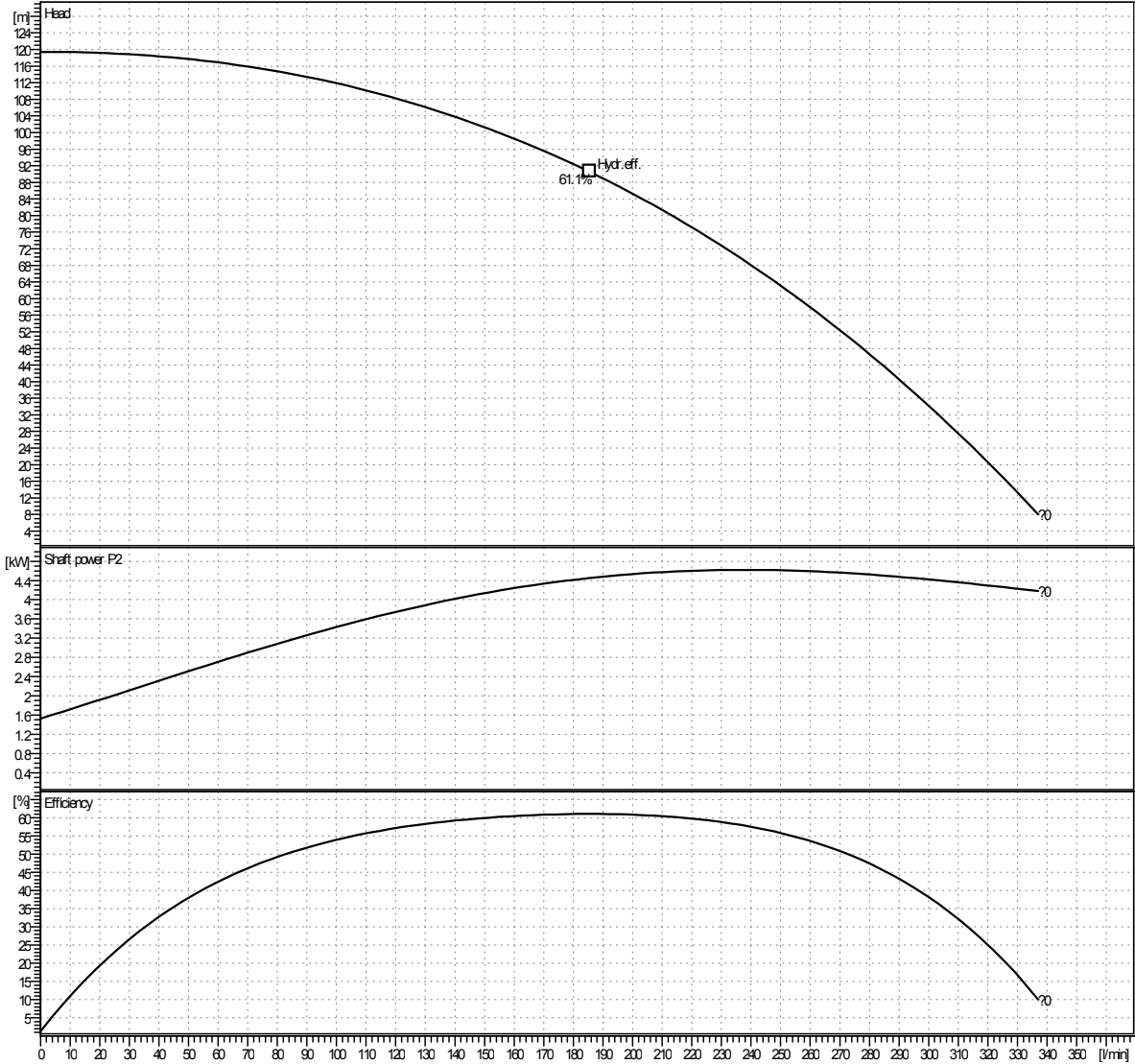


					Sheet No.			
wilo Pump Data Sheet					Customer			
					Item No.			
					Date	2017-03-03		
1	MODEL	MVI 807 / PN16 / R			Title			
2	Location				Agent			
3	Service				Plant Name			
4	Quantity	Set(s)			Installation	☒ Indoor	☐ Outdoor	
5	OPERATING CONDITION							
6	Liquid	Water			Flow	0 l/min		
7	Pumping 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	7		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	5.5 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)							
33	☐ Common Base							
34	☐ Foundation Bolts & Nuts							
35	☒ Coupling	Half (Rigid & Split Type)			☒ Coupling Guard			Set(s)
36	☐ Pressure Guage							
37	☒ Plug for Drain & Air vent.							
38	☐ Seal Flushing							
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	51.7 kg
43	☐ Companion Flanges							
44	☐ Special Tool							
							Total wt.	51.7 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	5.5 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	185.5 l/min	61.1
B Efficiency		

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

* Subject to change without prior notice.

