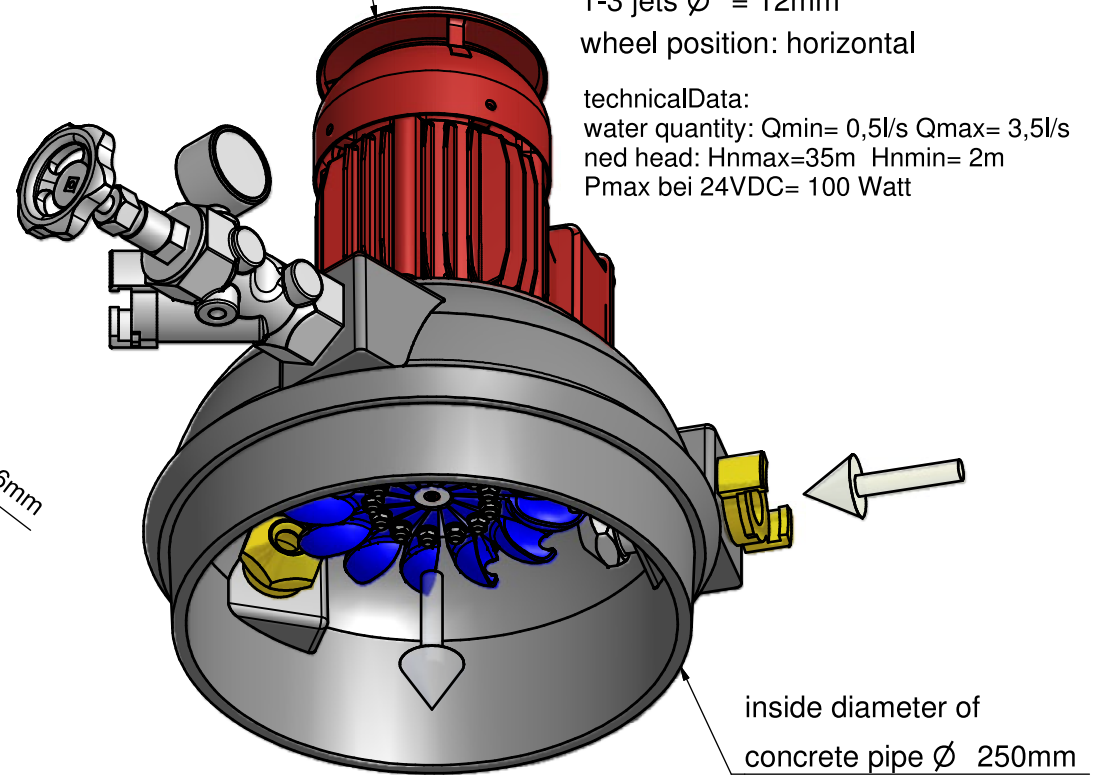


brushless permanent magnet generator (synchronous)
6 polig Pmax=100Watt

Pico. Micro Hydro Power Plant KT 100
pelton turbine, 1-3 jets
manual jet adjustment (option)

