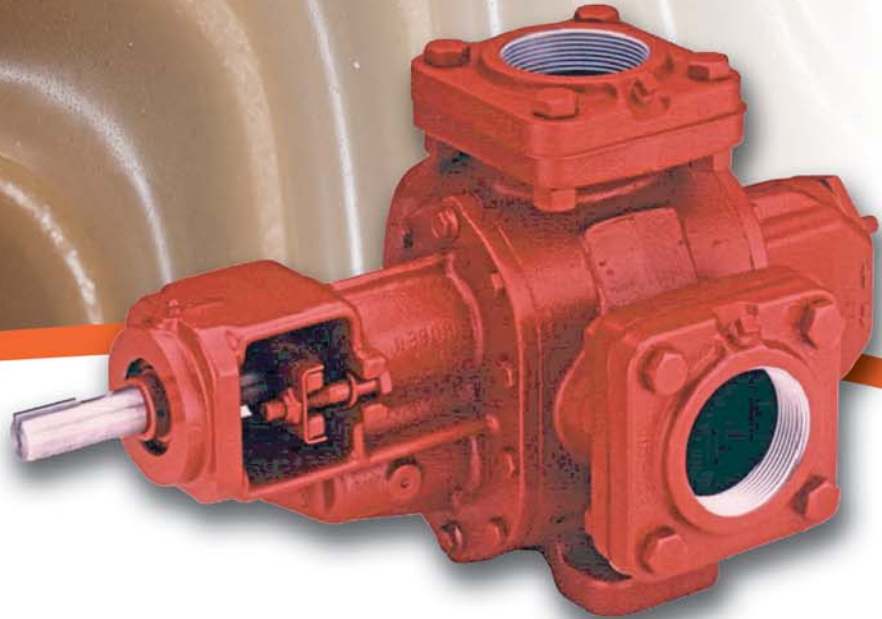


Steam jacket option



Roper Chocolate Pumps

Roper Chocolate Pumps are designed to accommodate a wide range of applications in the processing of chocolate.

These pumps are being used in chocolate production throughout the world...handling everything from chocolate liqueur to dark chocolate, as well as sugar solutions.

Iron bearings and PTFE packing increase service life and asset availability.

To find out more about Roper Chocolate Pumps, contact your nearest Roper Pump distributor, or call our applications dept.

When selecting pumps for food process service, please refer to the applicable codes.

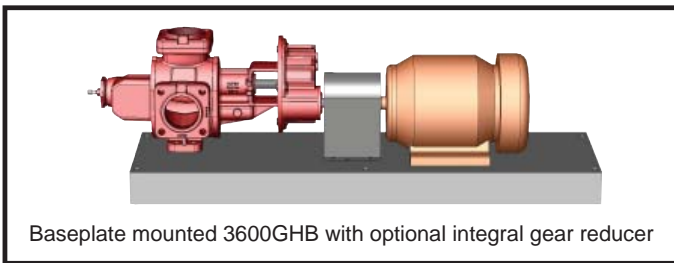
- Iron bearings with large square grooves allow better circulation of product to prevent build-up.
- Lubricant pockets at each shaft end allow maximum lubrication to the bearings.
- A lantern ring in the packing prevents air from being pulled through the packing area and hardening the chocolate.
- Undersized gears provide extra clearance for handling chocolate.
- Pumps can be jacketed (optional) for temperature sensitive processes.

