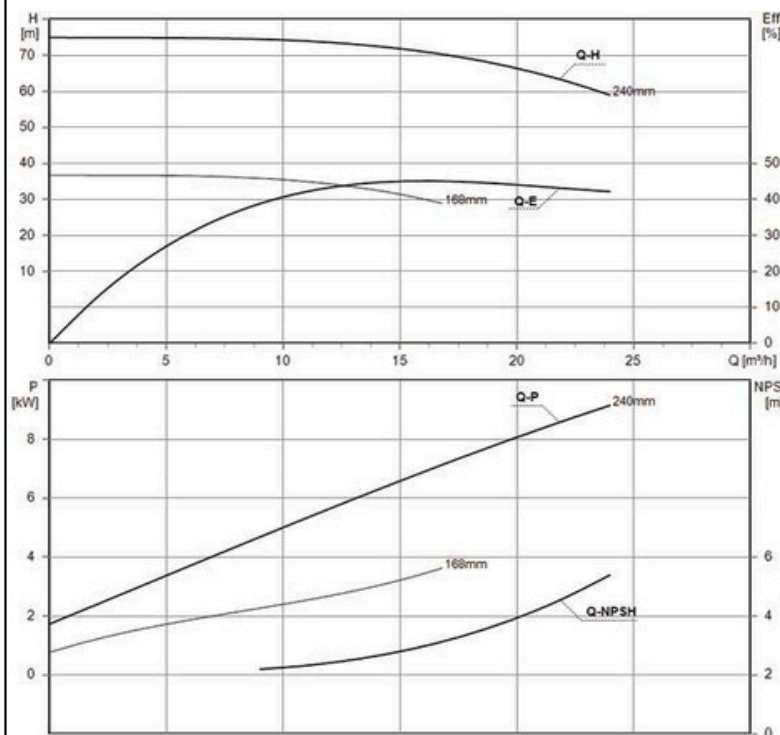
ELECTRIC PUMP CHARACTERISTICS	
Connection	Flanged - PN16 50mm
Suction	32mm Cast Iron Cast
Discharge	Iron Cast Iron Silicon
Pump Body	carbide/ceramic
Motor Bracket	20CR13 1,3m
Impeller	
Mechanical Seal	
Shaft	
NPS Hr	

OPERATING PARAMETERS		
Service Flow Rate	15	m³/h
Service Head	66	m
H (Q=0) Hmax	69,5	m
Qmin (Qmin)	0	m³/h
Power consumption at duty point	5,84	kW
Pump Efficiency	46,2	%
Max Operating Pressure	10	Bar

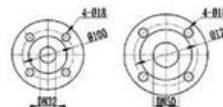
AP P LICATI ONS	
Water supply	
Pressurisation & fire-fighting systems	
Irrigation and drainage	
Heating, air-conditioning	
Drinking water	
Service water	

ELECTRIC MOTOR CHARACTERISTICS		
Nominal Power	7,5	kW
Rated Frequency	50	Hz
Rated Voltage	380	V
Rated current	15 / 8,7	A
No. Poles	2	
Rotation speed	2900	rpm
Type of motor	3	Phase
Efficiency Class	IE3	
Insulation Class	F	
Protection Class	IP55	

PUMP TYPE	Electric Horizontal Centrifugal Monobloc	MODEL	VMN 32-250/92
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VMN32-250/92



OPERATING LIMITS

Liquid Type	Thin, clean, clear, non-flamabel
Temperature of pumped liquid	- 10 to +120°C
Ambient Temperature	0 to 40°C

CONSTRUCTION CHARACTERISTICS

Delivery diameter	32	mm
Impeller Type	Closed	
Electric pump weight	80	kg
Pump Seal	Mechanical	

ELECTRIC PUMP CHARACTERISTICS

Connection	Flanged - PN16 50mm
Suction	32mm Cast Iron Cast
Discharge	Iron Cast Iron Silicon
Pump Body	carbide/ceramic
Motor Bracket	20CR13 1,3m
Impeller	
Mechanical Seal	
Shaft	
NPS Hr	

OPERATING PARAMETERS

Service Flow Rate	15	m³/h
Service Head	72	m
H (Q=0) Hmax	75	m
Qmin (Qmin)	0	m³/h
Power consumption at duty point	6,61	kW
Pump Efficiency	44,5	%
Max Operating Pressure	10	Bar

ELECTRIC MOTOR CHARACTERISTICS

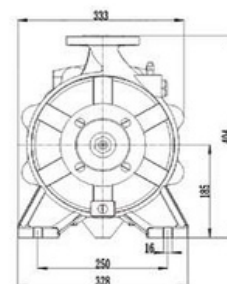
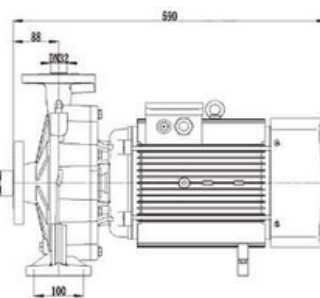
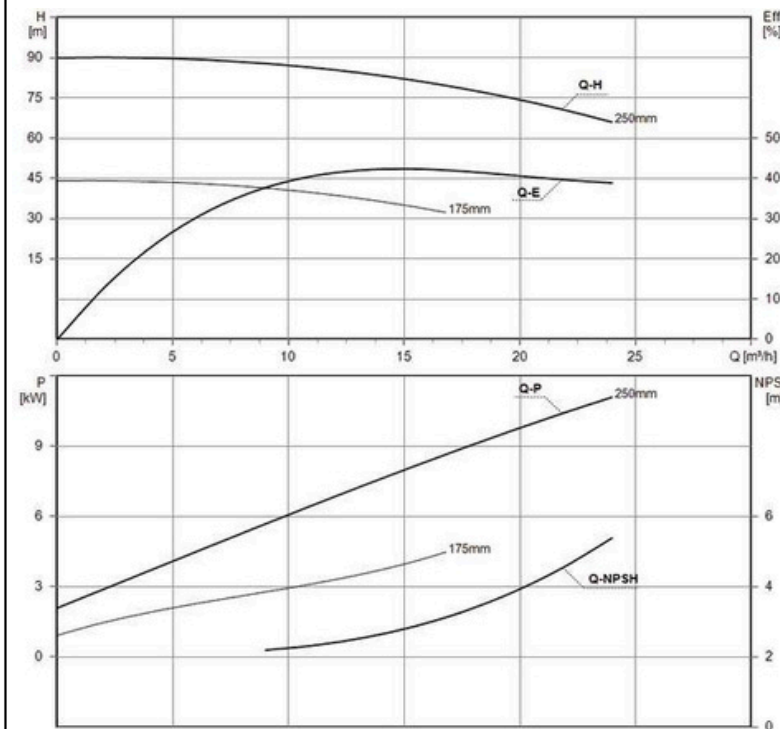
Nominal Power	9,2	kW
Rated Frequency	50	Hz
Rated Voltage	380	V
Rated current	19 / 1 0,9	A
No. Poles	2	
Rotation speed	2900	rpm
Type of motor	3	Phase
Efficiency Class	IE3	
Insulation Class	F	
Protection Class	IP55	

AP P LICATI ONS
Water supply
Pressurisation & fire-fighting systems
Irrigation and drainage
Heating, air-conditioning
Drinking water
Service water

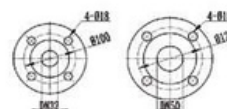
PUMP TYPE Electric Horizontal Centrifugal Monobloc

MODEL

VMN 32-250/110



VMN 32-250/110



OPERATING LIMITS

Liquid Type	Thin, clean, clear, non-flamabel
Temperature of pumped liquid	- 10 to +120°C
Ambient Temperature	0 to 40°C

CONSTRUCTION CHARACTERISTICS

Delivery diameter	32	mm
Impeller Type	Closed	
Electric pump weight	95	kg
Pump Seal	Mechanical	

ELECTRIC PUMP CHARACTERISTICS

Connection	Flanged - PN16 50mm
Suction	32mm Cast Iron Cast
Discharge	Iron Cast Iron Silicon
Pump Body	carbide/ceramic
Motor Bracket	20CR13 1,3m
Impeller	
Mechanical Seal	
Shaft	
NPS Hr	

OPERATING PARAMETERS

Service Flow Rate	15	m³/h
Service Head	82	m
H (Q=0) Hmax	90	m
Qmin (Qmin)	0	m³/h
Power consumption at duty point	8,02	kW
Pump Efficiency	41,8	%
Max Operating Pressure	10	Bar

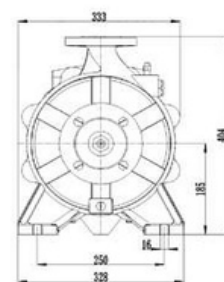
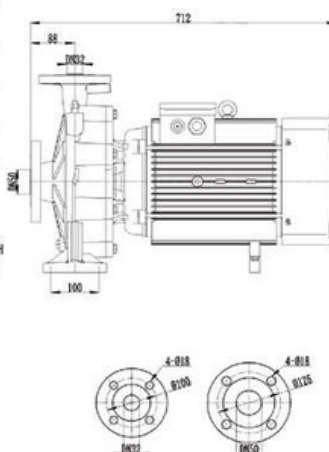
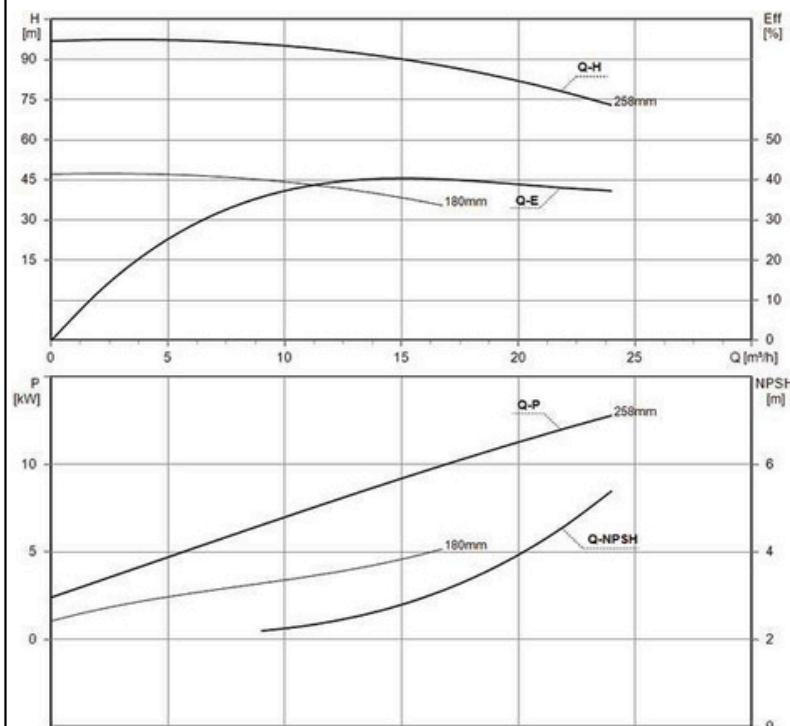
ELECTRIC MOTOR CHARACTERISTICS

Nominal Power	11	kW
Rated Frequency	50	Hz
Rated Voltage	380	V
Rated current	21,8 / 12,6	A
No. Poles	2	
Rotation speed	2900	rpm
Type of motor	3	Phase
Efficiency Class	IE3	
Insulation Class	F	
Protection Class	IP55	

AP P LICATI ONS

Water supply
Pressurisation & fire-fighting systems
Irrigation and drainage
Heating, air-conditioning
Drinking water
Service water

PUMP TYPE	Electric Horizontal Centrifugal Monobloc	MODEL	VMN 32-250/150
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VMN 32-250/150

OPERATING LIMITS

Liquid Type	Thin, clean, clear, non-flamabel
Temperature of pumped liquid	- 10 to +120°C
Ambient Temperature	0 to 40°C

CONSTRUCTION CHARACTERISTICS

Delivery diameter	32	mm
Impeller Type	Closed	
Electric pump weight	125	kg
Pump Seal	Mechanical	

ELECTRIC PUMP CHARACTERISTICS

Connection	Flanged - PN16 50mm
Suction	32mm Cast Iron Cast
Discharge	Iron Cast Iron Silicon
Pump Body	carbide/ceramic
Motor Bracket	20CR13 1,3m
Impeller	
Mechanical Seal	
Shaft	
NPS Hr	

OPERATING PARAMETERS

Service Flow Rate	15	m³/h
Service Head	90	m
H (Q=0) Hmax	94,5	m
Qmin (Qmin)	0	m³/h
Power consumption at duty point	9,24	kW
Pump Efficiency	39,8	%
Max Operating Pressure	10	Bar

