

# HYPRO® VERSA-TWIN™ 2130 SERIES

Highly Versatile Pumps



# 2130 Series Plunger Pumps



Hypro's newly designed 2130 Series Versa-Twin™ Plunger Pumps are available in standard models up to 4.0 GPM (15.1 L/min) & 300 PSI (20.7 BAR).

The new series is ideal for transferring a variety of fluids in applications such as pest control, turf spraying, bleach and many others. Their Noryl GTX pump body and head, along with FKM seals, provide excellent chemical resistance, while its robust motor, ceramic plunger, and crank drive provide market-leading long life without servicing.

### Ideal applications:

- Insect and pest control
- Turf and golf course management
- Fruit and vegetable production
- Industrial applications
- Hydrostatic line testing

- Molded from Noryl GTX for chemical resistance against fertilizers, insecticides, chlorides, acids, and bleach
- Robust motor, ceramic plunger, and crank drive provide market-leading long life without servicing
- 4-point 1" NPT flynut-ready connections allow for greater flexibility in plumbing, easy installation and servicing, draining and maintenance
- 1" ports allow for single-sided inlet plumbing
- Available in standard models up to 4.0 GPM (15.1 L/min) & 300 PSI (20.7 BAR)

## Order Information

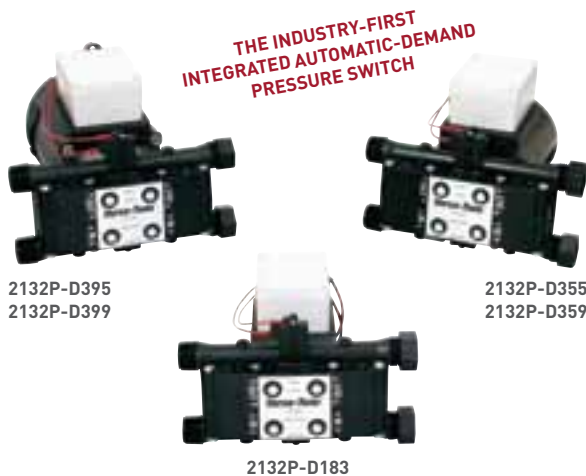
Model Number	Max GPM [L/min]	Max PSI [BAR]	Max RPM	Motor Type	Ports
2130P-D183	2.5 (9.5)	150 (10.3)	2200	1/4 HP 12V DC Motor, 20 amps	1" MNPT
2130P-D355	2.8 (10.6)	300 (20.7)	2000	1/2 HP 12V DC Motor, 35 amps	
2130P-D359	3.9 (14.8)	200 (13.8)	2000	1/2 HP 12V DC Motor, 35 amps	
2130P-D395	2.9 (11.0)	300 (20.7)	2000	1/2 HP 12V DC Motor, 56C, 39 amps	
2130P-D399	4.0 (15.1)	200 (13.8)	2000	1/2 HP 12V DC Motor, 56C, 39 amps	
2130P-A055	2.4 (9.1)	300 (20.7)	1750	1/2 HP 115-208/230V AC Motor, 1 PH 50/60 Hz	
2130P-A079	3.9 (14.8)	300 (20.7)	1750	3/4 HP 115-208/230V AC Motor, 1 PH 50/60 Hz	
2130PX	Replacement pump head				

