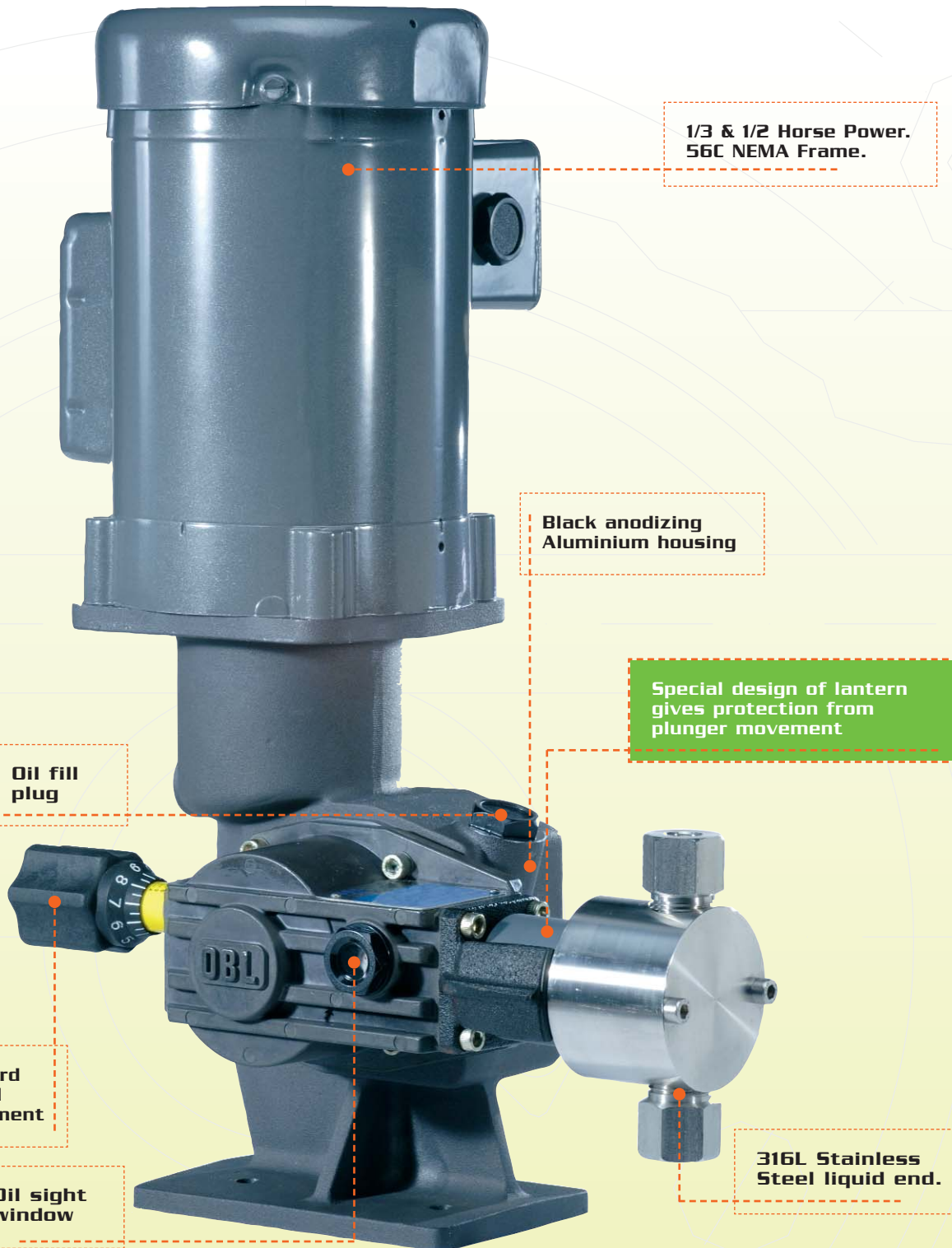


↓ PLUNGER METERING PUMPS

The **URB** series mechanically actuated plunger metering pump—rugged construction and compact design.

