



SMARTFLEX PUMPS



THE PUMP OF CHOICE

ROLLER OR SHOE TECHNOLOGY

Hayward Gordon SmartFlex pumps are available in both high and low pressure designs.

The SRP and LRP series pumps are fitted with roller technology that reduce hose stress and provide substantially increased hose life, don't require lubrication and consume less energy than the shoe type technology. Excellent for pressures up to 116 PSI.

When higher pressures to 232 PSI are required the STP series sliding shoe design is the pump of choice. The heavy duty STP pumps are the workhorse of the industry and can be found in some of the toughest applications.

Our hose technology is second to none and available in several materials. We also have food grade hoses and tubing.

FEATURES

- Unique hose attachment
- Cooling fins increase hoselife
- Commercially available Gear reducers
- Dry run capability
- +/- 1% metering accuracy
- Roller or Sliding Shoe technology
- Low cost HALAR coating for corrosive fluids
- Food grade hoses

APPLICATIONS

MINING

Underflow, ore slurry, nickel slurry, backfill, reagent metering, gypsum slurry, PAX, Copper Sulphate, coagulant.

WATER TREATMENT

Sampling, sludge, lime slurry, ferric chloride, sodium hypochlorite, polymer, alum, sulphuric acid, biomass.

FOOD AND BEVERAGE

Diatomaceous Earth, sugar concentrate, hop extract, honey, caustic, activated charcoal, vegetable oil, brine.

CHEMICAL

Paper coatings, nitric acid, calcium carbonate, latex, ink, clay, aluminum silicate, barium hydroxide, paint.



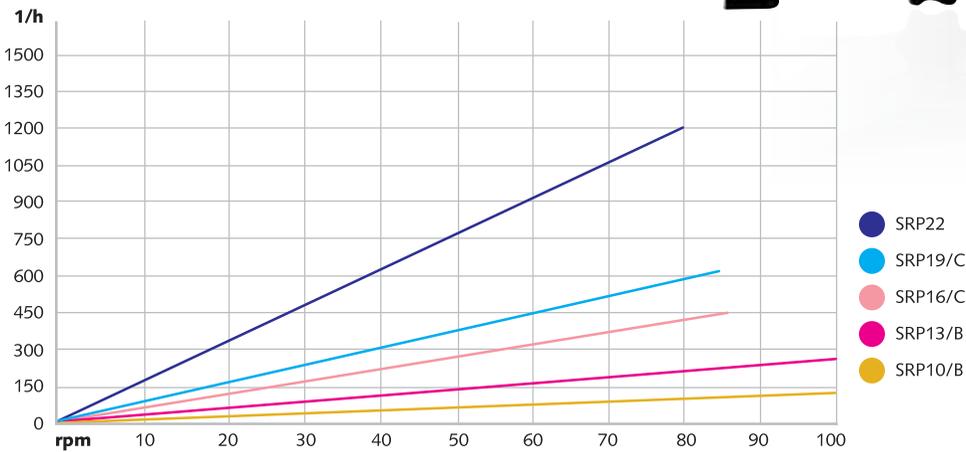
SRP Series

The Hayward Gordon SmartFlex SRP Series roller pumps are ideal for lower flows. The pumps are available with reinforced hose for pressures to 116 PSI or more economical tubing for pressures to 30 PSI.

The pumps are available with NPT or Tri-Clamp connections in SS and PVC



PERFORMANCE TABLE



TECHNICAL DATA

		SRP10/B	SRP13/B	SRP16/C	SRP19/C	SRP22
Capacity	l/rev	0.023	0.038	0.092	0.123	0.246
	g/rev	0.006	0.01	0.024	0.032	0.065
Connections		3/8"	3/8"	3/4"	1"	1"
Max pressure		8 bar 116 PSI	8 bar 116 PSI	8 bar 116 PSI	2 bar 29 PSI	8 bar 116 PSI
Hose tightening system		Rollers	Rollers	Rollers	Rollers	Rollers
Hoses available in rubber		NR NBR EPDM NR-A NBR-A HYPALON	NR NBR EPDM NR-A NBR-A HYPALON	NR NBR EPDM NR-A NBR-A HYPALON		NR NBR EPDM NR-A NBR-A HYPALON
Tubes available in thermoplastic		Norprene®	Norprene®	Norprene® Tygon®	Norprene®	Norprene®

