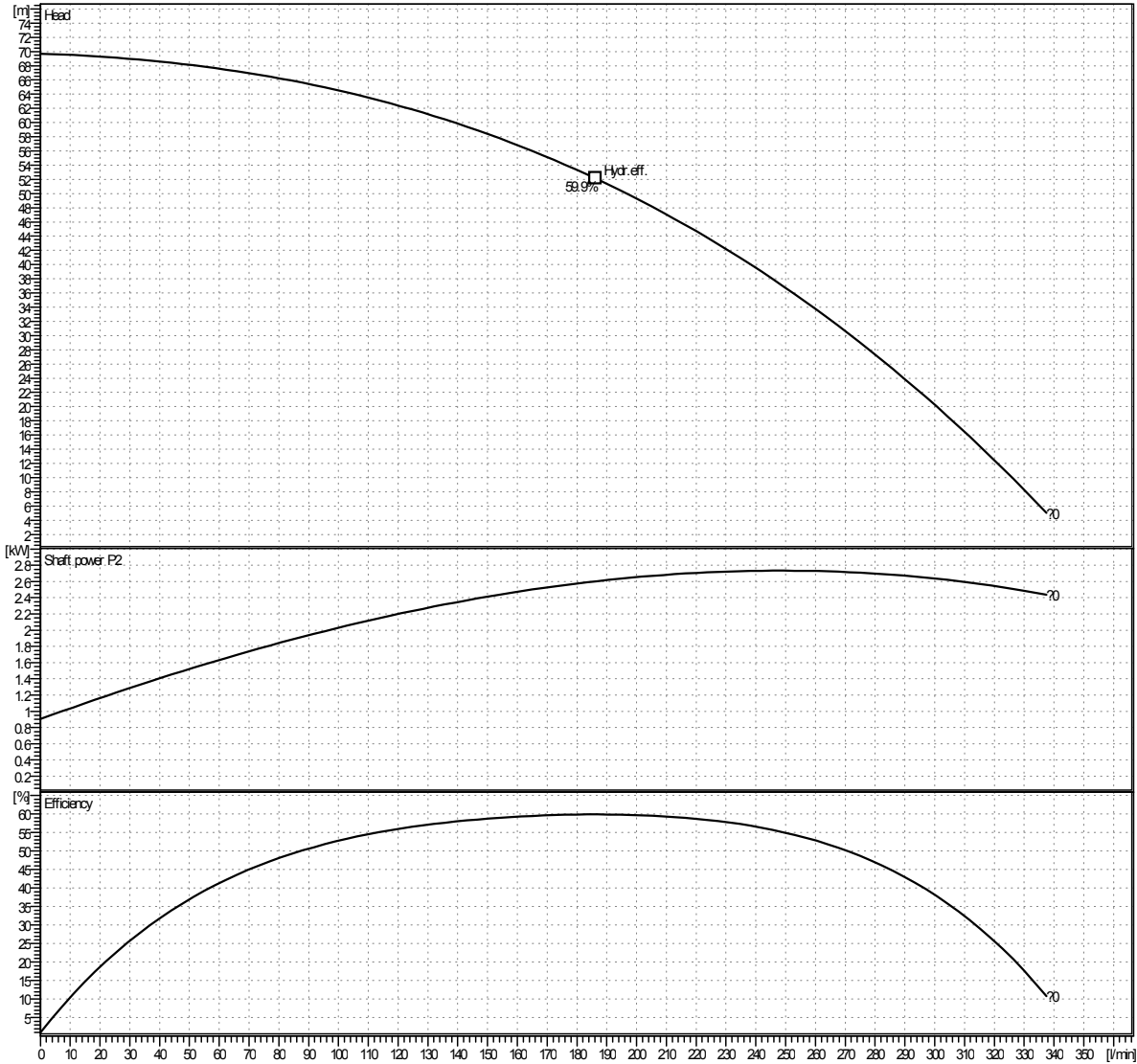


					Sheet No.						
					Customer						
					Item No.						
					Date	2017-03-03					
1	MODEL		MVI 804 / PN16 / R		Title						
2	Location				Agent						
3	Service				Plant Name						
4	Quantity		Set(s)		Installation		☒ Indoor ☐ Outdoor				
5	OPERATING CONDITION										
6	Liquid		Water		Flow		0 l/min				
7	Pumping Temp.		Ambient		Suc. Pressure						
8	S.G.		1		Dis. Pressure						
9	Vap. Pressure		0.03kg/cm2A at 24?		Diff. Pressure						
10	Viscosity		1 cP		Total Head		0 m				
11	PERFORMANCE AND CONSTRUCTION					MATERIAL					
12	Vertical		Efficiency		%		Part Name Symbol				
13	No. of Stages		4		Rated Power		Casing STS304				
14	Speed		3550 rpm		NPSHre		Impeller STS304				
15	Rotation		CW		(view from drive end)		Shaft STS304				
16	BORE		Size(Dia)		Rating		Face Position Tube STS304				
17	Suction		40 mm		PN 16		RF Side Diffuser STS304				
18	Discharge		40 mm		PN 16		RF Side Top Cover STS304				
19	Impeller Type		Closed		Vertical Multi-Stage		HYDROSTATIC				
20	Flow Direction		Radial		Casing			3 min			
21	Shaft Seal		M/Seal		Shaft Sleeve		No	Jacket		3 min	
22	Mounting		Foot		TESTING						
23	Lubrication		☒ Grease		Items		Witness				
24	Cooling		☒ No Cooling		Run Perform.		☒ Yes ☐ No	☐ Yes ☒ No			
25	Radial Bearing		-		Thrust Bearing		-		Hydrostatic(Air Press.)	☒ Yes ☐ No	☐ Yes ☒ No
26	MOTOR SPECIFICATION					SPARE PART					