PTFE Chevron plunger packing rings with adjustable gland nut, 79.2 gal per hour maximum flow rate. Pressures up to 1500 psi.



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

Black anodizing
Aluminium housing

Special design of lantern
gives protection from
plunger movement

Oil fill
plug

Standard
manual
adjustment

Oil sight
window

316L Stainless
Steel liquid end.

↓ TECHNICAL DATA

Model	SPM	GPH	[L/h]	TS		PSI (BAR)				Connections						Motor HP	Motor HP TS
						A	ATL	P	TS	Threaded			Flanged				
				GPH	[L/h]					A/ATL SS	TS SS	PVC	A/ATL SS	TS SS	PVC		
60 Hz																	
URB10	43	.66	(2.5)	.66	(2.5)	150 (10)	600 (40)	150 (10)	1500 (103)	1/4" NPT	3/8" NPT	1/4" NPT	1/2" 150#	1/2" 600#	1/2" 150#	1/3	1/2
URB10	60	.90	(3.4)	.90	(3.4)	150 (10)	600 (40)	150 (10)	1500 (103)	1/4" NPT	3/8" NPT	1/4" NPT	1/2" 150#	1/2" 600#	1/2" 150#	1/3	1/2
URB10	84	1.27	(4.8)	1.27	(4.8)	150 (10)	600 (40)	150 (10)	1500 (103)	1/4" NPT	3/8" NPT	1/4" NPT	1/2" 150#	1/2" 600#	1/2" 150#	1/3	1/2
URB10	118	1.78	(6.7)	1.78	(6.7)	150 (10)	600 (40)	150 (10)	1500 (103)	1/4" NPT	3/8" NPT	1/4" NPT	1/2" 150#	1/2" 600#	1/2" 150#	1/3	1/2
URB16	43	1.5	(6)	1.5	(6)	150 (10)	600 (40)	150 (10)	1500 (103)	1/4" NPT	3/8" NPT	1/4" NPT	1/2" 150#	1/2" 600#	1/2" 150#	1/3	1/2
URB16	60	2.3	(8.7)	2.3	(8.7)	150 (10)	600 (40)	150 (10)	1500 (103)	1/4" NPT	3/8" NPT	1/4" NPT	1/2" 150#	1/2" 600#	1/2" 150#	1/3	1/2
URB16	84	3.4	(13)	3.4	(13)	150 (10)	600 (40)	150 (10)	1250 (86)	1/4" NPT	3/8" NPT	1/4" NPT	1/2" 150#	1/2" 600#	1/2" 150#	1/3	1/2
URB16	118	4.7	(17.8)	4.7	(17.8)	150 (10)	600 (40)	150 (10)	880 (60)	1/4" NPT	3/8" NPT	1/4" NPT	1/2" 150#	1/2" 600#	1/2" 150#	1/3	1/2
URB25	43	4.2	(15.8)	-	-	150 (10)	450 (30)	150 (10)	-	1/4" NPT	-	1/4" NPT	1/2" 150#	-	1/2" 150#	1/3	-
URB25	60	6.3	(23.8)	-	-	150 (10)	450 (30)	150 (10)	-	1/4" NPT	-	1/4" NPT	1/2" 150#	-	1/2" 150#	1/3	-
URB25	84	8.7	(33)	-	-	150 (10)	395 (27)	150 (10)	-	1/4" NPT	-	1/4" NPT	1/2" 150#	-	1/2" 150#	1/3	-
URB25	118	11.8	(44.7)	-	-	150 (10)	300 (20)	150 (10)	-	1/4" NPT	-	1/4" NPT	1/2" 150#	-	1/2" 150#	1/3	-
URB30	43	6.3	(23.8)	-	-	150 (10)	450 (30)	150 (10)	-	1/4" NPT	-	1/4" NPT	1/2" 150#	-	1/2" 150#	1/3	-
URB30	60	9.0	(34)	-	-	150 (10)	450 (30)	150 (10)	-	1/4" NPT	-	1/4" NPT	1/2" 150#	-	1/2" 150#	1/3	-
