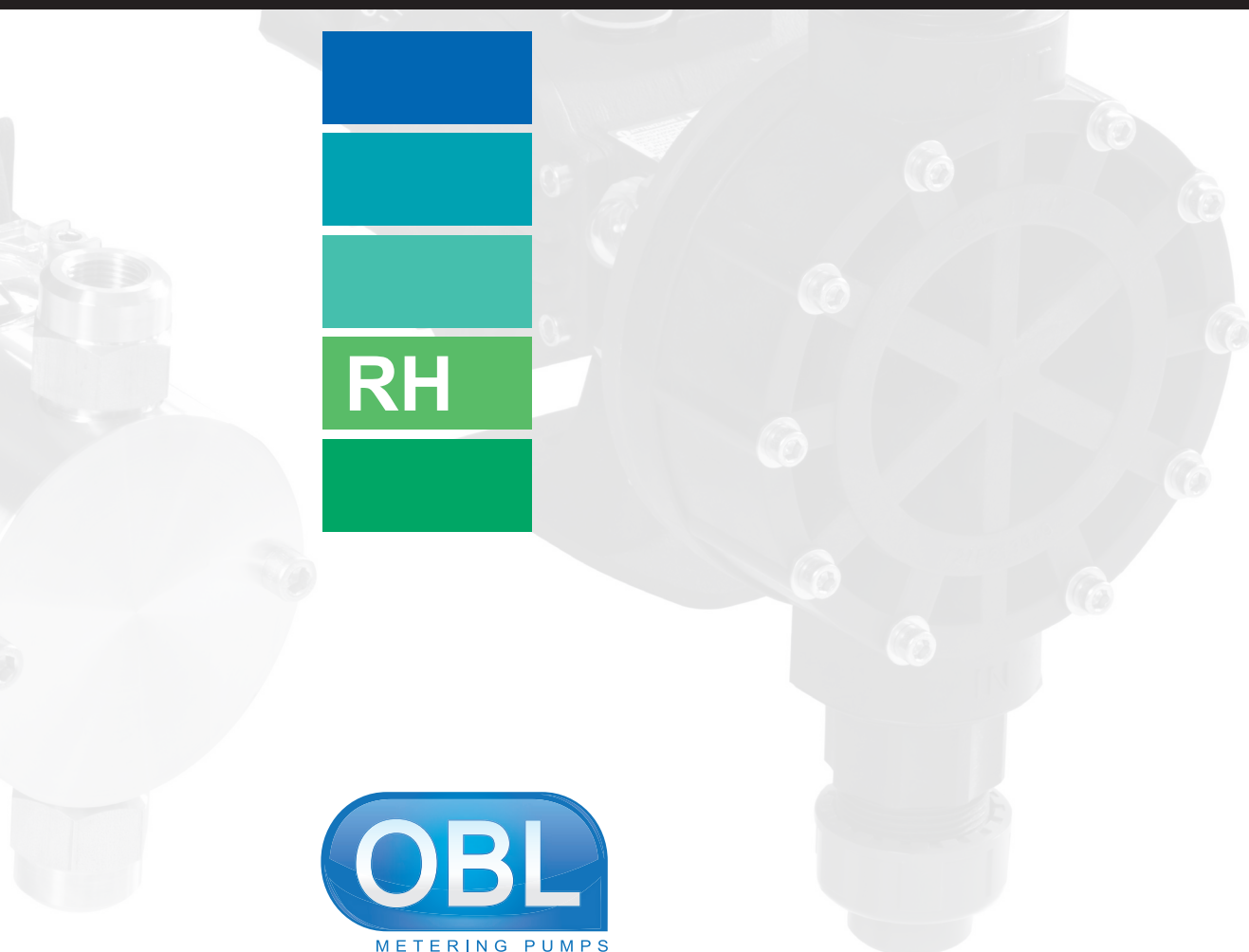




WATER DIVISION



Painted cast iron casing:
Improved corrosion
resistance against
aggressive fumes.
**Extends pump life and
lowers life-cycle cost.**

Motor UNEL-MEC:

Motor UNEL-MEC standard 3 phase,
50/60Hz. Single phase and ATEX
options available.