27	Supplier		WILO		Phase / V / Hz		3~ 380V ~ 60 Hz		Set(s)		
28	Type		TEFC		Furnished by		☒ WILO ☐ Customer		Set(s)		
29	Power		3 kW		Mounted by		☒ WILO ☐ Customer		Set(s)		
30	No. of Pole		2 P		Enclosure		☒ IP 55 ☐		Set(s)		
31	Insulation		☒ F ☐						Set(s)		
32	ACCESSORY(☒Supplied : WILO)							Set(s)			
33	☐ Common Base							Set(s)			
34	☐ Foundation Bolts & Nuts							Set(s)			
35	☒ Coupling		Half (Rigid & Split Type)		☒ Coupling Guard			Set(s)			
36	☐ Pressure Guage							Set(s)			
37	☒ Plug for Drain & Air vent.							Set(s)			
38	☐ Seal Flushing							Set(s)			
39	M/Seal		Maker		Eagle-Burgmann		Model & Size		MG12	Set(s)	
40			Type		Unbalanced		Cooler		☐ Yes ☒ No	Set(s)	
41			API 610 Plan				WEIGHT				
42			Material Code		SiC/Carbon,EPDM		Pump		41.5 kg		
43	☐ Companion Flanges										
44	☐ Special Tool										
					Total wt.		41.5 kg				
*Pump test acceptance grade in accordance with ISO 9906:2012, Grade 2B.											

Estimated Performance Curve

Sheet No.	
Customer	
Item No.	
Date	2017-03-03

SPECIFICATION					
PUMP	CAPACITY	0 l/min	MOTOR	OUTPUT	3 kW
	TOTAL HEAD	0 m		VOLTAGE	380V
	SUCTION BORE	40 mm		FREQUENCY	60 Hz
	DISCHARGE BORE	40 mm		SPEED	3550 1/min
	LIQUID	WATER		TYPE	TEFC
	MAKER	WILO		SUPPLIER	WILO



A/B Efficiency	Capacity	Efficiency(%)
A Efficiency	186.43 l/min	59.9
B Efficiency		

* Pump test acceptance grade in accordance with ISO 9906:2012, Grade 2B.