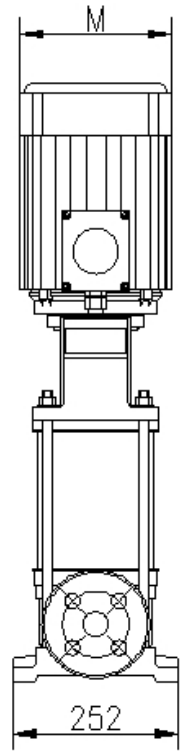
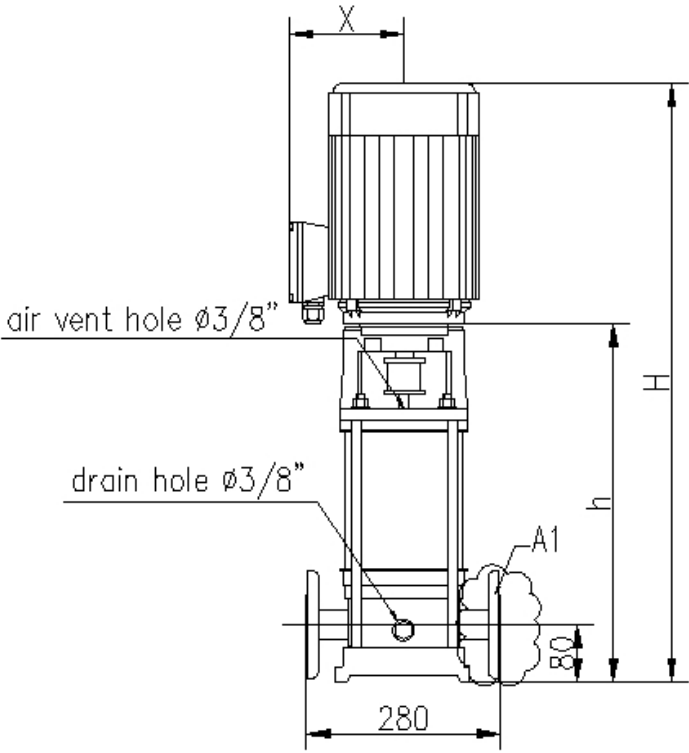
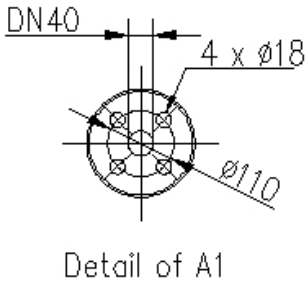
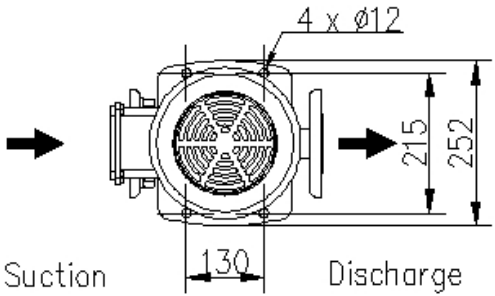
TYPE	Vertical Multi-Stage
MODEL	MVI 807 / PN16 / R
SERVICE	

Outline Drawing

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

SPECIFICATION

PUMP	CAPACITY	0 l/min	MOTOR	OUTPUT	5.5 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