## Performance

Model Number	0 PSI / 0 BAR		50 PSI / 3.5 BAR		100 PSI / 6.9 BAR		150 PSI / 10.3 BAR		200 PSI / 13.8 BAR		250 PSI / 17.2 BAR		300 PSI / 20.7 BAR	
	GPM	AMPS	GPM	AMPS	GPM	AMPS	GPM	AMPS	GPM	AMPS	GPM	AMPS	GPM	AMPS
	L / min		L / min		L / min		L / min		L / min		L / min		L / min	
2130P-D183 <sup>1</sup>	2.5	5.2	2.2	9.8	2.0	14.6 *	1.8	19.3 *	-	-	-	-	-	-
	9.5		8.3		7.6		6.8							
2130P-D355 <sup>1</sup>	2.8	9.1	2.5	13.4	2.4	18.9	2.3	23.5	2.2	27.5 *	2.1	30.9 *	2.0	34.8 *
	10.6		9.5		9.1		8.7		8.3		7.9		7.6	
2130P-D359 <sup>1</sup>	3.9	11.6	3.2	17.2	3.1	21.5 *	3.0	26.2 *	2.8	31.8 *	-	-	-	-
	14.8		12.1		11.7		11.4		10.6					
2130P-D395 <sup>1</sup>	2.9	8.3	2.5	13.0	2.4	19.0	2.3	23.5	2.2	27.2	2.1	30.7	2.0	33.9
	11.0		9.5		9.1		8.7		8.3		7.9		7.6	
2130P-D399 <sup>1</sup>	4.0	11.0	3.5	17.2	3.3	24.0	3.1	29.3	3.0	34.2	-	-	-	-
	15.1		13.2		12.5		11.7		11.4					
2130P-A055 <sup>2</sup>	2.4	6.5	2.2	6.6	2.1	6.7	2.1	6.8	2.0	7.0	1.9	7.2	1.9	7.3
	9.1		8.3		7.9		7.9		7.6		7.2		7.2	
2130P-A079 <sup>2</sup>	3.9	8.9	3.4	9.0	3.3	9.1	3.2	9.5	3.1	9.8	3.0	10.1	2.9	10.6
	14.8		12.9		12.5		12.1		11.7		11.4		11.0	

\* indicates intermittent duty only <sup>1</sup> Tested at 13.5 VDC <sup>2</sup> Tested at 110 VAC

# 2130 Series Plunger Pumps with Pressure Switch



Hypro has introduced an industry-first integrated automatic-demand pressure switch plunger pump design. The automatic-demand switch is adjustable to meet application needs and allows the pump to work on demand, increasing product life, reducing power input for the system, and reducing or eliminating charging system setup and designs.

- Integrated pressure switch designed for the pump to work as a demand pump
- Extends the life of the pump when the duty cycle is less than 100%, for example, a 50% duty cycle extends the life of the system two times and a 25% duty cycle extends the life four times
- Reduces end-user installation charges by allowing a system to be set up for overnight charging versus continuous charging through a custom, high-amp vehicle alternator and heavy-gage wiring system

## Order Information

Model Number	Max GPM (L/min)	Max PSI (BAR)	Max RPM	Motor Type	Pressure Switch	Ports
2132P-D183	2.5 (9.5)	150 (10.3)	2200	1/4 HP 12V DC Motor, 20 amps	150-250 PSI (10.3-17.2 BAR)	1" MNPT
2132P-D355	2.8 (10.6)	250 (17.2)	2000	1/2 HP 12V DC Motor, 35 amps	150-250 PSI (10.3-17.2 BAR)	
2132P-D359	3.9 (14.8)	200 (13.8)	2000	1/2 HP 12V DC Motor, 35 amps	150-250 PSI (10.3-17.2 BAR)	
2132P-D395	2.9 (11.0)	250 (17.2)	2000	1/2 HP 12V DC Motor, 39 amps	150-250 PSI (10.3-17.2 BAR)	
2132P-D399	4.0 (15.1)	200 (13.8)	2000	1/2 HP 12V DC Motor, 39 amps	150-250 PSI (10.3-17.2 BAR)	
2133P-D355	2.8 (10.6)	300 (20.7)	2000	1/2 HP 12V DC Motor, 35 amps	250-350 PSI (17.2-24.1 BAR)	
2133P-D395	2.9 (11.0)	300 (20.7)	2000	1/2 HP 12V DC Motor, 56C, 39 amps	250-350 PSI (17.2-24.1 BAR)	
2132PX	Replacement pump head & switch				150-250 PSI (10.3-17.2 BAR)	
2133PX	Replacement pump head & switch				250-350 PSI (17.2-24.1 BAR)	