* Subject to change without prior notice.

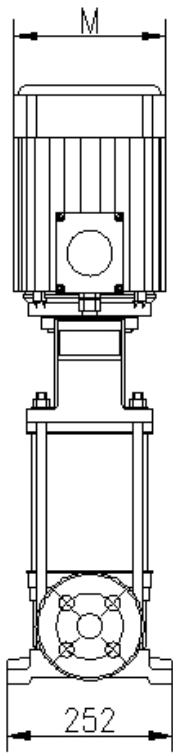
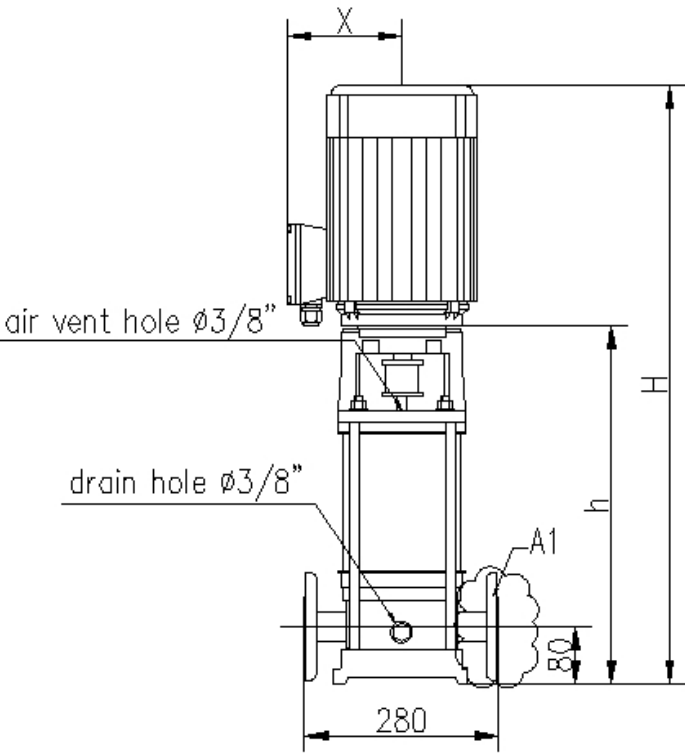
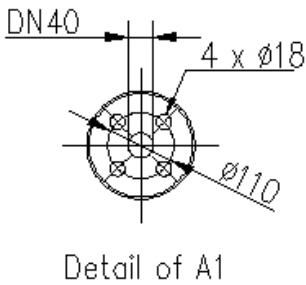
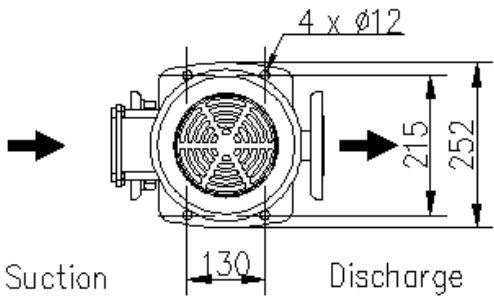
TYPE	Vertical Multi-Stage
MODEL	MVI 804 / PN16 / R
SERVICE	

Outline Drawing

Sheet No.	
Customer	
Item No.	
Date	2017-03-03

SPECIFICATION

PUMP	CAPACITY	0 l/min	MOTOR	OUTPUT	3 kW
	TOTAL HEAD	0 m		VOLTAGE	380V
	SUCTION BORE	40 mm		FREQUENCY	60 Hz
	DISCHARGE BORE	40 mm		SPEED	3550 1/min
	LIQUID	WATER		TYPE	TEFC
	MAKER	WILO		SUPPLIER	WILO