LRP Series

ROLLER TECHNOLOGY PUMP

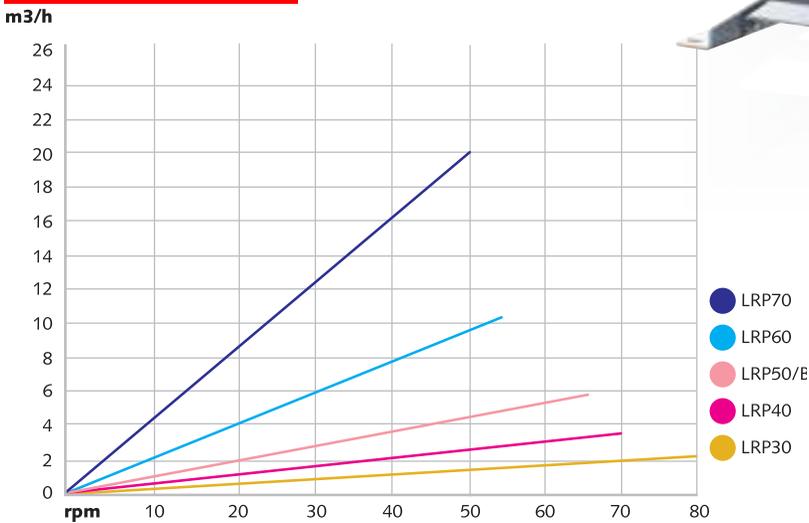
The Hayward Gordon SmartFlex LRP series roller technology pumps are ideal for low pressure applications. The rollers impart lower stress on the hose and increases the hose life dramatically. The pumps do not require lubrication and are ideal where contamination is an issue. The rolling action is more efficient than the sliding shoe and consumes less energy. The design includes a bearing placed directly under the pump rotor eliminating overhung load.

FEATURES

- Lower hose stress results in longer hose life
- No Lubricant required
- Commercially available gear reducers
- Hose leakage detector
- Food grade hoses
- NPT, Flange and Tri Clamp connections in 316SS and PVC



PERFORMANCE TABLE



TECHNICAL DATA

		LRP30	LRP40	LRP50/B	LRP60	LRP70
Capacity	l/rev	0.43	0.86	1.47	3.16	6.72
	g/rev	0.113	0.22	0.38	0.83	1.77
Connections		1 1/4"	1 1/2"	1 1/2"	2"	2 1/2"
Max pressure		8 bar 116 PSI				
Hose tightening system		Rollers	Rollers	Rollers	Rollers	Rollers
Hoses available in rubber		NR	NR	NR	NR	NR
		NBR	NBR	NBR	NBR	NBR
		EPDM	EPDM	EPDM	EPDM	EPDM
		NR-A	NR-A	NR-A	NR-A	NR-A
		NBR-A	NBR-A	NBR-A	NBR-A	NBR-A
Tubes available in thermoplastic		Norprene®	Norprene®	Norprene®	Norprene®	

CTM Series

The Hayward Gordon SmartFlex CTM Series Industrial Tube Metering Pump is ideal for low flow and low pressure metering. The tube is easy to replace and comes in 6 different sizes to meet varying operating conditions with the same pump. As with all our peristaltic pumps, the CTM pump easily handles shear sensitive or solids laden slurries.