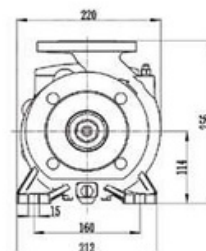
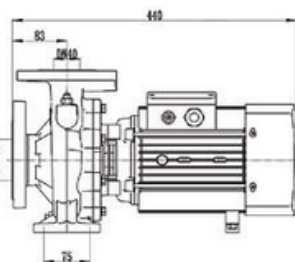
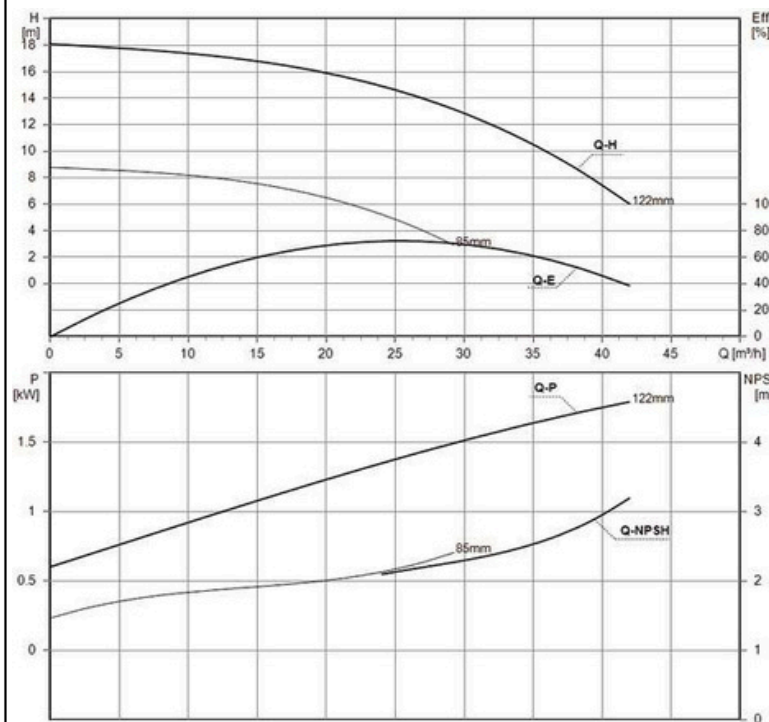
ELECTRIC MOTOR CHARACTERISTICS

Nominal Power	15	kW
Rated Frequency	50	Hz
Rated Voltage	380	V
Rated current	29,4/17	A
No. Poles	2	
Rotation speed	2900	rpm
Type of motor	3	Phase
Efficiency Class	IE3	
Insulation Class	F	
Protection Class	IP55	

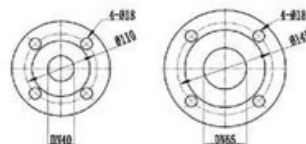
APPLICATI ONS

Water supply
Pressurisation & fire-fighting systems
Irrigation and drainage
Heating, air-conditioning
Drinking water
Service water

PUMP TYPE	Electric Horizontal Centrifugal Monobloc	MODEL	VMN 40-125/15
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VMN 40-125/15



OPERATING LIMITS	
Liquid Type	Thin, clean, clear, non-flamabel
Temperature of pumped liquid	- 10 to +120°C
Ambient Temperature	0 to 40°C

CONSTRUCTION CHARACTERISTICS		
Delivery diameter	40mm	mm
Impeller Type	Closed	
Electric pump weight	29	kg
Pump Seal	Mechanical	

ELECTRIC PUMP CHARACTERISTICS	
Connection	Flanged - PN16 65mm
Suction	40mm Cast Iron Cast
Discharge	Iron Cast Iron Silicon
Pump Body	carbide/ceramic
Motor Bracket	20CR13 1,9m
Impeller	
Mechanical Seal	
Shaft	
NPS Hr	

OPERATING PARAMETERS		
Service Flow Rate	27	m³/h
Service Head	13,9	m
H (Q=0) Hmax	18	m
Qmin (Qmin)	0	m³/h
Power consumption at duty point	1,43	kW
Pump Efficiency	71,4	%
Max Operating Pressure	10	Bar

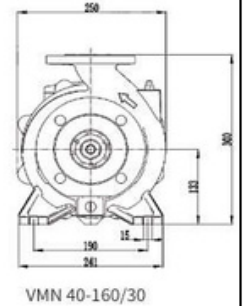
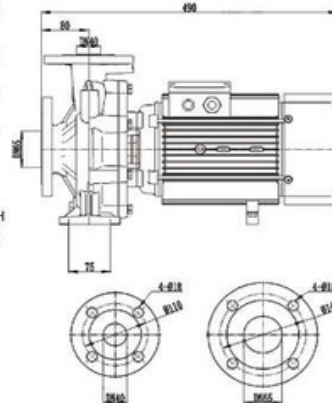
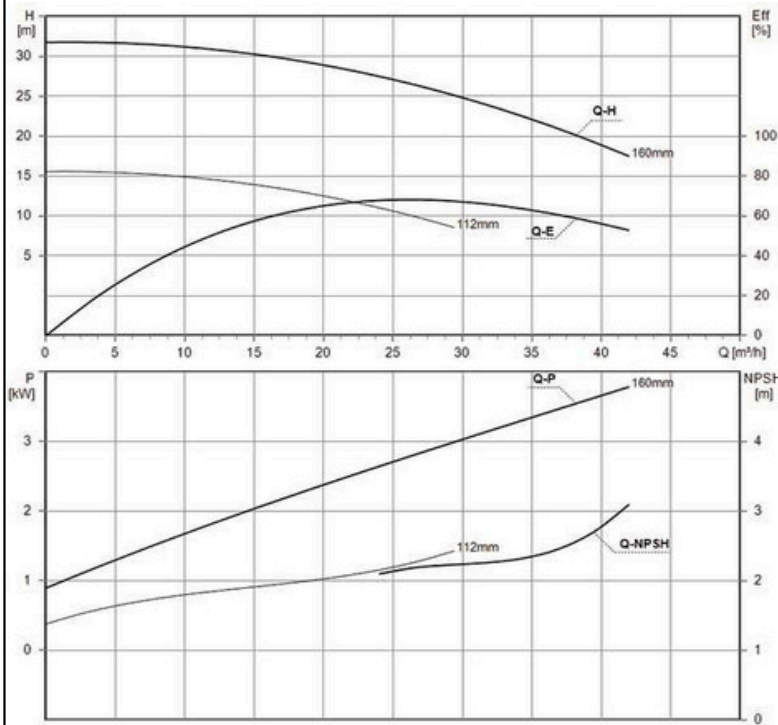
AP P LICATI ONS	
Water supply	
Pressurisation & fire-fighting systems	
Irrigation and drainage	
Heating, air-conditioning	
Drinking water	
Service water	

ELECTRIC MOTOR CHARACTERISTICS		
Nominal Power	1,5	kW
Rated Frequency	50	Hz
Rated Voltage	380	V
Rated current	6/3,5	A
No. Poles	2	
Rotation speed	2900	rpm
Type of motor	3	Phase
Efficiency Class	IE3	
Insulation Class	F	
Protection Class	IP55	

PUMP TYPE Electric Horizontal Centrifugal Monobloc

MODEL

VMN 40-160/30



OPERATING LIMITS

Liquid Type	Thin, clean, clear, non-flamabel
Temperature of pumped liquid	- 10 to +120°C
Ambient Temperature	0 to 40°C

CONSTRUCTION CHARACTERISTICS

Delivery diameter	40mm	mm
Impeller Type	Closed	
Electric pump weight	48	kg
Pump Seal	Mechanical	

ELECTRIC PUMP CHARACTERISTICS

Connection	Flanged - PN16 65mm
Suction	40mm Cast Iron Cast
Discharge	Iron Cast Iron Silicon
Pump Body	carbide/ceramic
Motor Bracket	20CR13 1,9m
Impeller	
Mechanical Seal	
Shaft	
NPS Hr	

OPERATING PARAMETERS

Service Flow Rate	27	m³/h
Service Head	26,3	m
H (Q=0) Hmax	32	m
Qmin (Qmin)	0	m³/h
Power consumption at duty point	2,85	kW
Pump Efficiency	68	%
Max Operating Pressure	10	Bar

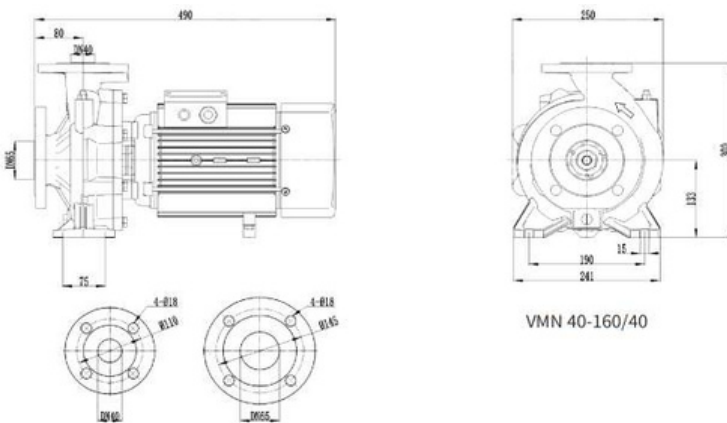
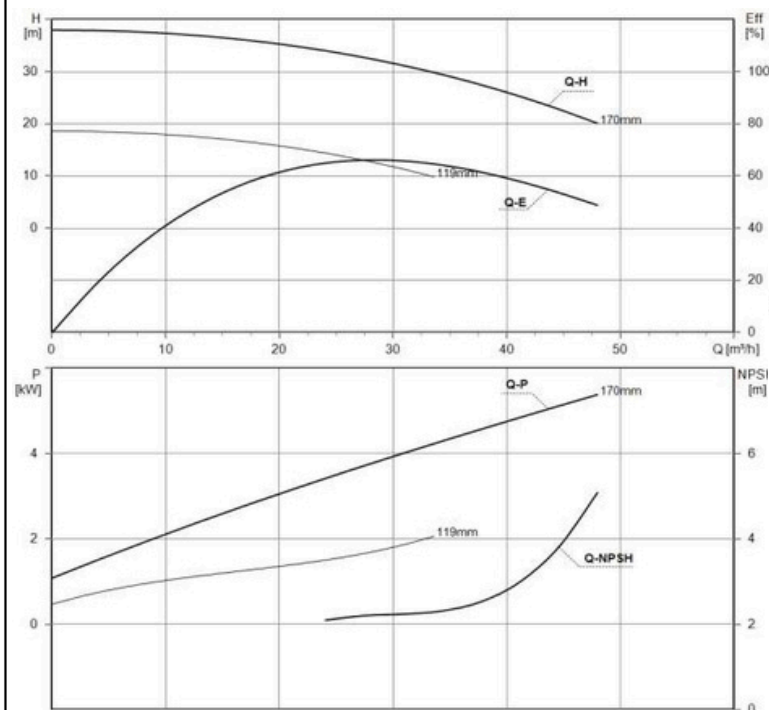
ELECTRIC MOTOR CHARACTERISTICS

Nominal Power	3	kW
Rated Frequency	50	Hz
Rated Voltage	380	V
Rated current	11,1 / 6,4	A
No. Poles	2	
Rotation speed	2900	rpm
Type of motor	3	Phase
Efficiency Class	IE3	
Insulation Class	F	
Protection Class	IP55	

AP P LICATI ONS

Water supply
Pressurisation & fire-fighting systems
Irrigation and drainage
Heating, air-conditioning
Drinking water
Service water

PUMP TYPE	Electric Horizontal Centrifugal Monobloc	MODEL	VMN 40-160/40
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OPERATING LIMITS	
Liquid Type	Thin, clean, clear, non-flamabel
Temperature of pumped liquid	- 10 to +120°C
Ambient Temperature	0 to 40°C

CONSTRUCTION CHARACTERISTICS		
Delivery diameter	40mm	mm
Impeller Type	Closed	
Electric pump weight	50	kg
Pump Seal	Mechanical	

ELECTRIC PUMP CHARACTERISTICS	
Connection	Flanged - PN16 65mm
Suction	40mm Cast Iron Cast
Discharge	Iron Cast Iron Silicon
Pump Body	carbide/ceramic
Motor Bracket	20CR13 1,9m
Impeller	
Mechanical Seal	
Shaft	
NPS Hr	

OPERATING PARAMETERS		
Service Flow Rate	27	m³/h
Service Head	33	m
H (Q=0) Hmax	38	m
Qmin (Qmin)	0	m³/h
Power consumption at duty point	3,69	kW
Pump Efficiency	65,8	%
Max Operating Pressure	10	Bar