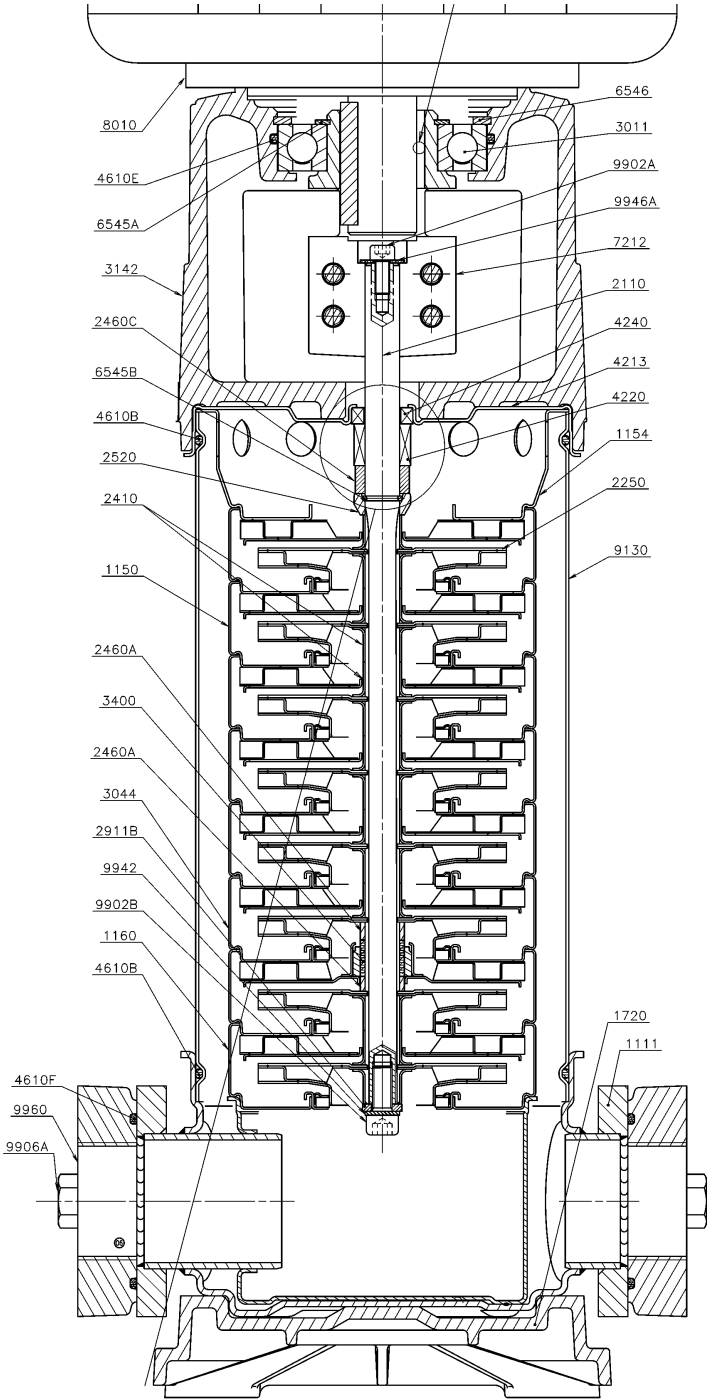


* Dimension of outline drawing subjects to change without prior notice.

h	414	H	741	M	195	X	147
TYPE		Vertical Multi-Stage					
MODEL		MVI 804 / PN16 / R					
SERVICE							