Performance Chart

SIZE	RPM		50 RPM					100 RPM					150 RPM					200 RPM			
	PSI	SSU	500	1,000	10,000	25,000	40,000	500	1,000	10,000	25,000	40,000	500	1,000	10,000	25,000	40,000	500	1,000	10,000	25,000
3611	25	GPM HP	5.5 1	5.5 1	5.5 1	5.5 1	5.5 1	11 1	11 1	11 1	11 1	11 1	16.5 1	16.5 1	16.5 1	16.5 1	16.5 1.5	22 1	22 1	22 1.5	22 1.5
	50	GPM HP	5 1	5.5 1	5.5 1	5.5 1	5.5 1	10.5 1	11 1	11 1	11 1	11 1	16 1	16.5 1	16.5 1.5	16.5 1.5	16.5 1.5	21.5 1.5	22 1.5	22 1.5	22 2
	100	GPM HP	4.5 1	4.9 1	5.5 1	5.5 1	5.5 1	10 1	10.4 1	11 1.5	11 1.5	11 1.5	15.5 1.5	15.9 1.5	16.5 2	16.5 2	16.5 2	21 2	21.4 2	22 3	22 3
	125	GPM HP	4 1	4.8 1	5.5 1	5.5 1	5.5 1	9.5 1	10.3 1.5	11 1.5	11 1.5	11 1.5	15 2	15.8 2	16.5 2	16.5 2	16.5 3	20.5 3	21.3 3	22 3	22 3
3617	25	GPM HP	7.8 1	8 1	8.5 1	8.5 1	8.5 1	16.3 1	16.5 1	17 1	17 1	17 1	24.8 1	25 1	25.5 1.5	25.5 1.5	25.5 1.5	33.3 1.5	33.5 1.5	34 2	34 2
	50	GPM HP	6.8 1	7.6 1	8.5 1	8.5 1	8.5 1	15.3 1	16.1 1	17 1.5	17 1.5	17 1.5	23.8 1.5	24.6 1.5	25.5 2	25.5 2	25.5 2	32.3 2	33.1 2	34 3	34 3
	100	GPM HP	5.5 1	6.6 1	8.1 1	8.5 1	8.5 1	14 1.5	15.1 1.5	16.6 2	17 2	17 2	22.5 2	23.6 2	25.1 3	25.5 3	25.5 3	31 3	32.1 3	33.6 5	34 5
	125	GPM HP	4.8 1	6 1	8 1	8.5 1	8.5 1.5	13.3 1.5	14.5 1.5	16.5 2	17 2	17 2	21.8 3	23 3	25 3	25.5 3	25.5 3	30.3 3	31.5 5	33.5 5	34 5
3622	25	GPM HP	10.6 1	11 1	11 1	11 1	11 1	21.6 1	22 1	22 1	22 1	22 1	32.6 1	33 1.5	33 1.5	33 1.5	33 1.5	43.6 1.5	44 1.5	44 2	44 2
	50	GPM HP	10.1 1	10.4 1	11 1	11 1	11 1	21.1 1.5	21.4 1.5	22 1.5	22 1.5	22 1.5	32.1 1.5	32.4 1.5	33 2	33 2	33 2	43.1 2	43.4 2	44 3	44 3
	100	GPM HP	9.1 1	9.8 1	11 1	11 1	11 1	20.1 2	20.8 2	22 2	22 2	22 2	31.1 3	31.8 3	33 3	33 3	33 3	42.1 5	42.8 5	44 5	44 5
	125	GPM HP	8.5 1.5	9.3 1.5	11 1.5	11 1.5	11 1.5	19.5 2	20.3 2	22 3	22 3	22 3	30.5 3	31.3 5	33 5	33 5	33 5	41.5 5	42.3 5	44 5	44 5
3635	25	GPM HP	16.8 1	17 1	18.5 1	18.5 1	18.5 1	35.3 1	35.5 1	37 2	37 3	37 3	53.8 1.5	54 1.5	55.5 5	55.5 5	55.5 5	72.3 3	72.5 3	74 5	74 7.5
	50	GPM HP	14.6 1	15.4 1	16.8 1	18.5 1	18.5 1	33.1 1.5	33.9 1.5	35.3 3	37 3	37 5	51.6 2	52.4 2	53.8 5	55.5 5	55.5 5	70.1 5	70.9 5	72.3 7.5	74 7.5
	100	GPM HP	9.8 1.5	11.5 1.5	14.6 1.5	18.5 1.5	18.5 1.5	28.3 3	30 3	33.1 5	37 5	37 5	46.8 5	48.5 5	51.6 7.5	55.5 7.5	55.5 7.5	65.3 7.5	67 7.5	70.1 10	74 10
	125	GPM HP	7.5 2	9.3 2	13.5 2	18.5 2	18.5 2	26 3	27.8 3	32 5	37 5	37 5	44.5 5	46.3 5	50.5 7.5	55.5 7.5	55.5 10	63 7.5	64.8 10	69 10	74 10
3658	25	GPM HP	28.8 1	29.1 1	30.5 1	30.5 1	30.5 1	59.3 1.5	59.6 1.5	61 3	61 3	61 3	89.8 2	90.1 3	91.5 5	91.5 5	91.5 7.5	120.3 5	120.6 5	122 7.5	122 7.5
	50	GPM HP	26.6 1.5	27.7 1.5	30.5 1.5	30.5 1.5	30.5 1.5	57.1 3	58.2 3	61 5	61 5	61 5	87.6 3	88.7 5	91.5 7.5	91.5 7.5	91.5 10	118.1 7.5	119.2 7.5	122 10	122 10
	100	GPM HP	22 3	24.5 3	28.6 3	30.5 3	30.5 3	52.5 5	55 5	59.1 7.5	61 7.5	61 7.5	83 7.5	85.5 7.5	89.6 10	91.5 10	91.5 10	113.5 10	116 10	120.1 10	122 15
	125	GPM HP	19.5 3	22.6 3	27.9 3	30.5 3	30.5 3	50 5	53.1 5	58.4 7.5	61 7.5	61 7.5	80.5 7.5	83.6 10	88.9 10	91.5 15	91.5 15	111 15	114.1 15	119.4 15	122 15

Additional sizes are available. HP figures indicate the lowest horsepower motor that should be used to operate the pump.

Baseplate Units



Materials Chart

	HOUSING	GEARS	BEARINGS	SHAFTS
STANDARD	Iron	Hardened Iron Alloy	Iron	Steel
AVAILABLE	Iron	Stainless Steel	Carbon	Stainless Steel

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