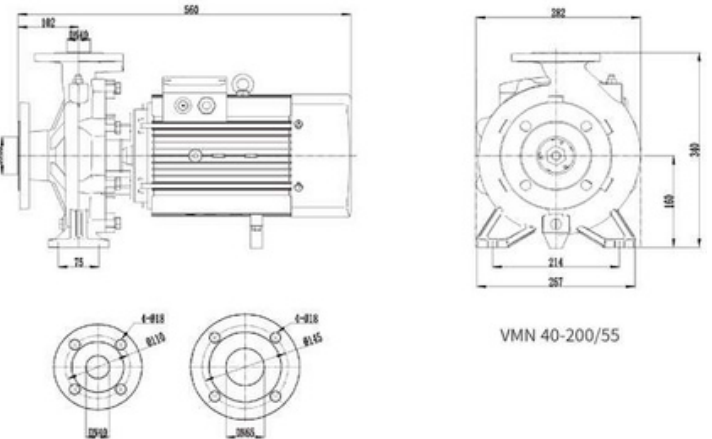
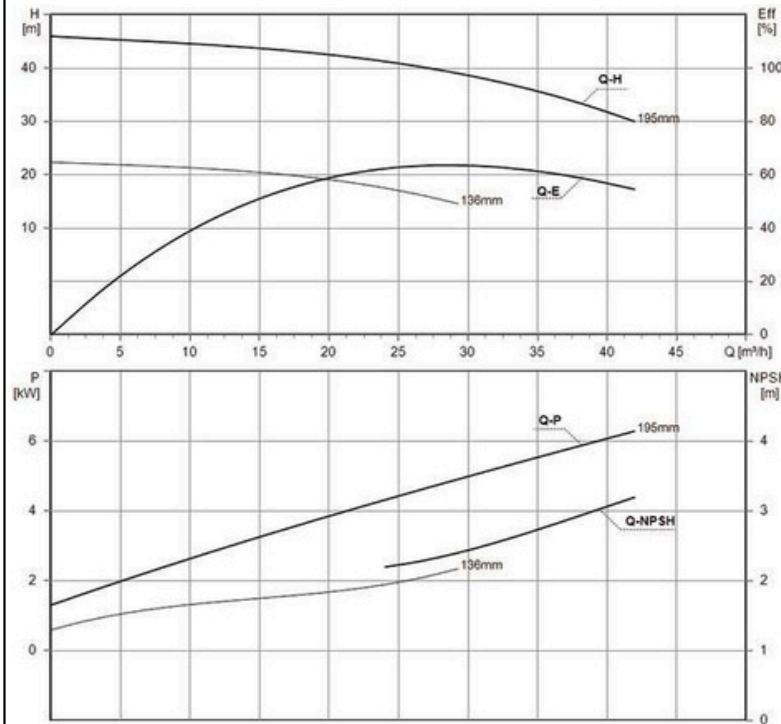
AP P LICATI ONS	
Water supply	
Pressurisation & fire-fighting systems	
Irrigation and drainage	
Heating, air-conditioning	
Drinking water	
Service water	

ELECTRIC MOTOR CHARACTERISTICS		
Nominal Power	4	kW
Rated Frequency	50	Hz
Rated Voltage	380	V
Rated current	8,2/4,7	A
No. Poles	2	
Rotation speed	2900	rpm
Type of motor	3	Phase
Efficiency Class	IE3	
Insulation Class	F	
Protection Class	IP55	

PUMP TYPE Electric Horizontal Centrifugal Monobloc

MODEL

VMN 40-200/55



OPERATING LIMITS

Liquid Type	Thin, clean, clear, non-flamabel
Temperature of pumped liquid	- 10 to +120°C
Ambient Temperature	0 to 40°C

CONSTRUCTION CHARACTERISTICS

Delivery diameter	40mm	mm
Impeller Type	Closed	
Electric pump weight	66	kg
Pump Seal	Mechanical	

ELECTRIC PUMP CHARACTERISTICS

Connection	Flanged - PN16 65mm
Suction	40mm Cast Iron Cast
Discharge	Iron 304 Stainless
Pump Body	Steel Silicon
Motor Bracket	carbide/ceramic
Impeller	20CR13 1,9m
Mechanical Seal	
Shaft	
NPS Hr	

OPERATING PARAMETERS

Service Flow Rate	27	m³/h
Service Head	40,1	m
H (Q=0) Hmax	46	m
Qmin (Qmin)	0	m³/h
Power consumption at duty point	4,68	kW
Pump Efficiency	63,1	%
Max Operating Pressure	10	Bar

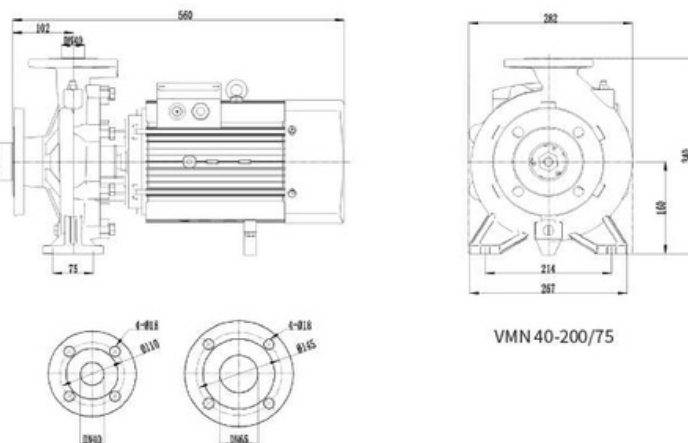
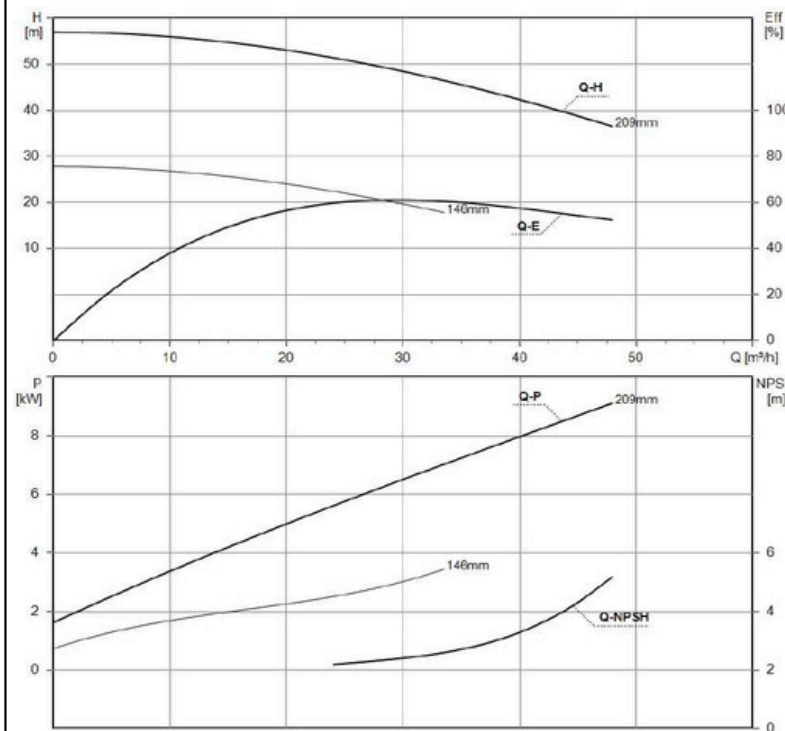
ELECTRIC MOTOR CHARACTERISTICS

Nominal Power	5,5	kW
Rated Frequency	50	Hz
Rated Voltage	380	V
Rated current	11,1 / 6,4	A
No. Poles	2	
Rotation speed	2900	rpm
Type of motor	3	Phase
Efficiency Class	IE3	
Insulation Class	F	
Protection Class	IP55	

AP P LICATI ONS

Water supply
Pressurisation & fire-fighting systems
Irrigation and drainage
Heating, air-conditioning
Drinking water
Service water

PUMP TYPE	Electric Horizontal Centrifugal Monobloc	MODEL	VMN 40-200/75
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VMN 40-200/75

OPERATING LIMITS

Liquid Type	Thin, clean, clear, non-flamabel
Temperature of pumped liquid	- 10 to +120°C
Ambient Temperature	0 to 40°C

CONSTRUCTION CHARACTERISTICS

Delivery diameter	40mm	mm
Impeller Type	Closed	
Electric pump weight	73	kg
Pump Seal	Mechanical	

ELECTRIC PUMP CHARACTERISTICS

Connection	Flanged - PN16 65mm
Suction	40mm Cast Iron Cast
Discharge	Iron 304 Stainless
Pump Body	Steel Silicon
Motor Bracket	carbide/ceramic
Impeller	20CR13 1,9m
Mechanical Seal	
Shaft	
NPS Hr	

OPERATING PARAMETERS

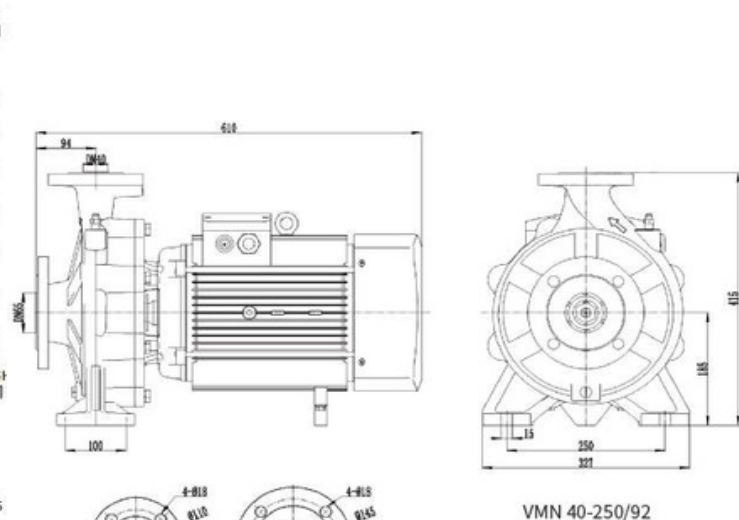
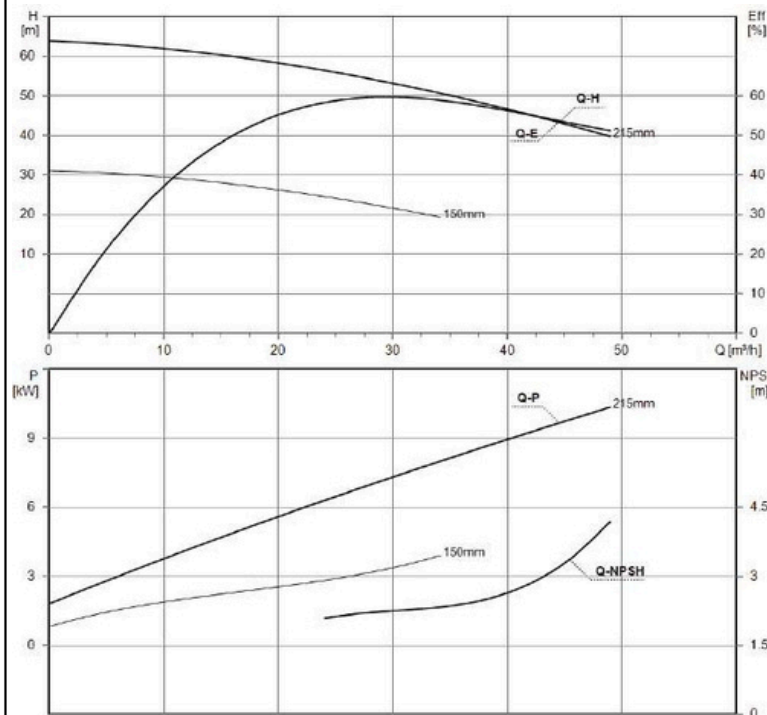
Service Flow Rate	27	m³/h
Service Head	50	m
H (Q=0) Hmax	57	m
Qmin (Qmin)	0	m³/h
Power consumption at duty point	6,09	kW
Pump Efficiency	60,4	%
Max Operating Pressure	10	Bar

ELECTRIC MOTOR CHARACTERISTICS

Nominal Power	7,5	kW
Rated Frequency	50	Hz
Rated Voltage	380	V
Rated current	15 / 8,7	A
No. Poles	2	
Rotation speed	2900	rpm
Type of motor	3	Phase
Efficiency Class	IE3	
Insulation Class	F	
Protection Class	IP55	

AP P LICATI ONS
Water supply
Pressurisation & fire-fighting systems
Irrigation and drainage
Heating, air-conditioning
Drinking water
Service water

PUMP TYPE	Electric Horizontal Centrifugal Monobloc	MODEL	VMN 40-250/92
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OPERATING LIMITS	
Liquid Type	Thin, clean, clear, non-flamabel
Temperature of pumped liquid	- 10 to +120°C
Ambient Temperature	0 to 40°C

CONSTRUCTION CHARACTERISTICS		
Delivery diameter	40mm	mm
Impeller Type	Closed	
Electric pump weight	100	kg
Pump Seal	Mechanical	

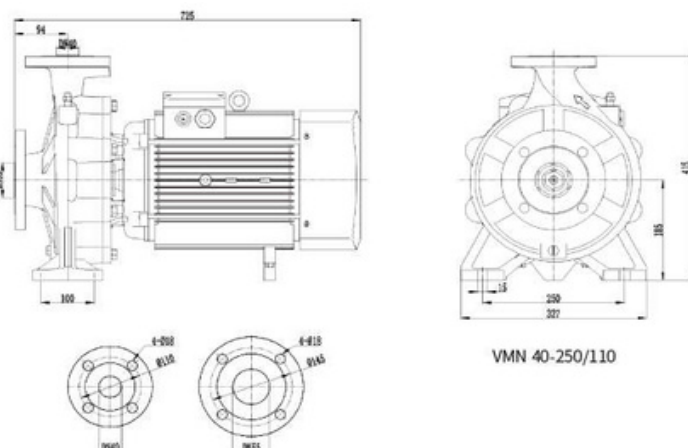
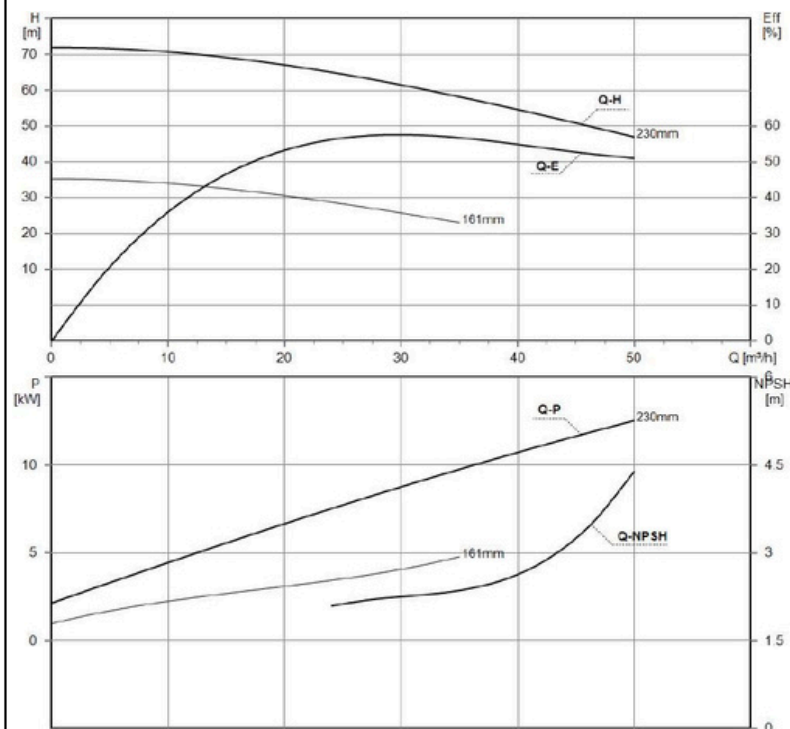
ELECTRIC PUMP CHARACTERISTICS	
Connection	Flanged - PN16 65mm
Suction	40mm Cast Iron Cast
Discharge	Iron Cast Iron Silicon
Pump Body	carbide/ceramic
Motor Bracket	20CR13 1,9m
Impeller	
Mechanical Seal	
Shaft	
NPS Hr	