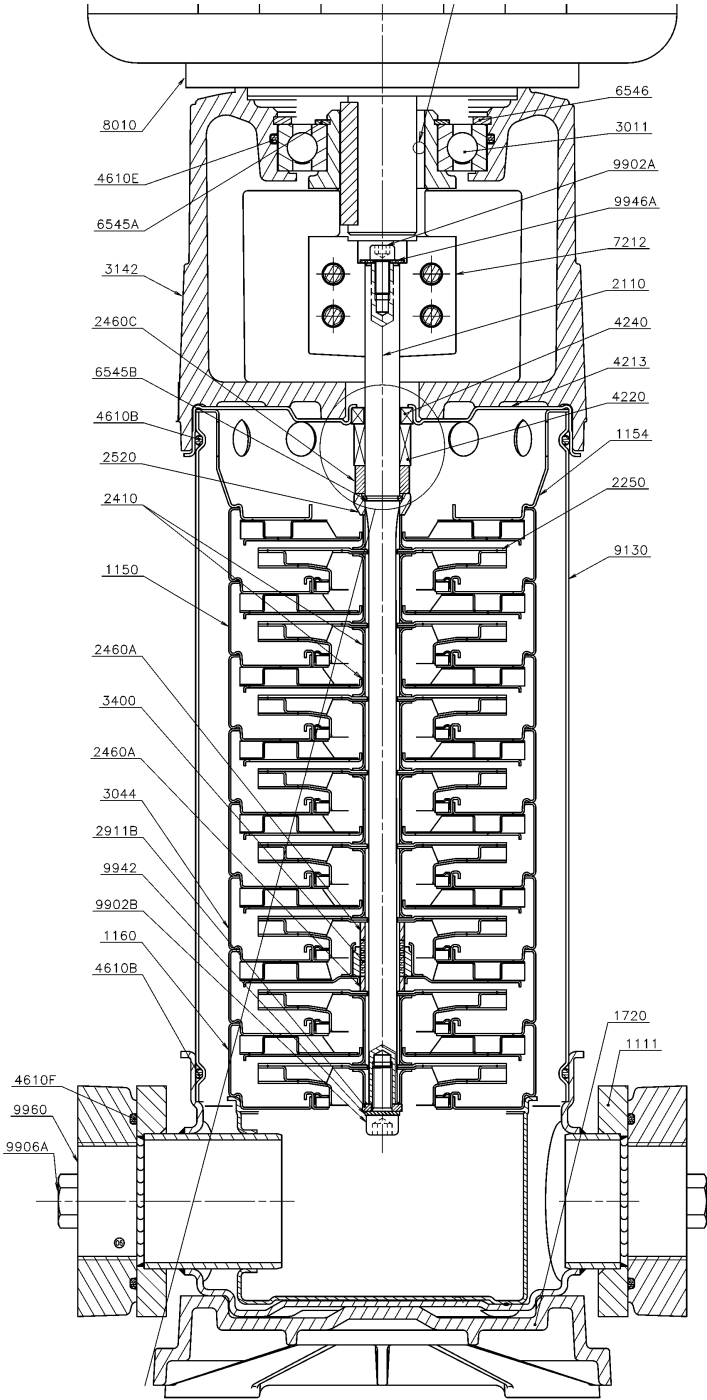


* Dimension of outline drawing subjects to change without prior notice.

h	504	H	896	M	253	X	194
TYPE		Vertical Multi-Stage					
MODEL		MVI 807 / PN16 / R					
SERVICE							

Sectional Drawing

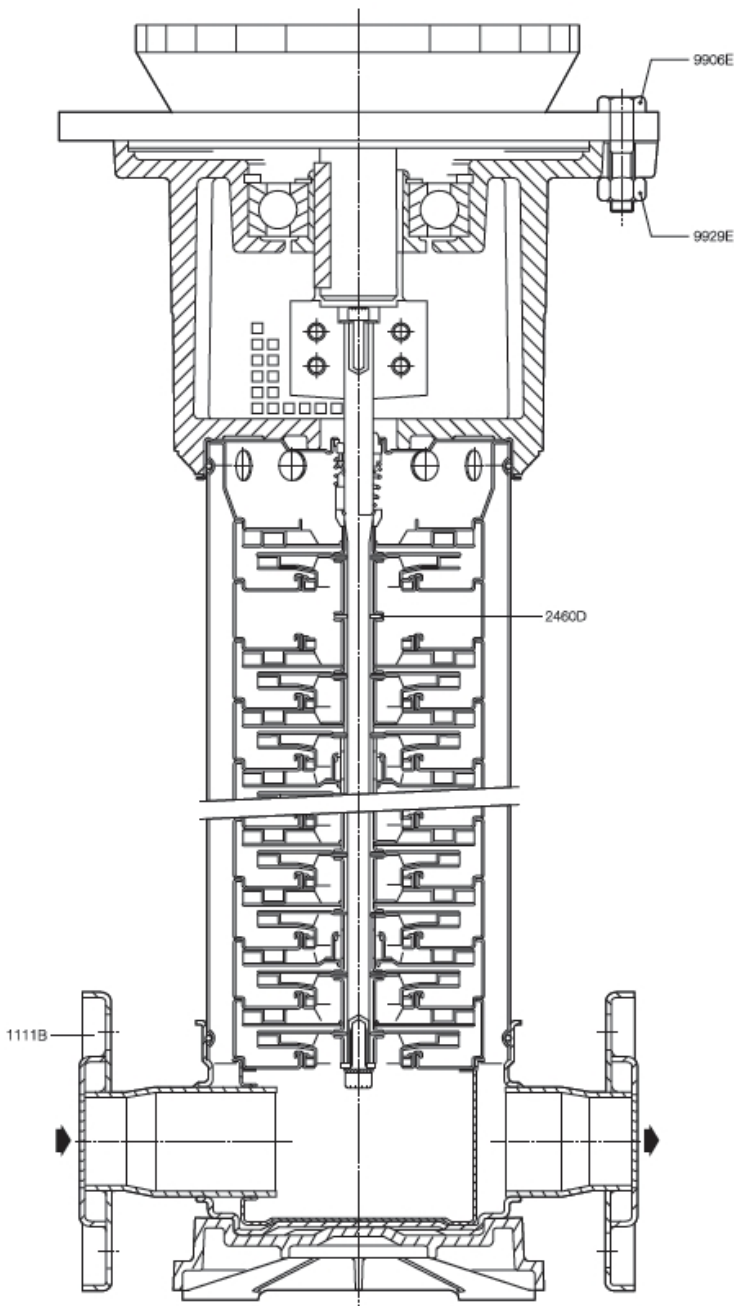
Sheet No.	
Customer	
Item No.	
Date	2017-03-03



TYPE	Vertical Multi-Stage
MODEL	MVI 807 / 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 807 / PN16 / R
SERVICE	