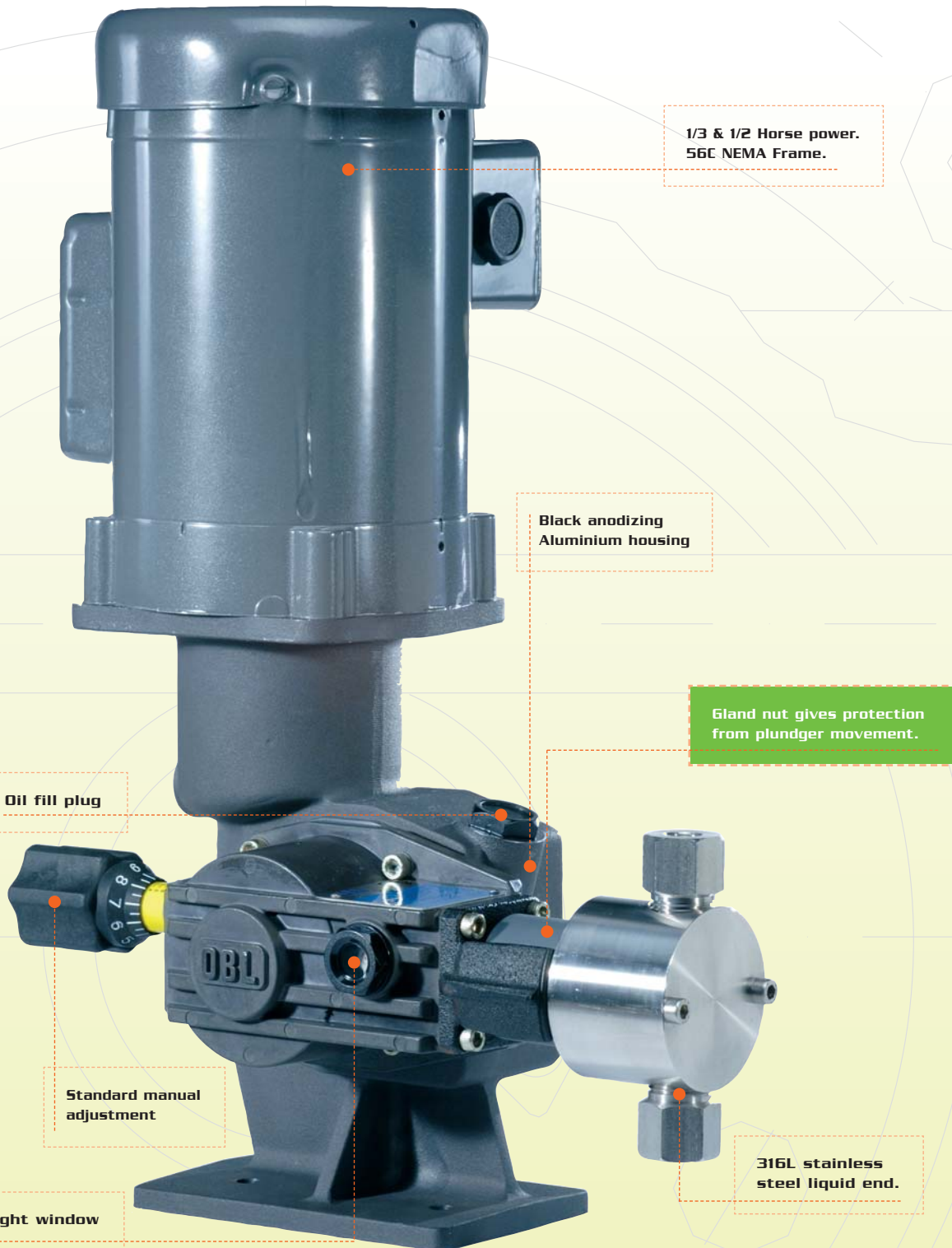


## MECHANICAL DIAPHRAGM METERING PUMPS

The **URB** series spring return plunger metering pump: rugged construction and compact design.

PTFE Chevron plunger packing rings with adjustable gland nut, 79.3 gal per hour. Maximum pressure up to 1500 psi.



1/3 & 1/2 Horse power.  
56C NEMA Frame.

Black anodizing  
Aluminium housing

Gland nut gives protection  
from plunger movement.

Oil fill plug

Standard manual  
adjustment

Oil sight window

316L stainless  
steel liquid end.