OPERATING PARAMETERS		
Service Flow Rate	27	m³/h
Service Head	55	m
H (Q=0) Hmax	64	m
Qmin	(Qmin)	0
Power consumption at duty point	6,85	kW
Pump Efficiency	59,1	%
Max Operating Pressure	10	Bar

AP P LICATI ONS	
Water supply	
Pressurisation & fire-fighting systems	
Irrigation and drainage	
Heating, air-conditioning	
Drinking water	
Service water	

ELECTRIC MOTOR CHARACTERISTICS		
Nominal Power	9,2	kW
Rated Frequency	50	Hz
Rated Voltage	380	V
Rated current	19 / 1 0,9	A
No. Poles	2	
Rotation speed	2900	rpm
Type of motor	3	Phase
Efficiency Class	IE3	
Insulation Class	F	
Protection Class	IP55	

PUMP TYPE	Electric Horizontal Centrifugal Monobloc	MODEL	VMN 40-250-110
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OPERATING LIMITS	
Liquid Type	Thin, clean, clear, non-flamabel
Temperature of pumped liquid	- 10 to +120°C
Ambient Temperature	0 to 40°C

CONSTRUCTION CHARACTERISTICS		
Delivery diameter	40mm	mm
Impeller Type	Closed	
Electric pump weight	116	kg
Pump Seal	Mechanical	

ELECTRIC PUMP CHARACTERISTICS	
Connection	Flanged - PN16 65mm
Suction	40mm Cast Iron Cast
Discharge	Iron Cast Iron Silicon
Pump Body	carbide/ceramic
Motor Bracket	20CR13 1,9m
Impeller	
Mechanical Seal	
Shaft	
NPS Hr	

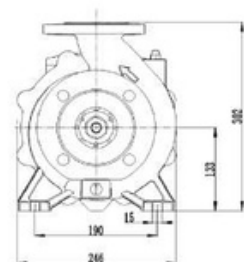
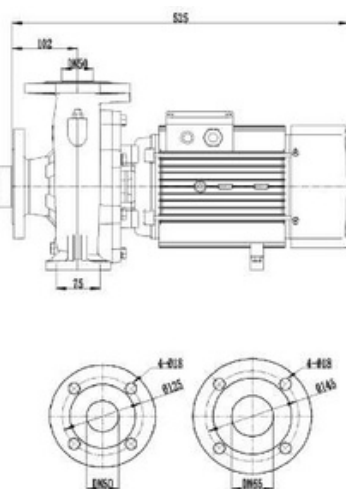
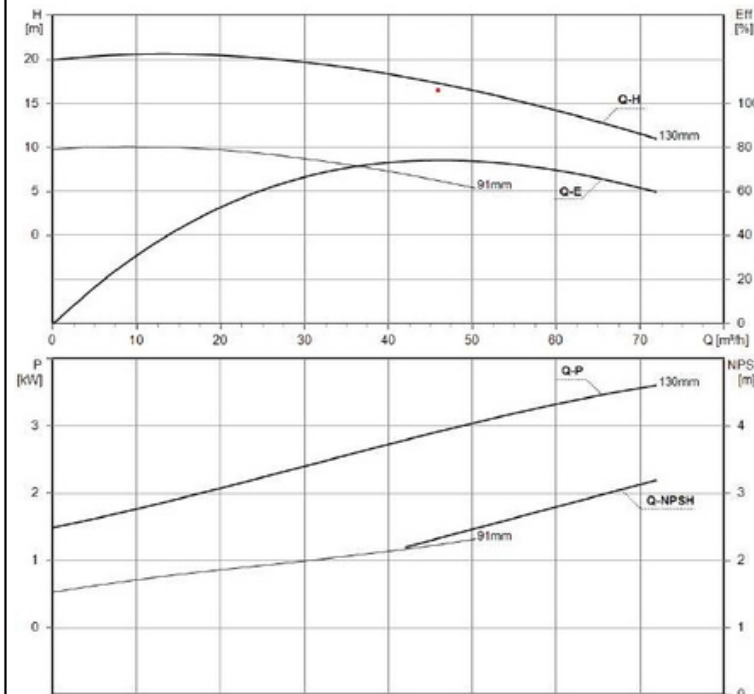
OPERATING PARAMETERS		
Service Flow Rate	27	m³/h
Service Head	63,5	m
H (Q=0) Hmax	71	m
Qmin (Qmin)	0	m³/h
Power consumption at duty point	8,2	kW
Pump Efficiency	57	%
Max Operating Pressure	10	Bar

AP P LICATI ONS	
Water supply	
Pressurisation & fire-fighting systems	
Irrigation and drainage	
Heating, air-conditioning	
Drinking water	
Service water	

ELECTRIC MOTOR CHARACTERISTICS		
Nominal Power	11	kW
Rated Frequency	50	Hz
Rated Voltage	380	V
Rated current	21,8 / 12,6	A
No. Poles	2	
Rotation speed	2900	rpm
Type of motor	3	Phase
Efficiency Class	IE3	
Insulation Class	F	
Protection Class	IP55	



PUMP TYPE	Electric Horizontal Centrifugal Monobloc	MODEL	VMN 50-125/30
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VMN 50-125/30

OPERATING LIMITS

Liquid Type	Thin, clean, clear, non-flamabel
Temperature of pumped liquid	- 10 to +120°C
Ambient Temperature	0 to 40°C

CONSTRUCTION CHARACTERISTICS

Delivery diameter	50mm	mm
Impeller Type	Closed	
Electric pump weight	50	kg
Pump Seal	Mechanical	

ELECTRIC PUMP CHARACTERISTICS

Connection	Flanged - PN16 65mm
Suction	50mm Cast Iron Cast
Discharge	Iron Cast Iron Silicon
Pump Body	carbide/ceramic
Motor Bracket	20CR13 2,8m
Impeller	
Mechanical Seal	
Shaft	
NPS Hr	

OPERATING PARAMETERS

Service Flow Rate	48	m³/h
Service Head	17	m
H (Q=0) Hmax	20	m
Qmin (Qmin)	0	m³/h
Power consumption at duty point	2,98	kW
Pump Efficiency	74,7	%
Max Operating Pressure	10	Bar

ELECTRIC MOTOR CHARACTERISTICS

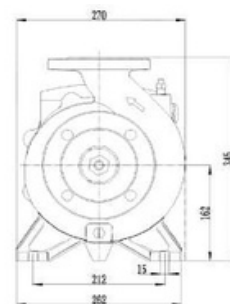
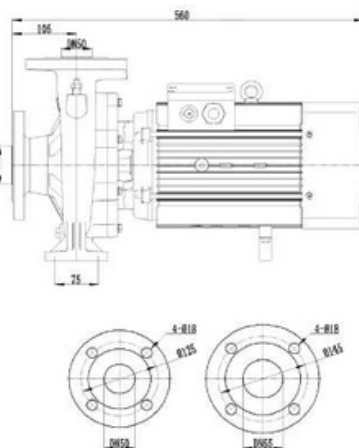
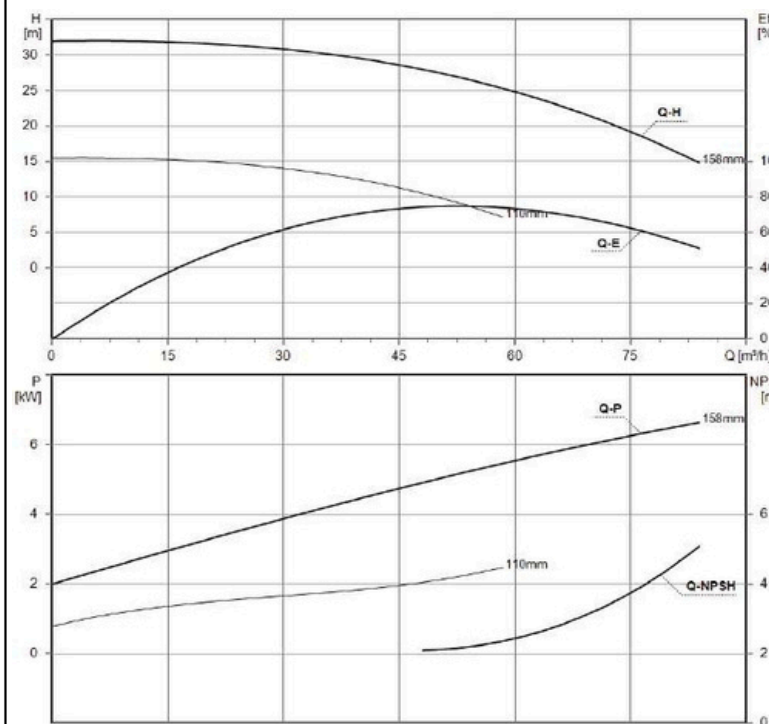
Nominal Power	3	kW
Rated Frequency	50	Hz
Rated Voltage	380	V
Rated current	11,1 / 6,4	A
No. Poles	2	
Rotation speed	2900	rpm
Type of motor	3	Phase
Efficiency Class	IE3	
Insulation Class	F	
Protection Class	IP55	

APPLICATIONS
Water supply
Pressurisation & fire-fighting systems
Irrigation and drainage
Heating, air-conditioning
Drinking water
Service water



VMN 50-125/40

PUMP TYPE	Electric Horizontal Centrifugal Monobloc	MODEL	VMN 50-160/55
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VMN 50-160/55

OPERATING LIMITS

Liquid Type	Thin, clean, clear, non-flamabel
Temperature of pumped liquid	- 10 to +120°C
Ambient Temperature	0 to 40°C

CONSTRUCTION CHARACTERISTICS

Delivery diameter	50mm	mm
Impeller Type	Closed	
Electric pump weight	64	kg
Pump Seal	Mechanical	

ELECTRIC PUMP CHARACTERISTICS

Connection	Flanged - PN16 65mm
Suction	50mm Cast Iron Cast
Discharge	Iron Cast Iron Silicon
Pump Body	carbide/ceramic
Motor Bracket	20CR13 3,1m
Impeller	
Mechanical Seal	
Shaft	
NPS Hr	

OPERATING PARAMETERS

Service Flow Rate	54	m³/h
Service Head	26,6	m
H (Q=0) Hmax	33	m
Qmin (Qmin)	0	m³/h
Power consumption at duty point	5,23	kW
Pump Efficiency	74,8	%
Max Operating Pressure	10	Bar

ELECTRIC MOTOR CHARACTERISTICS

Nominal Power	5,5	kW
Rated Frequency	50	Hz
Rated Voltage	380	V
Rated current	11 ,1 /6,4	A
No. Poles	2	
Rotation speed	2900	rpm
Type of motor	3	Phase
Efficiency Class	IE3	
Insulation Class	F	
Protection Class	IP55	

AP P LICATI ONS
Water supply
Pressurisation & fire-fighting systems
Irrigation and drainage
Heating, air-conditioning
Drinking water
Service water