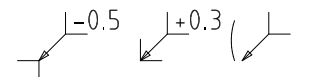
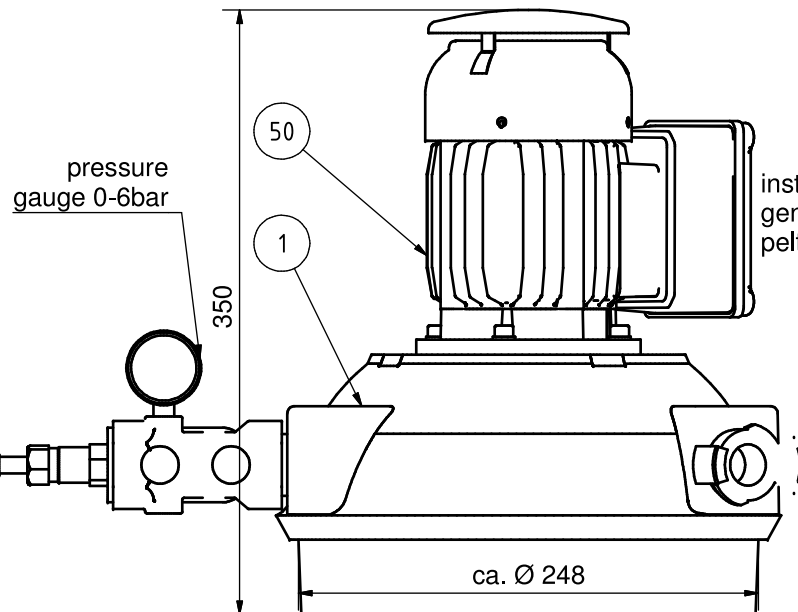
1-3 jets $\phi = 12\text{mm}$
wheel position: horizontal

technicalData:
water quantity: Qmin= 0,5l/s Qmax= 3,5l/s
ned head: Hnmax=35m Hnmin= 2m
Pmax bei 24VDC= 100 Watt



free space between turbine and bottom of concrete pipe: min. 300mm

Installation only by qualified experts!
CAUTION: Hazardous voltage!

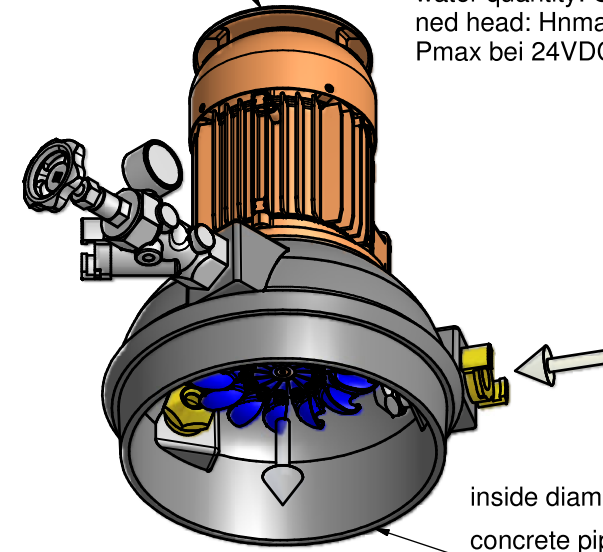


material	canon	KT100U1000 Pmax= 100Watt bei 24VDC	erected	29.03.2007	TS
example			certified		
			modified		
			alternative		
			alternative		
			beginning		
scaled drawing Norm 0188			Znr	A3	Index
C A D			protective note DIN 34 to consider	2K8-53-00-000	0

Pico. Micro Hydro Power Plant KT340
 pelton turbine, 1-3 jets
 manual jet adjustment (option)
 1-3x jets $\varnothing = 12\text{mm}$
 wheel position: horizontal