## ↓ TECHNICAL DATA

Model	SPM	GPH	PSI				Connections						Maximum Suction Lift in Feet W.C.	Weight without motor	Motor HP Required	Liquids End Available Per Pump
			A (SS)	ATL (SS)	P (PVC)	TS (SS)	Threaded			Flanged						
							A-ATL (SS)	TS (SS)	PVC	A-ATL (SS)	TS (SS)	PVC				
<b>60 Hz</b>																
URB10	30	.42	150	600	150	-	1/4: NPT	-	1/4: NPT	-	-	1/2", 150#	Info	Info	1/3	Info
URB10	43	.66	150	600	150	1500	1/4: NPT	3/8: NPT	1/4: NPT	1/2", 150#	1/2", 600#	1/2", 150#			1/3	
URB10	60	.89	150	600	150	1500	1/4: NPT	3/8: NPT	1/4: NPT	1/2", 150#	1/2", 600#	1/2", 150#			1/3	
URB10	84	1.2	150	600	150	1500	1/4: NPT	3/8: NPT	1/4: NPT	1/2", 150#	1/2", 600#	1/2", 150#			1/3	
URB10	118	1.8	150	600	150	1500	1/4: NPT	3/8: NPT	1/4: NPT	1/2", 150#	1/2", 600#	1/2", 150#			1/3	
URB16	43	1.5	150	600	150	1500	1/4: NPT	3/8: NPT	1/4: NPT	1/2", 150#	1/2", 600#	1/2", 150#			1/3	
URB16	60	2.5	150	600	150	1500	1/4: NPT	3/8: NPT	1/4: NPT	1/2", 150#	1/2", 600#	1/2", 150#			1/3	
URB16	84	3.4	150	600	150	1250	1/4: NPT	3/8: NPT	1/4: NPT	1/2", 150#	1/2", 600#	1/2", 150#			1/3	
URB16	118	4.7	150	600	150	880	1/4: NPT	3/8: NPT	1/4: NPT	1/2", 150#	1/2", 600#	1/2", 150#			1/3	
URB25	43	4.2	150	450	150	-	1/4: NPT	-	1/4: NPT	-	-	1/2", 150#			1/3	
URB25	60	6.3	150	450	150	-	1/4: NPT	-	1/4: NPT	-	-	1/2", 150#			1/3	
URB25	84	8.7	150	395	150	-	1/4: NPT	-	1/4: NPT	-	-	1/2", 150#			1/3	
URB25	118	11.8	150	300	150	-	1/4: NPT	-	1/4: NPT	-	-	1/2", 150#			1/3	
URB30	43	6.3	150	450	150	-	NPT	-	1/4: NPT	-	-	1/2", 150#			1/3	
URB30	60	9.0	150	450	150	-	1/4: NPT	-	1/4: NPT	-	-	1/2", 150#			1/3	
URB30	84	12.6	150	400	150	-	1/4: NPT	-	1/4: NPT	-	-	1/2", 150#			1/3	
URB30	118	17.1	150	300	150	-	1/4: NPT	-	1/4: NPT	-	-	1/2", 150#			1/3	
URB43	43	13.2	150	180	150	-	1/2: NPT	-	1/4: NPT	-	-	1/2", 150#			1/3	
URB43	60	20.6	150	180	150	-	1/2: NPT	-	1/4: NPT	-	-	1/2", 150#			1/3	
URB43	84	26.3	150	180	150	-	1/2: NPT	-	1/4: NPT	-	-	1/2", 150#			1/3	
URB43	118	39.6	150	-	150	-	1/2: NPT	-	1/4: NPT	-	-	1/2", 150#			1/3	
URB50	43	18.5	150	-	150	-	1/2: NPT	-	1/4: NPT	-	-	1/2", 150#			1/3	
URB50	60	26.9	150	-	150	-	1/2: NPT	-	1/4: NPT	-	-	1/2", 150#			1/3	
URB50	84	37.0	130	-	130	-	1/2: NPT	-	1/4: NPT	-	-	1/2", 150#			1/3	
URB50	118	52.8	100	-	100	-	1/2: NPT	-	1/4: NPT	-	-	1/2", 150#			1/3	
URB62	43	27.7	100	-	100	-	3/4: NPT	-	1/4: NPT	-	-	-			1/3	
URB62	60	40.1	90	-	90	-	3/4: NPT	-	1/4: NPT	-	-	-			1/3	
URB62	84	54.1	75	-	75	-	3/4: NPT	-	1/4: NPT	-	-	-			1/3	
URB62	118	79.2	60	-	60	-	3/4: NPT	-	1/4: NPT	-	-	-			1/3	

### CONSTRUCTION CHARACTERISTICS

- Gears are enclosed in an oil-bath lubricated anodized aluminium housing, PTFE coated cast iron lantern ring.
- Easy control knob flowrate adjustment, either with pump running or at rest.

### PUMP HEADS

- Supplied with single ball and double check valves.
- Chevron reinforced PTFE plunger packing, adjustable by tightening the packing gland.
- NPT suction and discharge connections standard. Flanged upon request.
- Max. temperature of metered liquid:
  - with stainless steel heads: 194°F.
  - with stainless steel heads and ceramic piston: 194°F.
  - with PVC heads: 104°F - with PVDF heads: 158°F.

- Flow rates:**
  - Max Flow 79 GPH
- Pressure:**
  - Max Pressure 1500 PSI
- Motors:**
  - 1/3 HP, 1750 RPM, 56C NEMA Frame
- Adjustment:**
  - Manual, Via 0-10 Scale Micrometer Stroke Length Knob
- Materials of Construction:**
  - Anodized Aluminium Housing
  - PFE coated cast iron lantern ring
- Plunger Length:**
  - 15mm.



### ↓ PUMP HEADS MATERIALS OF CONSTRUCTION

PARTS	A	P	P11	ATL	AC	AC TL	TS
LIQUID END	316L SS	PVC	PVC	316L SS	316L SS	316L SS	316L SS
PLUNGER	316L SS	CERAMIC	CERAMIC	316L SS	CERAMIC	CERAMIC	SAF 2005 SANDVIK
PLUNGERPACKING	PTFE	PTFE	PTFE	PTFE	PTFE	PTFE	PRFE + KEVLAR
VALVE SEAT	316L SS	CERAMIC / PVC	316L SS	316L SS	316L SS	316L SS	316L SS
VALVE BALL	316L SS	CERAMIC / PYREX	316L SS	316L SS	316L SS	316L SS	316L SS
VALVE SEAL	FPM	FPM	FPM	FPM	FPM	FPM	FPM