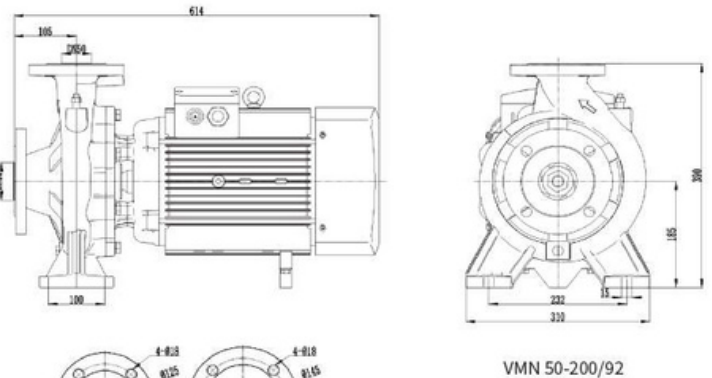
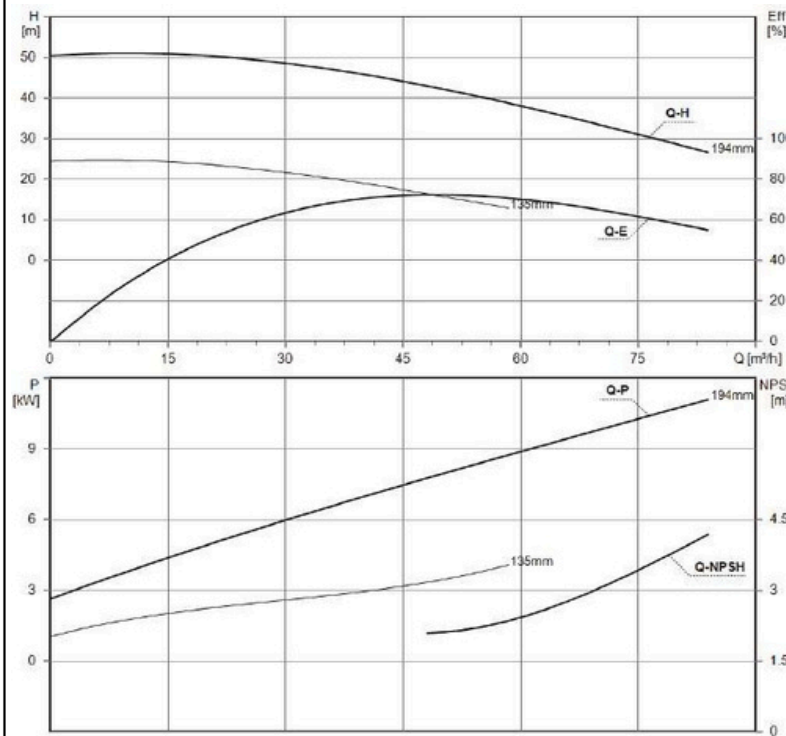


VMN 50-160/75

PUMP TYPE Electric Horizontal Centrifugal Monobloc

MODEL

VMN 50-200/92



OPERATING LIMITS

Liquid Type	Thin, clean, clear, non-flamabel
Temperature of pumped liquid	- 10 to +120°C
Ambient Temperature	0 to 40°C

CONSTRUCTION CHARACTERISTICS

Delivery diameter	50mm	mm
Impeller Type	Closed	
Electric pump weight	90	kg
Pump Seal	Mechanical	

ELECTRIC PUMP CHARACTERISTICS

Connection	Flanged - PN16 65mm
Suction	50mm Cast Iron Cast
Discharge	Iron Cast Iron Silicon
Pump Body	carbide/ceramic
Motor Bracket	20CR13 3,1m
Impeller	
Mechanical Seal	
Shaft	
NPS Hr	

OPERATING PARAMETERS

Service Flow Rate			54	m³/h
Service Head			40,9	m
H (Q=0) Hmax			50,5	m
Qmin	(Qmin)	0	85	m³/h
Power consumption at duty point			8,35	kW
Pump Efficiency			72,1	%
Max Operating Pressure			10	Bar

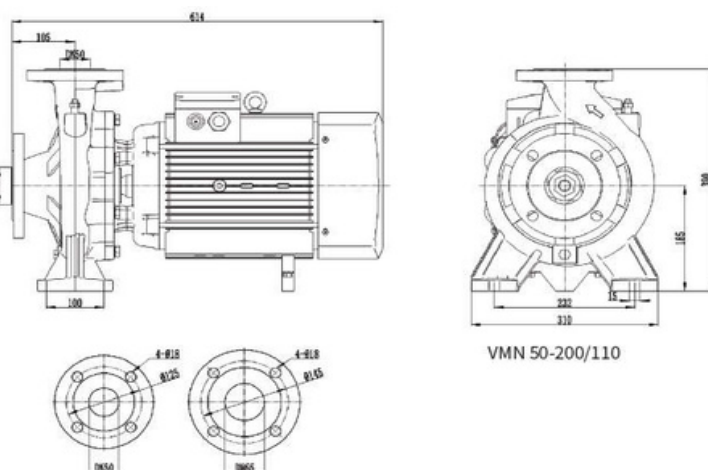
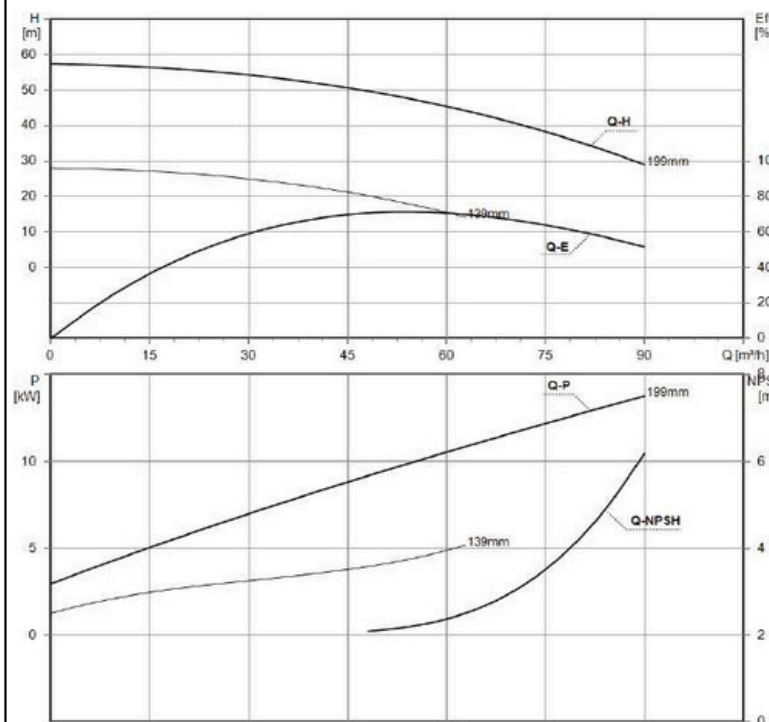
APPLICATIONS

Water supply
Pressurisation & fire-fighting systems
Irrigation and drainage
Heating, air-conditioning
Drinking water
Service water

ELECTRIC MOTOR CHARACTERISTICS

Nominal Power	9,2	kW
Rated Frequency	50	Hz
Rated Voltage	380	V
Rated current	19 / 1 0,9	A
No. Poles	2	
Rotation speed	2900	rpm
Type of motor	3	Phase
Efficiency Class	IE3	
Insulation Class	F	
Protection Class	IP55	

PUMP TYPE	Electric Horizontal Centrifugal Monobloc	MODEL	VMN 50-200/110
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OPERATING LIMITS	
Liquid Type	Thin, clean, clear, non-flamabel
Temperature of pumped liquid	- 10 to +120°C
Ambient Temperature	0 to 40°C

CONSTRUCTION CHARACTERISTICS		
Delivery diameter	50mm	mm
Impeller Type	Closed	
Electric pump weight	106	kg
Pump Seal	Mechanical	

ELECTRIC PUMP CHARACTERISTICS	
Connection	Flanged - PN16 65mm
Suction	50mm Cast Iron Cast
Discharge	Iron Cast Iron Silicon
Pump Body	carbide/ceramic
Motor Bracket	20CR13 3,1m
Impeller	
Mechanical Seal	
Shaft	
NPS Hr	

OPERATING PARAMETERS		
Service Flow Rate	54	m³/h
Service Head	47,5	m
H (Q=0) Hmax	58	m
Qmin (Qmin)	0	m³/h
Power consumption at duty point	9,9	kW
Pump Efficiency	70,6	%
Max Operating Pressure	10	Bar

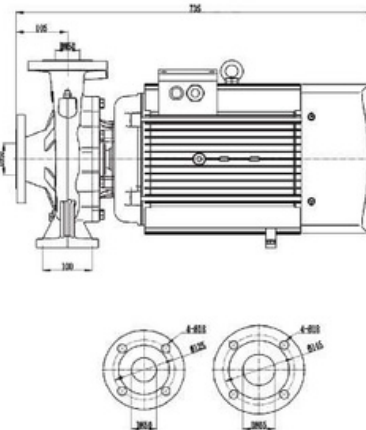
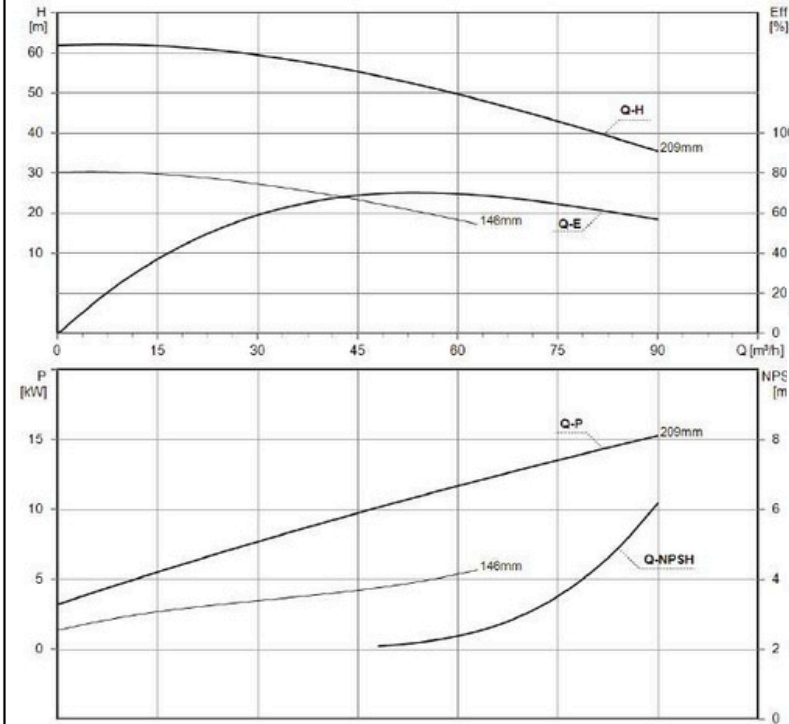
AP P LICATI ONS	
Water supply	
Pressurisation & fire-fighting systems	
Irrigation and drainage	
Heating, air-conditioning	
Drinking water	
Service water	

ELECTRIC MOTOR CHARACTERISTICS		
Nominal Power	11	kW
Rated Frequency	50	Hz
Rated Voltage	380	V
Rated current	21.8/12.6	A
No. Poles	2	
Rotation speed	2900	rpm
Type of motor	3	Phase
Efficiency Class	IE3	
Insulation Class	F	
Protection Class	IP55	

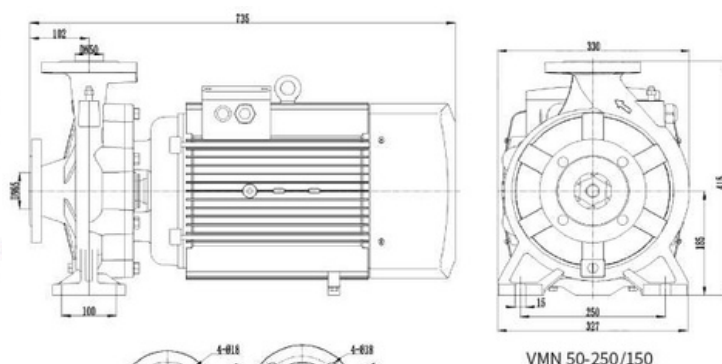
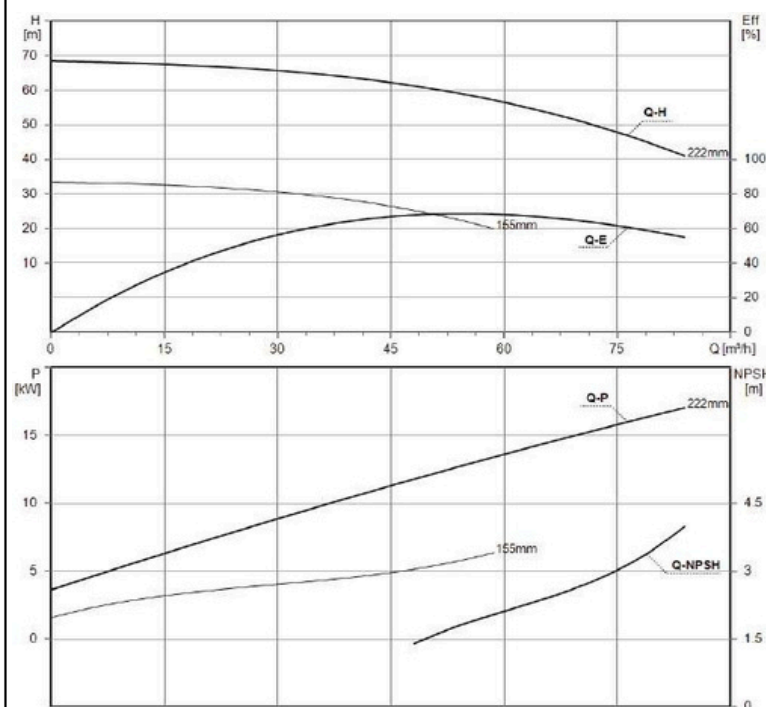
PUMP TYPE Electric Horizontal Centrifugal Monobloc

MODEL

VMN 50-200/150



PUMP TYPE	Electric Horizontal Centrifugal Monobloc	MODEL	VMN 50-250/150
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OPERATING LIMITS	
Liquid Type	Thin, clean, clear, non-flamabel
Temperature of pumped liquid	- 10 to +120°C
Ambient Temperature	0 to 40°C