**Permits standardization and quick
std motor availability on site.**

Transparent covers
and protection comply
to EC Directive

**Spring return mechanism
with oversized bearing.**
**Extends pump life and lowers
life-cycle cost.**

UP TO 620 l/h

ATEX

**ALL models comply to ATEX (2014/34/CE)
Group II, Category 2 (zone 1/21) and Group II,
Category 3 (zone 2/22).**

Painted cast iron yoke:

Increased resistance in case of liquid
spillage to reduce maintenance cost.
**Extends pump life and lowers
life-cycle cost.**

► **Technical data**

TYPE	50 Hz		60 Hz		MAX PRESS. bar			CONNECTIONS		
	STROKES / 1	MAX FLOW RATE l/h	STROKES / 1	MAX FLOW RATE l/h				THR. BSP f	FLANGED	
					A	A-TL	P		UNI	ANSI
RH 20	63	28	50	22	10	40	/	3/8"	DN 15	1/2"
	86	38	75	33						
	104	47	98	44						
RH 25	63	44	50	34	10	40	10	1/2"	DN 20	3/4"
	86	60	75	52						
	104	75	98	70						
RH 30	63	64	50	50	10	32	10	1/2"	DN 25	1"
	86	86	75	75						
	104	110	98	103						
RH 40	63	110	50	85	10	17	10	1/2"	DN 20	3/4"
	86	150	75	130						
	104	200	98	185						
RH 50	63	176	50	135	10	8	10	1/2"	DN 25	1"
	86	240	75	205						
	104	300	98	280						
RH 65	63	300	50	235	6	5	6	1/2"	DN 20	3/4"
	86	410	75	355						
	104	500	98	470						
RH 80	63	420	50	330	4	3,5	/	1/2"	DN 25	1"
	86	620	75	540						

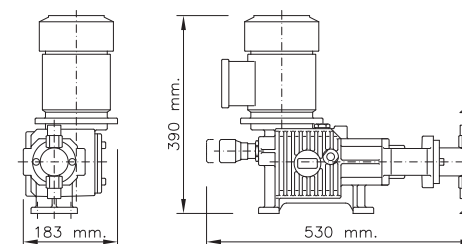
● 0,55kW

► **Material of construction**

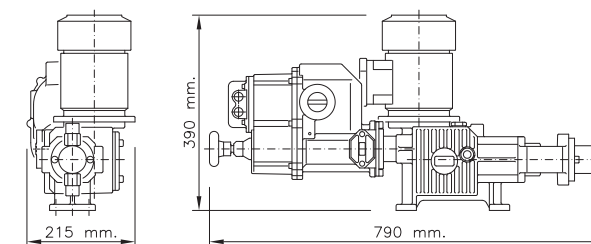
COMPONENTS	A	A-TL	AC	ACV	P
PUMP HEAD	AISI-316L	AISI-316L	AISI-316L	AISI-316L	PVC
PLUNGER	AISI-316L	AISI-316L	CERAMIC	CERAMIC	CERAMIC
PLUNGER PACKING	PTFE	PTFE	PTFE	VULKOLLAN	PTFE
VALVE GUIDE	AISI-316L	AISI-316L	AISI-316L	AISI-316L	PVC
VALVE SEAT	AISI-316L	AISI-316L	AISI-316L	AISI-316L	PVC
VALVE (BALL)	AISI-316L	AISI-316L	AISI-316L	AISI-316L	PYREX
VALVE SEAL	FPM	FPM	FPM	FPM	FPM

► **Overall dimensions**

SINGLE PUMP - Manual Adjustment



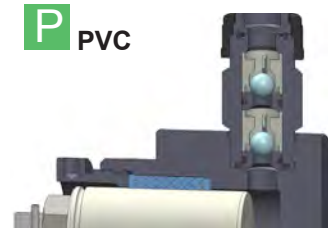
SINGLE PUMP - Electric Actuator Adjustment



► **Sectional view**

THREADED CONNECTIONS

P PVC

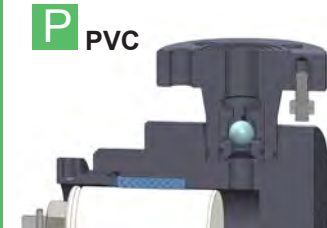


A AISI-316L



FLANGED CONNECTIONS

P PVC



A AISI-316L



► Safe area

On all pumps M, ME, R, XRN it is possible to automate the control system by installing the OBL's electric actuator Z type (ZC or ZP).

ELECTRIC ACTUATOR CHARACTERISTICS

- IP 66 standard
- 115/230V – 1 – 50/60 Hz
- 4-20 mA feedback signal
- Manual emergency override
- Anticondensation heater (on demand)
- External automatic/manual selector (on demand)
- Flow-rate limiter (Q.max trimmer) allows to reduce the pump maximum flow-rate (corresponding to 20 mA command signal) up to 50% of the nameplate rated capacity.

The flowrate is adjusted according to following input signals:

- 4-20 mA, 0-20 mA, 20-4 mA and 0-10 V
- Pulses (0÷2 Hz - 0÷30 Hz)
- RS 485 communication protocol
- Profibus DP-V0



OBL DESIGN

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