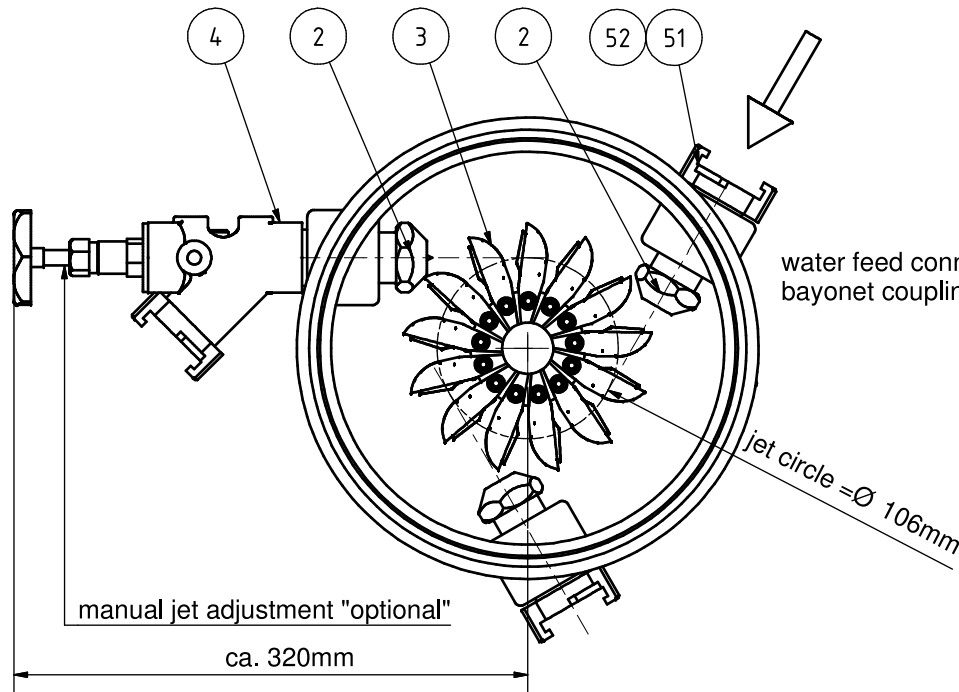
brushless permanent magnet
 generator (synchronous)
 4 polig Pmax=340Watt

technicalData:
 water quantity: Qmin= 0,5l/s Qmax= 3,5l/s
 ned head: Hnmax=35m Hnmin= 7m
 Pmax bei 24VDC= 340 Watt



free space between turbine and
 bottom of concrete pipe: min. 300mm

Installation only by qualified experts!
 CAUTION: Hazardous voltage!



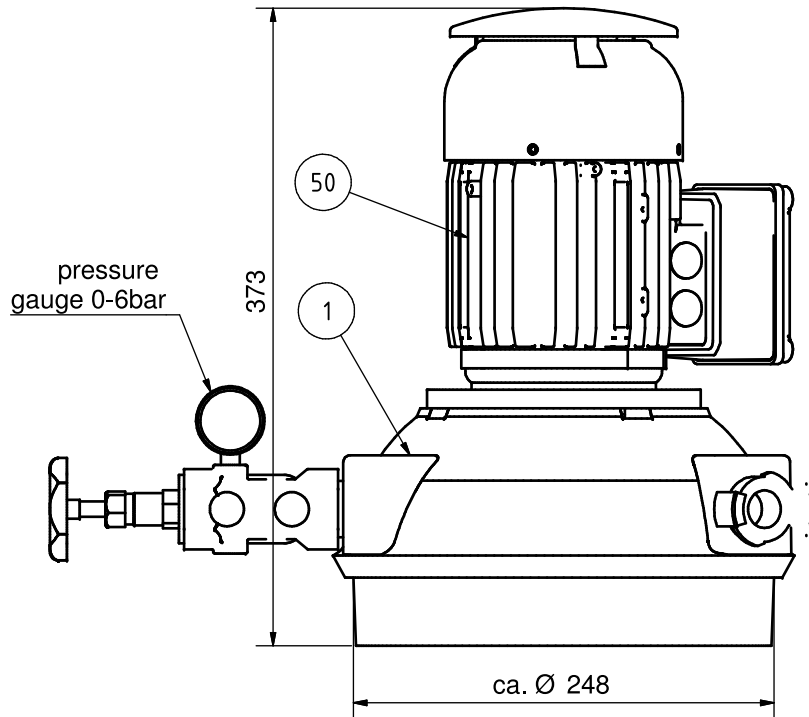
manual jet adjustment "optional"

ca. 320mm

water feed connected by
 bayonet couplings (1-3x)

jet circle = $\varnothing 106\text{mm}$

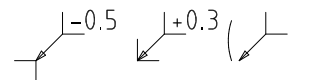
installation position:
 generator position vertical
 pelton wheel position horizontal