CONSTRUCTION CHARACTERISTICS		
Delivery diameter	50mm	mm
Impeller Type	Closed	
Electric pump weight	148	kg
Pump Seal	Mechanical	

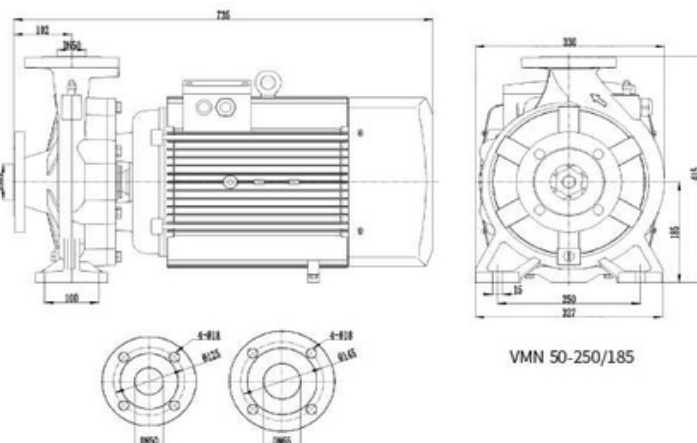
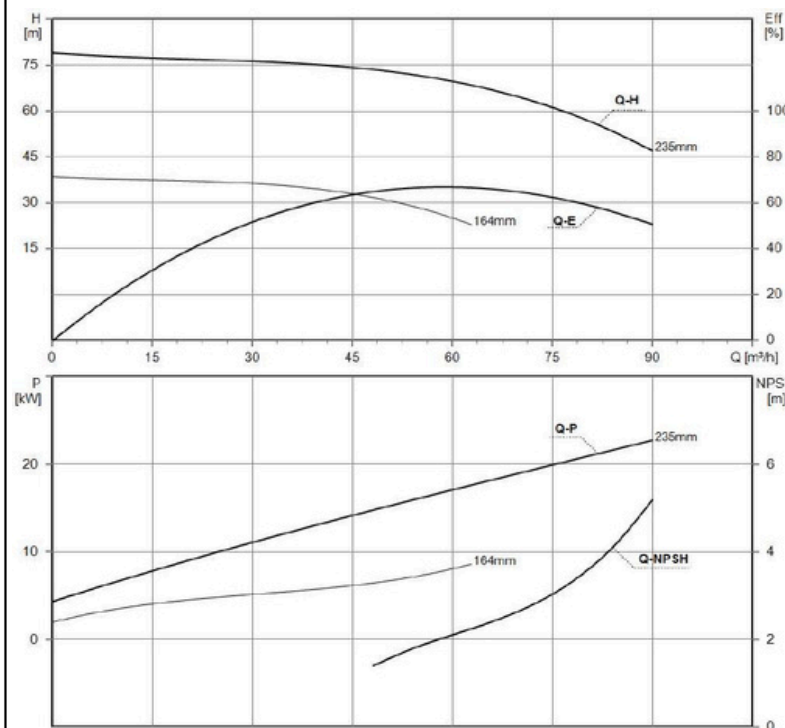
ELECTRIC PUMP CHARACTERISTICS	
Connection	Flanged - PN16 65mm
Suction	50mm Cast Iron Cast
Discharge	Iron Cast Iron Silicon
Pump Body	carbide/ceramic
Motor Bracket	20CR13 3,1m
Impeller	
Mechanical Seal	
Shaft	
NPS Hr	

OPERATING PARAMETERS		
Service Flow Rate	54	m³/h
Service Head	59	m
H (Q=0) Hmax	68,5	m
Qmin (Qmin)	0	82,5 m³/h
Power consumption at duty point	12,75	kW
Pump Efficiency	68,1	%
Max Operating Pressure	10	Bar

AP P LICATI ONS	
Water supply	
Pressurisation & fire-fighting systems	
Irrigation and drainage	
Heating, air-conditioning	
Drinking water	
Service water	

ELECTRIC MOTOR CHARACTERISTICS		
Nominal Power	15	kW
Rated Frequency	50	Hz
Rated Voltage	380	V
Rated current	29,4/17	A
No. Poles	2	
Rotation speed	2900	rpm
Type of motor	3	Phase
Efficiency Class	IE3	
Insulation Class	F	
Protection Class	IP55	

PUMP TYPE	Electric Horizontal Centrifugal Monobloc	MODEL	VMN 50-250/185
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OPERATING LIMITS	
Liquid Type	Thin, clean, clear, non-flamabel
Temperature of pumped liquid	- 10 to +120°C
Ambient Temperature	0 to 40°C

CONSTRUCTION CHARACTERISTICS		
Delivery diameter	50mm	mm
Impeller Type	Closed	
Electric pump weight	153	kg
Pump Seal	Mechanical	

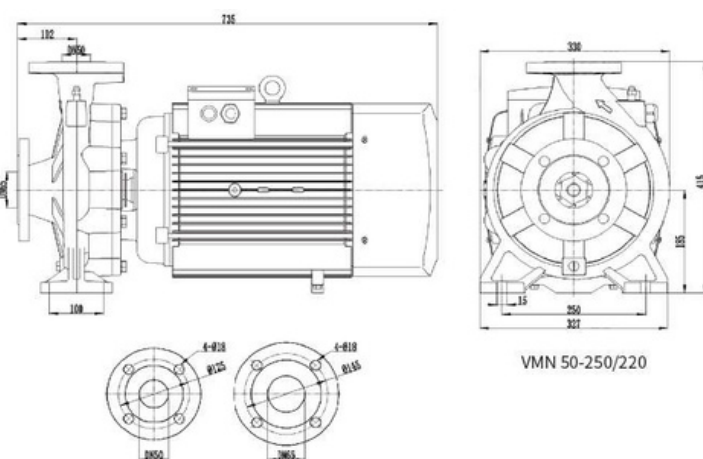
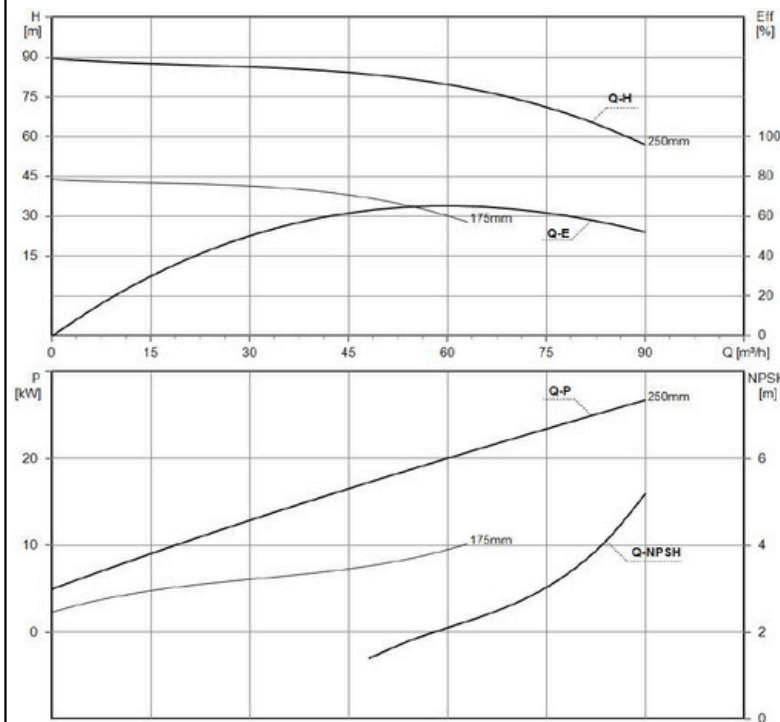
ELECTRIC PUMP CHARACTERISTICS	
Connection	Flanged - PN16 65mm
Suction	50mm Cast Iron Cast
Discharge	Iron Cast Iron Silicon
Pump Body	carbide/ceramic
Motor Bracket	20CR13 3,1m
Impeller	
Mechanical Seal	
Shaft	
NPS Hr	

OPERATING PARAMETERS		
Service Flow Rate	54	m³/h
Service Head	71,5	m
H (Q=0) Hmax	77	m
Qmin	(Qmin)	0
Power consumption at duty point	16	kW
Pump Efficiency	65,7	%
Max Operating Pressure	10	Bar

AP P LICATI ONS	
Water supply	
Pressurisation & fire-fighting systems	
Irrigation and drainage	
Heating, air-conditioning	
Drinking water	
Service water	

ELECTRIC MOTOR CHARACTERISTICS		
Nominal Power	18,5	kW
Rated Frequency	50	Hz
Rated Voltage	380	V
Rated current	35,5/20,5	A
No. Poles	2	
Rotation speed	2900	rpm
Type of motor	3	Phase
Efficiency Class	IE3	
Insulation Class	F	
Protection Class	IP55	

PUMP TYPE	Electric Horizontal Centrifugal Monobloc	MODEL	VMN 50-250/220
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OPERATING LIMITS	
Liquid Type	Thin, clean, clear, non-flamabel
Temperature of pumped liquid	- 10 to +120°C
Ambient Temperature	0 to 40°C

CONSTRUCTION CHARACTERISTICS		
Delivery diameter	50mm	mm
Impeller Type	Closed	
Electric pump weight	183	kg
Pump Seal	Mechanical	

ELECTRIC PUMP CHARACTERISTICS	
Connection	Flanged - PN16 65mm
Suction	50mm Cast Iron Cast
Discharge	Iron Cast Iron Silicon
Pump Body	carbide/ceramic
Motor Bracket	20CR13 3,1m
Impeller	
Mechanical Seal	
Shaft	
NPS Hr	

OPERATING PARAMETERS		
Service Flow Rate	54	m³/h
Service Head	81,5	m
H (Q=0) Hmax	90	m
Qmin	(Qmin)	0
Power consumption at duty point	18,77	kW
Pump Efficiency	63,9	%
Max Operating Pressure	10	Bar

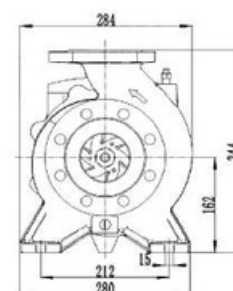
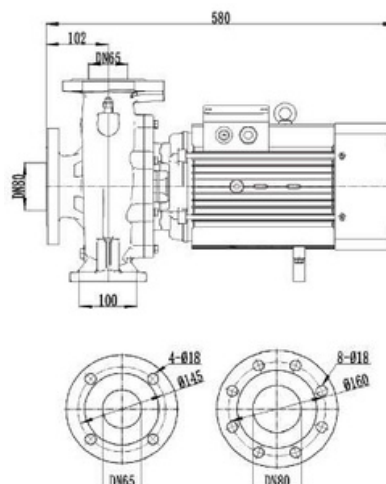
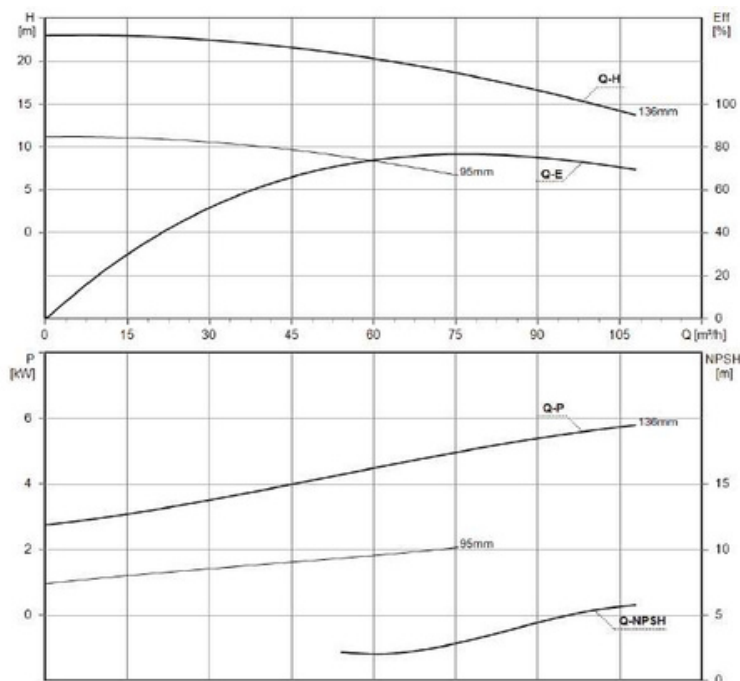
AP P LICATI ONS	
Water supply	
Pressurisation & fire-fighting systems	
Irrigation and drainage	
Heating, air-conditioning	
Drinking water	
Service water	

ELECTRIC MOTOR CHARACTERISTICS		
Nominal Power	22	kW
Rated Frequency	50	Hz
Rated Voltage	380	V
Rated current	42.2/24.4	A
No. Poles	2	
Rotation speed	2900	rpm
Type of motor	3	Phase
Efficiency Class	IE3	
Insulation Class	F	
Protection Class	IP55	

PUMP TYPE Electric Horizontal Centrifugal Monobloc

MODEL

VMN 65-125/55



VMN 65-125/55

OPERATING LIMITS

Liquid Type	Thin, clean, clear, non-flamabel
Temperature of pumped liquid	- 10 to +120°C
Ambient Temperature	0 to 40°C