URB30	84	12.6	(47.6)	-	-	150 (10)	400 (27)	150 (10)	-	1/4" NPT	-	1/4" NPT	1/2" 150#	-	1/2" 150#	1/3	-
URB30	118	17.1	(64.6)	-	-	150 (10)	300 (20)	150 (10)	-	1/4" NPT	-	1/4" NPT	1/2" 150#	-	1/2" 150#	1/3	-
URB43	43	13.2	(50)	-	-	150 (10)	180 (12)	150 (10)	-	1/2" NPT	-	1/2" NPT	1/2" 150#	-	1/2" 150#	1/3	-
URB43	60	20.6	(78)	-	-	150 (10)	180 (12)	150 (10)	-	1/2" NPT	-	1/2" NPT	1/2" 150#	-	1/2" 150#	1/3	-
URB43	84	26.4	(100)	-	-	150 (10)	180 (12)	150 (10)	-	1/2" NPT	-	1/2" NPT	1/2" 150#	-	1/2" 150#	1/3	-
URB43	118	39.6	(150)	-	-	150 (10)	-	150 (10)	-	1/2" NPT	-	1/2" NPT	1/2" 150#	-	1/2" 150#	1/3	-
URB50	43	18.5	(70)	-	-	150 (10)	-	150 (10)	-	1/2" NPT	-	1/2" NPT	1/2" 150#	-	1/2" 150#	1/2	-
URB50	60	26.9	(102)	-	-	150 (10)	-	150 (10)	-	1/2" NPT	-	1/2" NPT	1/2" 150#	-	1/2" 150#	1/2	-
URB50	84	37.0	(140)	-	-	130 (9)	-	130 (9)	-	1/2" NPT	-	1/2" NPT	1/2" 150#	-	1/2" 150#	1/2	-
URB50	118	52.8	(200)	-	-	100 (7)	-	100 (7)	-	1/2" NPT	-	1/2" NPT	1/2" 150#	-	1/2" 150#	1/2	-
URB62	43	27.7	(105)	-	-	100 (7)	-	100 (7)	-	3/4" NPT	-	3/4" NPT	3/4" 150#	-	1/2" 150#	1/2	-
URB62	60	40.1	(152)	-	-	90 (6)	-	90 (6)	-	3/4" NPT	-	3/4" NPT	3/4" 150#	-	1/2" 150#	1/2	-
URB62	84	54.1	(205)	-	-	75 (5)	-	75 (5)	-	3/4" NPT	-	3/4" NPT	3/4" 150#	-	1/2" 150#	1/2	-
URB62	118	79.2	(300)	-	-	60 (4)	-	60 (4)	-	3/4" NPT	-	3/4" NPT	3/4" 150#	-	1/2" 150#	1/2	-

CONSTRUCTION CHARACTERISTICS

- Gears are enclosed in an oil-bath lubricated anodized aluminium housing.
- Anodized aluminum lantern.
- Easy control knob flow rate adjustment, either with pump running or at rest.

PUMP HEADS

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

- Flow rates:**
 - Max Flow 79 GPH
- Pressure:**
 - Max Pressure 1500 PSI
- Motors:**
 - 1/3 & 1/2 HP, 1750 RPM, 56C NEMA Frame
- Adjustment:**
 - Manual, Via 0-10 Scale Micrometer Stroke Length Knob
- Materials of Construction:**
 - PVC or 316 SS Liquid Ends
 - Anodized Aluminium Housing
 - Anodized Aluminium Lantern
- Plunger Stroke Length:**
 - 15mm.



↓ PUMP HEAD 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 2205 SANDVIK
PLUNGER PACKING	PTFE	PTFE	PTFE	PTFE	PTFE	PTFE	PTFE + 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	FKM	FKM	FKM	FKM	FKM	FKM	FKM