Sectional Drawing

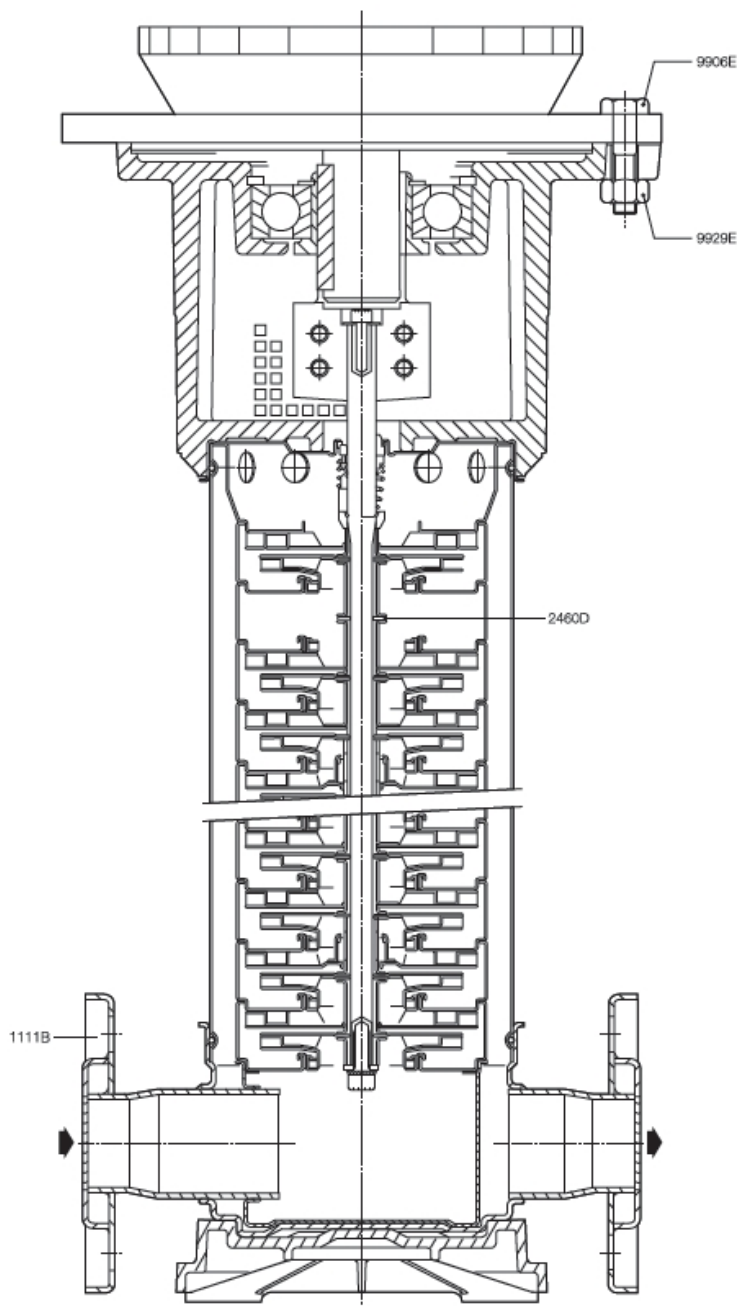
Sheet No.	
Customer	
Item No.	
Date	2017-03-03



TYPE	Vertical Multi-Stage
MODEL	MVI 804 / PN16 / R
SERVICE	

Sectional Drawing

Sheet No.	
Customer	
Item No.	
Date	2017-03-03



No	Description
1111	Pump Casing
1150	Stage casing with return channel
1154	Stage centering device
1160	Stage casing without return channel
1720	Pump fixing plate
2110	Pump shaft
2250	impeller
2410	impeller spacer
2460 A	Shaft sleeve adjustment spacer
2460 C	Mechanical seal keeper ring
2520	Back-up ring
2911B	Bottom shaft end washer
3011	Lantern ball bearing
3044	Stage casing with intermediate bearing
3142	Lantern
3400	Sleeve
4213	Stationary ring holder
4220	Rotating part - mechanical seal
4240	Stationary part - mechanical seal
4610 B	O-RING
4610 E	O-RING
4610 F	O-RING
6545 A	Circlip
6545 B	Half keeper
6546	Circlip
7212	Coupling
8010	Motor
9130	Tube
9902 A	Shaft end upper screw
9902 B	Shaft end lower screw
9906 A	Bolt
9942	Lock washer
9946 A	Washer
9960	Counter Flange

*PN 25Bar Round Type은 Counter Flange 공급 불가

TYPE	Vertical Multi-Stage
MODEL	MVI 804 / PN16 / R
SERVICE	