CONSTRUCTION CHARACTERISTICS

Delivery diameter	65mm	mm
Impeller Type	Closed	
Electric pump weight	68	kg
Pump Seal	Mechanical	

ELECTRIC PUMP CHARACTERISTICS

Connection	Flanged - PN16 80mm
Suction	65mm Cast Iron Cast
Discharge	Iron Cast Iron Silicon
Pump Body	carbide/ceramic
Motor Bracket	20CR13 3,7m
Impeller	
Mechanical Seal	
Shaft	
NPS Hr	

OPERATING PARAMETERS

Service Flow Rate	72	m³/h
Service Head	19	m
H (Q=0) Hmax	23	m
Qmin (Qmin)	0	107
Power consumption at duty point	4,87	kW
Pump Efficiency	76,6	%
Max Operating Pressure	10	Bar

ELECTRIC MOTOR CHARACTERISTICS

Nominal Power	5,5	kW
Rated Frequency	50	Hz
Rated Voltage	380	V
Rated current	11.1/6.4	A
No. Poles	2	
Rotation speed	2900	rpm
Type of motor	3	Phase
Efficiency Class	IE3	
Insulation Class	F	
Protection Class	IP55	

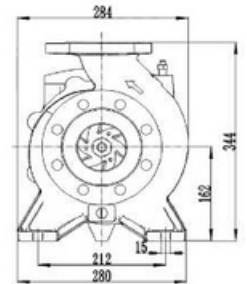
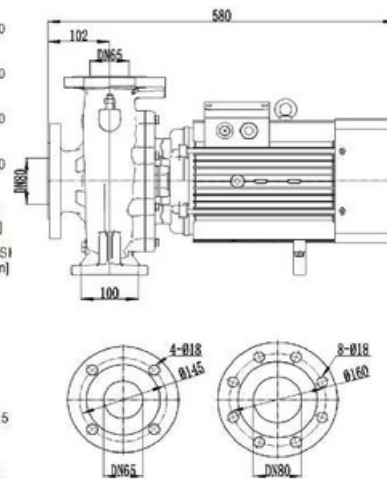
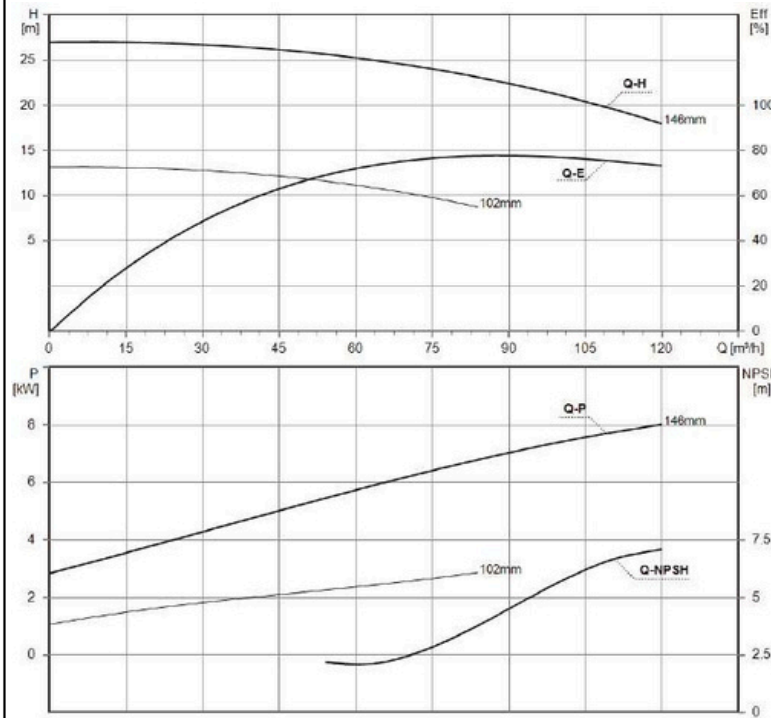
AP P LICATI ONS

Water supply
Pressurisation & fire-fighting systems
Irrigation and drainage
Heating, air-conditioning
Drinking water
Service water

PUMP TYPE Electric Horizontal Centrifugal Monobloc

MODEL

VMN 65-125/75



VMN 65-125/75

OPERATING LIMITS

Liquid Type	Thin, clean, clear, non-flamabel
Temperature of pumped liquid	- 10 to +120°C
Ambient Temperature	0 to 40°C

CONSTRUCTION CHARACTERISTICS

Delivery diameter	65mm	mm
Impeller Type	Closed	
Electric pump weight	74	kg
Pump Seal	Mechanical	

ELECTRIC PUMP CHARACTERISTICS

Connection	Flanged - PN16 80mm
Suction	65mm Cast Iron Cast
Discharge	Iron Cast Iron Silicon
Pump Body	carbide/ceramic
Motor Bracket	20CR13 3,7m
Impeller	
Mechanical Seal	
Shaft	
NPS Hr	

OPERATING PARAMETERS

Service Flow Rate	72	m³/h
Service Head	24,5	m
H (Q=0) Hmax	26,5	m
Qmin (Qmin)	0	120 m³/h
Power consumption at duty point	6,28	kW
Pump Efficiency	76,6	%
Max Operating Pressure	10	Bar

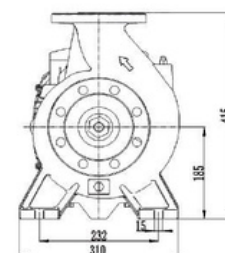
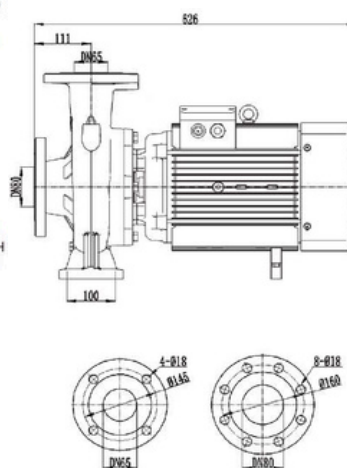
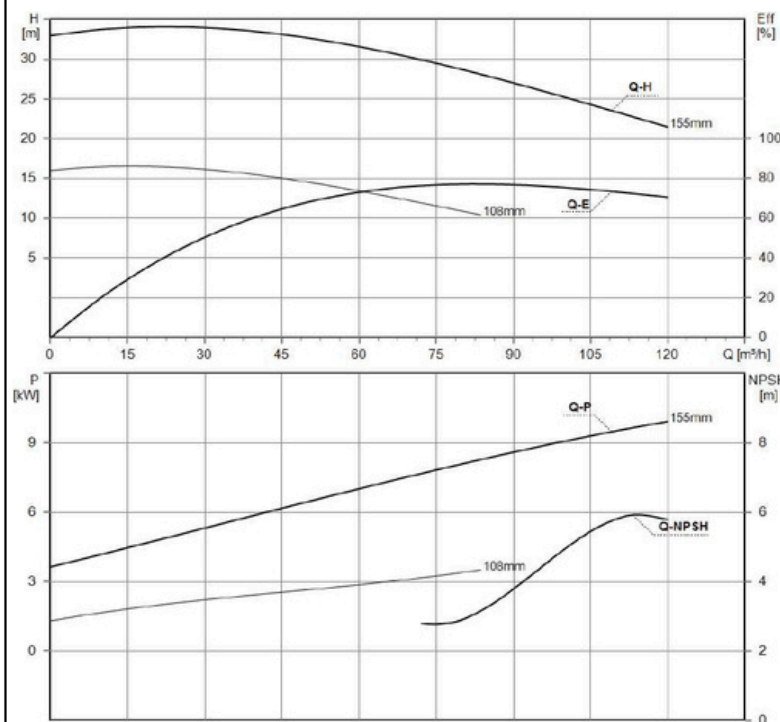
ELECTRIC MOTOR CHARACTERISTICS

Nominal Power	7,5	kW
Rated Frequency	50	Hz
Rated Voltage	380	V
Rated current	15 / 8,7	A
No. Poles	2	
Rotation speed	2900	rpm
Type of motor	3	Phase
Efficiency Class	IE3	
Insulation Class	F	
Protection Class	IP55	

AP P LICATI ONS

Water supply
Pressurisation & fire-fighting systems
Irrigation and drainage
Heating, air-conditioning
Drinking water
Service water

PUMP TYPE	Electric Horizontal Centrifugal Monobloc	MODEL	VMN 65-160/92
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VMN 65-160/92

OPERATING LIMITS

Liquid Type	Thin, clean, clear, non-flamabel
Temperature of pumped liquid	- 10 to +120°C
Ambient Temperature	0 to 40°C

CONSTRUCTION CHARACTERISTICS

Delivery diameter	65mm	mm
Impeller Type	Closed	
Electric pump weight	90	kg
Pump Seal	Mechanical	

ELECTRIC PUMP CHARACTERISTICS

Connection	Flanged - PN16 80mm
Suction	65mm Cast Iron Cast
Discharge	Iron Cast Iron Silicon
Pump Body	carbide/ceramic
Motor Bracket	20CR13 4,1m
Impeller	
Mechanical Seal	
Shaft	
NPS Hr	

OPERATING PARAMETERS

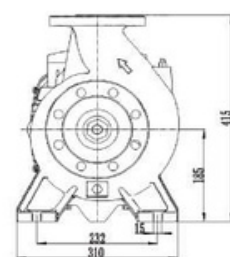
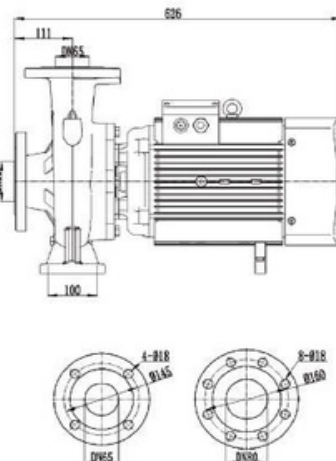
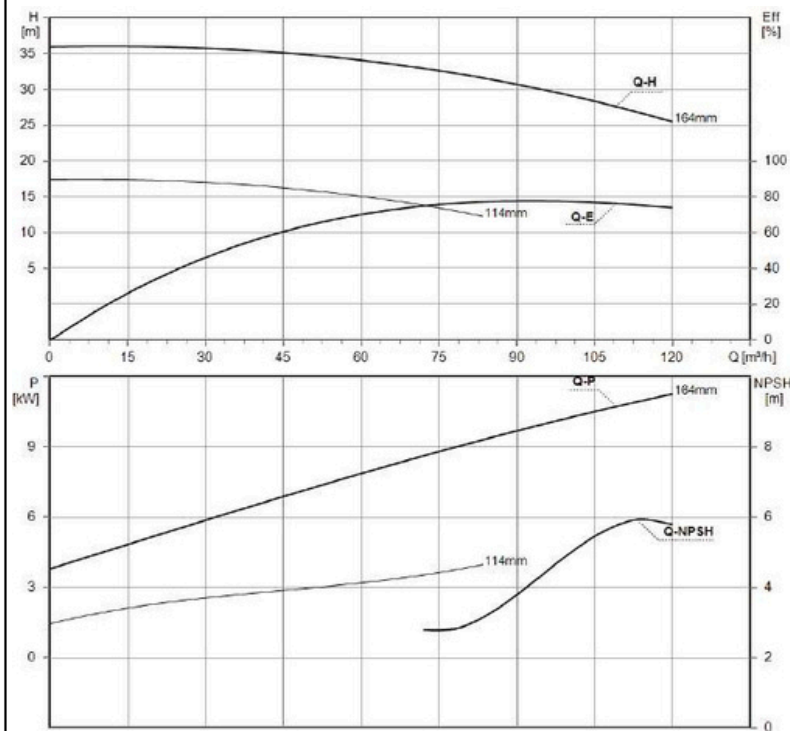
Service Flow Rate	84	m³/h
Service Head	28	m
H (Q=0) Hmax	34	m
Qmin (Qmin)	0	120 m³/h
Power consumption at duty point	8,3	kW
Pump Efficiency	77,2	%
Max Operating Pressure	10	Bar

ELECTRIC MOTOR CHARACTERISTICS

Nominal Power	9,2	kW
Rated Frequency	50	Hz
Rated Voltage	380	V
Rated current	19 / 1 0,9	A
No. Poles	2	
Rotation speed	2900	rpm
Type of motor	3	Phase
Efficiency Class	IE3	
Insulation Class	F	
Protection Class	IP55	

AP P LICATI ONS
Water supply
Pressurisation & fire-fighting systems
Irrigation and drainage
Heating, air-conditioning
Drinking water
Service water

PUMP TYPE	Electric Horizontal Centrifugal Monobloc	MODEL	VMN 65-160-110
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VMN 65-160/110

OPERATING LIMITS

Liquid Type	Thin, clean, clear, non-flamabel
Temperature of pumped liquid	- 10 to +120°C
Ambient Temperature	0 to 40°C

CONSTRUCTION CHARACTERISTICS

Delivery diameter	65mm	mm
Impeller Type	Closed	
Electric pump weight	106	kg
Pump Seal	Mechanical	

ELECTRIC PUMP CHARACTERISTICS

Connection	Flanged - PN16 80mm
Suction	65mm Cast Iron Cast
Discharge	Iron Cast Iron Silicon
Pump Body	carbide/ceramic
Motor Bracket	20CR13 4,1m
Impeller	
Mechanical Seal	
Shaft	
NPS Hr	