## Performance

Model Number	0 PSI / 0 BAR		50 PSI / 3.5 BAR		100 PSI / 6.9 BAR		150 PSI / 10.3 BAR		200 PSI / 13.8 BAR		250 PSI / 17.2 BAR		300 PSI / 20.7 BAR	
	GPM	AMPS	GPM	AMPS	GPM	AMPS	GPM	AMPS	GPM	AMPS	GPM	AMPS	GPM	AMPS
	L / min		L / min		L / min		L / min		L / min		L / min		L / min	
2132P-D183 <sup>1</sup>	2.5	5.2	2.2	9.8	2.0	14.6 *	1.8	19.3 *	-	-	-	-	-	-
	9.5		8.3		7.6		6.8							
2132P-D355 <sup>1</sup>	2.8	9.1	2.5	13.4	2.4	18.9	2.3	23.5	2.2	27.5 *	2.1	30.9 *	2.0	34.8 *
2133P-D355 <sup>1</sup>	10.6		9.5		9.1		8.7		8.3		7.9		7.6	
2133P-D359 <sup>1</sup>	3.9	11.6	3.2	17.2	3.1	21.5	3.0	26.2 *	2.8	31.8 *	-	-	-	-
	14.8		12.1		11.7		11.4		10.6					
2132P-D395 <sup>1</sup>	2.9	8.3	2.5	13.0	2.4	19.0	2.3	23.5	2.2	27.2	2.1	30.7	2.0	33.9
2133P-D395 <sup>1</sup>	11.0		9.5		9.1		8.7		8.3		7.9		7.6	
2133P-D399 <sup>1</sup>	4.0	11.0	3.5	17.2	3.3	24.0	3.1	29.3	3.0	34.2	-	-	-	-
	15.1		13.2		12.5		11.7		11.4					

\* indicates intermittent duty only <sup>1</sup> Tested at 13.5 VDC <sup>2</sup> Tested at 110 VAC

## Fly Nut Fittings



Fly Nut connection X Hose barb			
O-ring Groove x Hose Barb	Hose barb fitting	Fly nut	O-ring
1" x 1" straight	FNS-100100	3B100	1721-0010
1" x 3/4" straight	FNS-10034		
1" x 1/2" straight	FNS-10012		
1" x 1" elbow	FNE-100100		
1" x 3/4" elbow	FNE-10034		



Fly Nut connection X NPT			
O-ring Groove x NPT	Fitting	Fly nut	O-ring
1" x 3/4" MNPT *	2404-0427	3B100	1721-0010
1" x 1/2" MNPT	2404-0419		

\* compatible with other fly-nut fittings in catalog

Fly Nut Cap	
1" NPT with gasket	FNCAP-100N
Replacement gasket	01WSHR13

## Relief Valve



Part Number	Operating PSI	Material	Use With
3300-0001	400	Bronze	35 & 39 amp DC, and all AC motors
3300-0002	200	Bronze	18 amp DC motors
3300-0015	150	Nylon	18 amp DC motors
3300-0016	250	Nylon	35 & 39 amp DC, and all AC motors
3300-0098	400	Nylon	18 amp DC motors
3301-0001	400	Bronze	35 & 39 amp DC, and all AC motors

## Pulse Hose



Part Number	Max PSI	Description
3375-0025*	1500	9 ft Pulse Hose, 3/8" (M)NPT w/ one plugged end

\*Used with all pressure switch models when using rigid pipe, rigid or semi-rigid hose (working pressure greater than 600 psi) or any hose less than 150 ft.

## Unloader Valve



Part Number	Operating PSI	Use With	Material
3390-0062D	200-600	35 & 39 amp DC, and all AC motors	Brass, Buna-N Cup



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