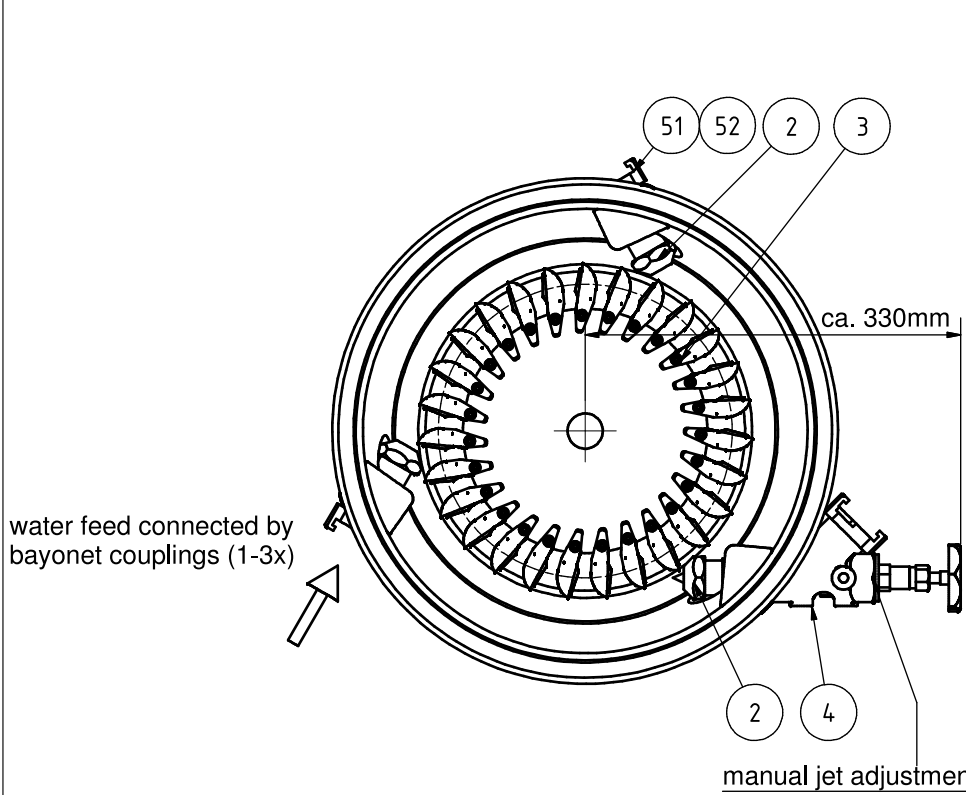
pressure
 gauge 0-6bar

373

ca. $\varnothing 248$



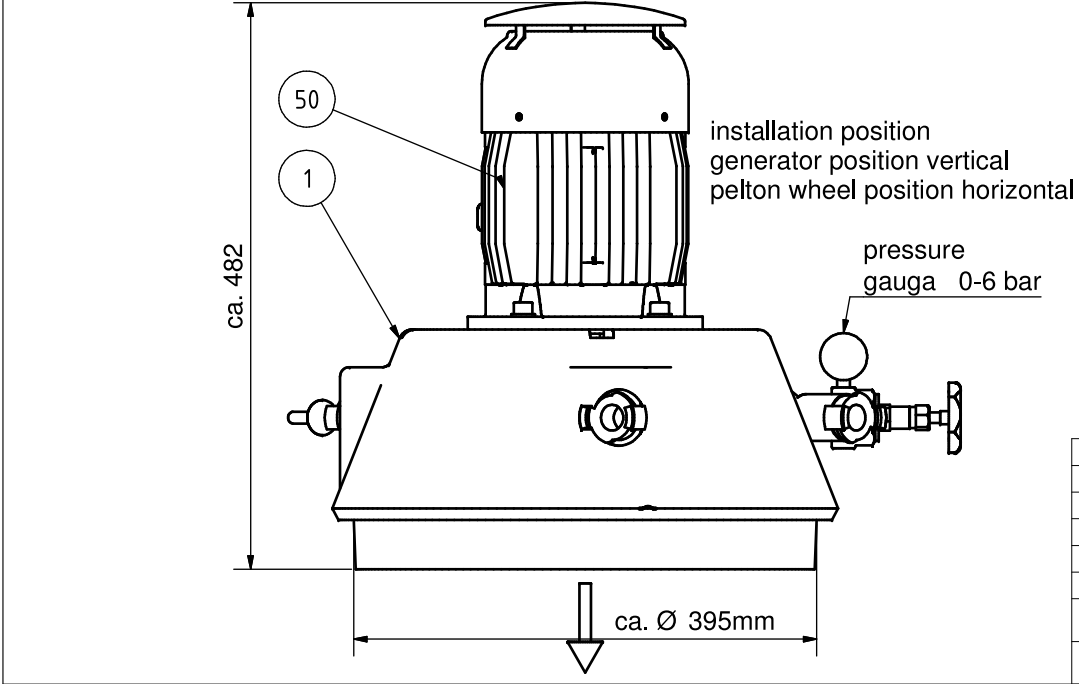
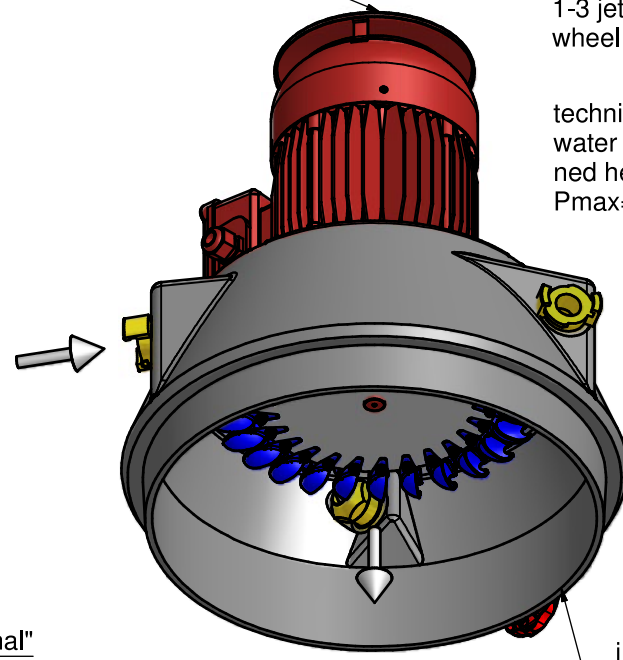
material		canon 1:X	KT340U1500 Pmax= 340Watt at 24VDC	erected	12.08.2008	MN
example				certified		
				modified		
				alternative		
				alternative		
				beginning		
scaled drawing NORM 0188				Znr		A3 Index
C A D				protective note DIN 34 to consider	2K8-51-00-000	



brushless permanent magnet generator (synchronous)
6 polig Pmax=1100Watt

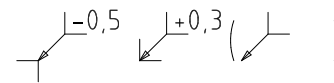
Pico. Micro Hydro Power Plant KT1000
pelton turbine 1-3 jets
manual jet adjustment
1-3 jets Ø = 12mm
wheel position: horizontal

technical Data:
water quantity: Qmin=0,5l/s Qmax=6 l/s
head: Hmin=12m Hmax=70m
Pmax=1100 Watt bei 24VDC



free space between turbine and bottom of concrete pipe: min. 400mm
tailwater has to be experts!

Installation only by qualified experts!
CAUTION: Hazardous voltage!



material	example	weight	10,30 kg	erected	12.08.2008	MN
				certified		
				modified		
				alternative		
				alternative		
				beginning		
scaled drawing	Norm 0188			Znr	2K8-50-00-000	Index
C A D						

KT1000U1000
Pmax= 1100Watt at 24VDC

LINGENHÖLE
TECHNOLOGIE

protective note DIN 34 to consider