OPERATING PARAMETERS

Service Flow Rate	84	m³/h
Service Head	31,5	m
H (Q=0) Hmax	35,5	m
Qmin (Qmin)	0	120 m³/h
Power consumption at duty point	9,34	kW
Pump Efficiency	77,2	%
Max Operating Pressure	10	Bar

ELECTRIC MOTOR CHARACTERISTICS

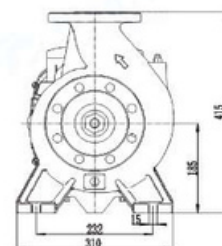
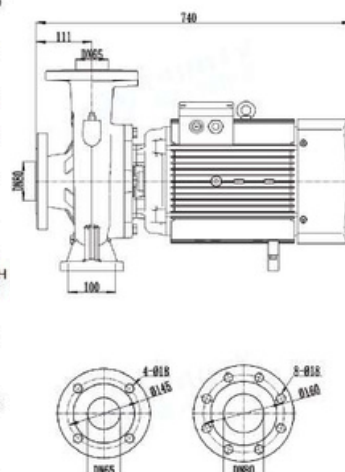
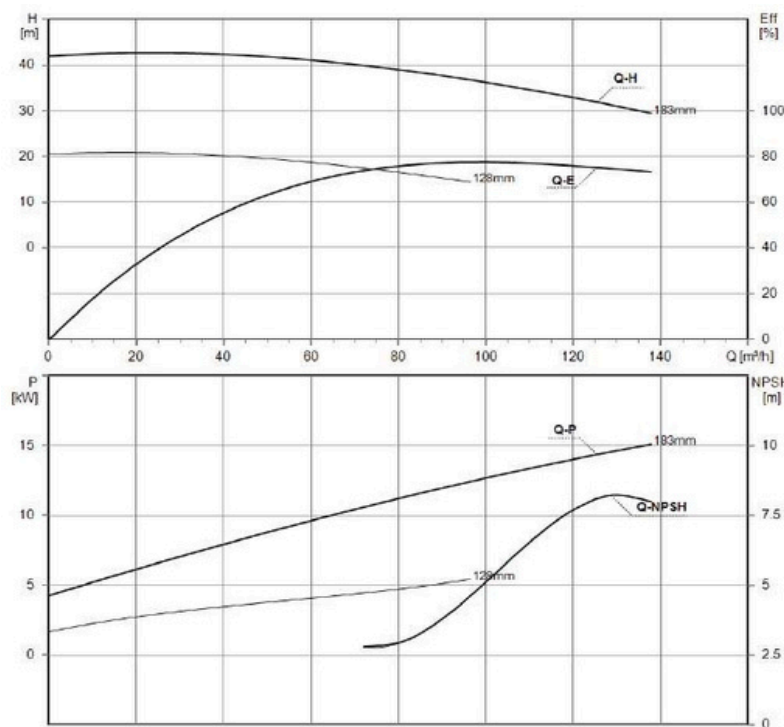
Nominal Power	11	kW
Rated Frequency	50	Hz
Rated Voltage	380	V
Rated current	21.8/12.6	A
No. Poles	2	
Rotation speed	2900	rpm
Type of motor	3	Phase
Efficiency Class	IE3	
Insulation Class	F	
Protection Class	IP55	

AP P LICATI ONS
Water supply
Pressurisation & fire-fighting systems
Irrigation and drainage
Heating, air-conditioning
Drinking water
Service water

PUMP TYPE Electric Horizontal Centrifugal Monobloc

MODEL

VMN 65-160/150



VMN 65-160/150

OPERATING LIMITS

Liquid Type	Thin, clean, clear, non-flamabel
Temperature of pumped liquid	- 10 to +120°C
Ambient Temperature	0 to 40°C

CONSTRUCTION CHARACTERISTICS

Delivery diameter	65mm	mm
Impeller Type	Closed	
Electric pump weight	134	kg
Pump Seal	Mechanical	

ELECTRIC PUMP CHARACTERISTICS

Connection	Flanged - PN16 80mm
Suction	65mm Cast Iron Cast
Discharge	Iron Cast Iron Silicon
Pump Body	carbide/ceramic
Motor Bracket	20CR13 4,1m
Impeller	
Mechanical Seal	
Shaft	
NPS Hr	

OPERATING PARAMETERS

Service Flow Rate	84	m³/h
Service Head	38,5	m
H (Q=0) Hmax	41	m
Qmin (Qmin)	0	139 m³/h
Power consumption at duty point	11,52	kW
Pump Efficiency	76,5	%
Max Operating Pressure	10	Bar

ELECTRIC MOTOR CHARACTERISTICS

Nominal Power	15	kW
Rated Frequency	50	Hz
Rated Voltage	380	V
Rated current	29.4/17	A
No. Poles	2	
Rotation speed	2900	rpm
Type of motor	3	Phase
Efficiency Class	IE3	
Insulation Class	F	
Protection Class	IP55	

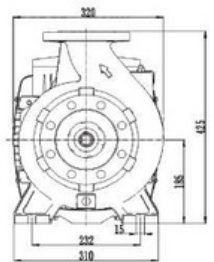
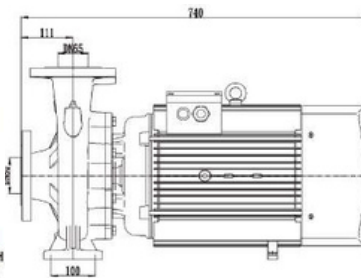
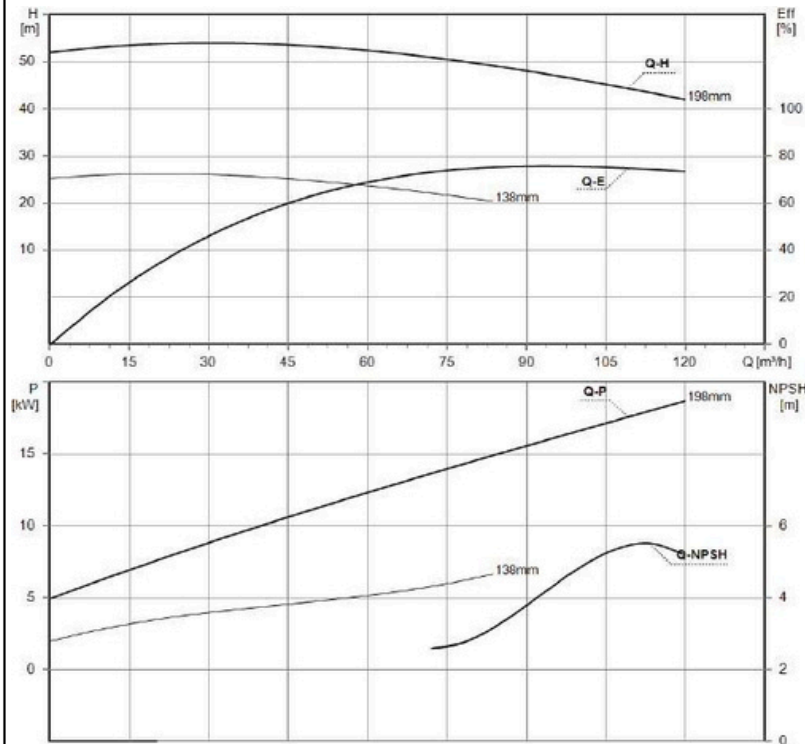
AP P LICATI ONS

Water supply
Pressurisation & fire-fighting systems
Irrigation and drainage
Heating, air-conditioning
Drinking water
Service water

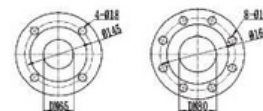
PUMP TYPE Electric Horizontal Centrifugal Monobloc

MODEL

VMN 65-200/185



VMN 65-200/185



OPERATING LIMITS

Liquid Type	Thin, clean, clear, non-flamabel
Temperature of pumped liquid	- 10 to +120°C
Ambient Temperature	0 to 40°C

CONSTRUCTION CHARACTERISTICS

Delivery diameter	65mm	mm
Impeller Type	Closed	
Electric pump weight	145	kg
Pump Seal	Mechanical	

ELECTRIC PUMP CHARACTERISTICS

Connection	Flanged - PN16 80mm
Suction	65mm Cast Iron Cast
Discharge	Iron Cast Iron Silicon
Pump Body	carbide/ceramic
Motor Bracket	20CR13 4,1m
Impeller	
Mechanical Seal	
Shaft	
NPS Hr	

OPERATING PARAMETERS

Service Flow Rate	84	m³/h
Service Head	49	m
H (Q=0) Hmax	51	m
Qmin (Qmin)	0	120 m³/h
Power consumption at duty point	15	kW
Pump Efficiency	75	%
Max Operating Pressure	10	Bar

AP P LICATI ONS

Water supply
Pressurisation & fire-fighting systems
Irrigation and drainage
Heating, air-conditioning
Drinking water
Service water

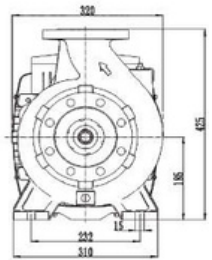
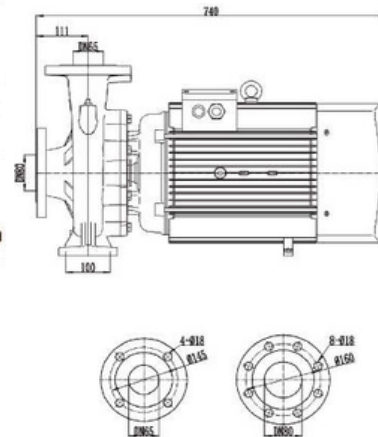
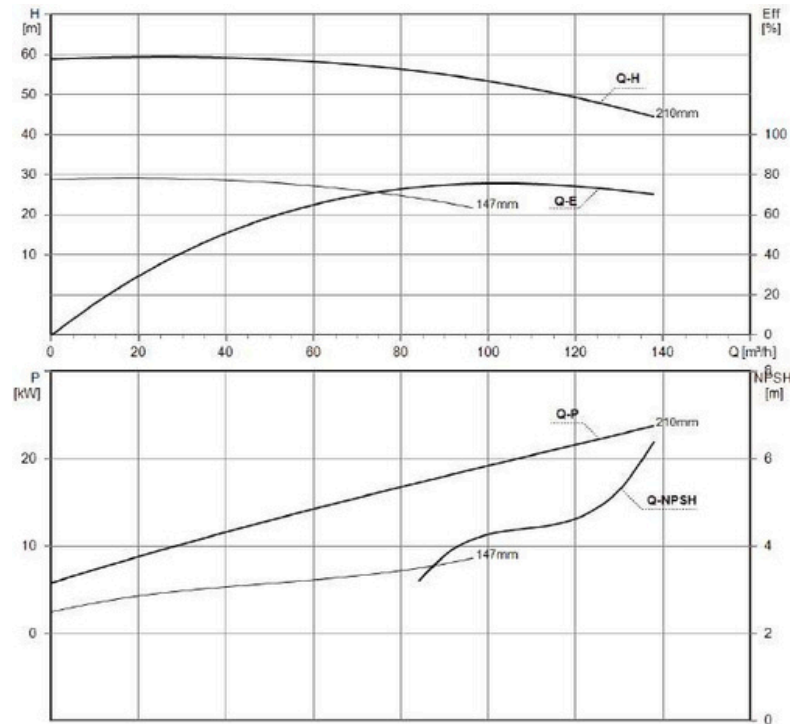
ELECTRIC MOTOR CHARACTERISTICS

Nominal Power	18,5	kW
Rated Frequency	50	Hz
Rated Voltage	380	V
Rated current	35.5/20.5	A
No. Poles	2	
Rotation speed	2900	rpm
Type of motor	3	Phase
Efficiency Class	IE3	
Insulation Class	F	
Protection Class	IP55	

PUMP TYPE Electric Horizontal Centrifugal Monobloc

MODEL

VMN 65-200/220



VMN 65-200/220

OPERATING LIMITS

Liquid Type	Thin, clean, clear, non-flamabel
Temperature of pumped liquid	- 10 to +120°C
Ambient Temperature	0 to 40°C

CONSTRUCTION CHARACTERISTICS

Delivery diameter	65mm	mm
Impeller Type	Closed	
Electric pump weight	183	kg
Pump Seal	Mechanical	

ELECTRIC PUMP CHARACTERISTICS

Connection	Flanged - PN16 80mm
Suction	65mm Cast Iron Cast
Discharge	Iron Cast Iron Silicon
Pump Body	carbide/ceramic
Motor Bracket	20CR13 4,3m
Impeller	
Mechanical Seal	
Shaft	
NPS Hr	

OPERATING PARAMETERS

Service Flow Rate	90	m³/h
Service Head	55	m
H (Q=0) Hmax	59	m
Qmin (Qmin)	0	138 m³/h
Power consumption at duty point	18	kW
Pump Efficiency	74,8	%
Max Operating Pressure	10	Bar

ELECTRIC MOTOR CHARACTERISTICS

Nominal Power	22	kW
Rated Frequency	50	Hz
Rated Voltage	380	V
Rated current	42.2/24.4	A
No. Poles	2	
Rotation speed	2900	rpm
Type of motor	3	Phase
Efficiency Class	IE3	
Insulation Class	F	
Protection Class	IP55	

AP P LICATI ONS
Water supply
Pressurisation & fire-fighting systems
Irrigation and drainage
Heating, air-conditioning
Drinking water
Service water