FEATURES

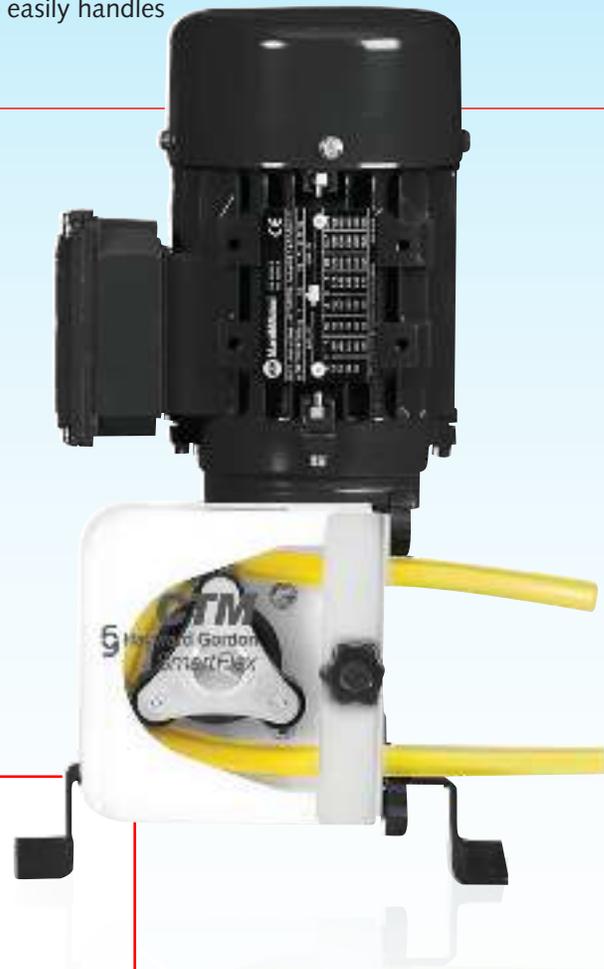
- Large turndown Ratio
- Commercially available gear reducers
- Integral frequency converter
- Profibus DP technology

Types of tubes available

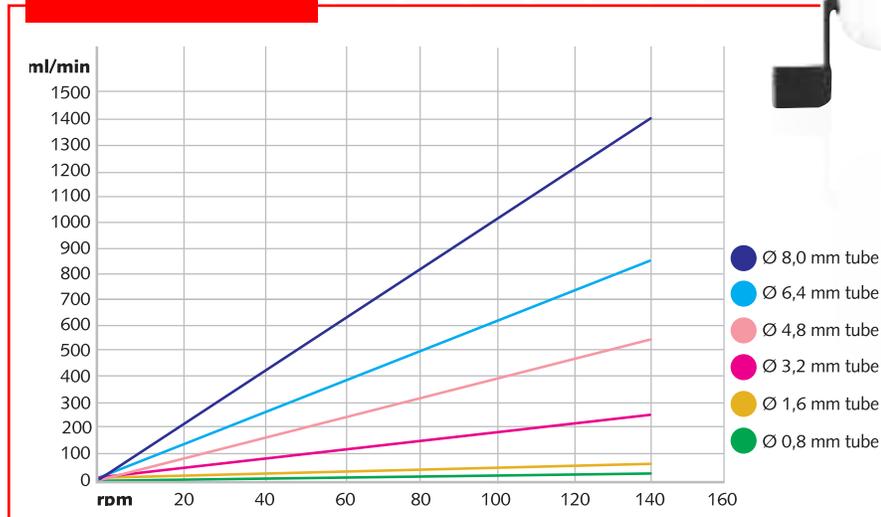
Silicone
Norprene® A-60-F
Tygon®
Norprene® A-60-G
Solva®

Internal tube diameters available

Ø	ml/rev.
0.8 mm	0.16
1.6 mm	0.40
3.2 mm	1.66
4.8 mm	3.80
6.4 mm	6.26
8.0 mm	10.00



PERFORMANCE TABLE



5 Brigden Gate, Halton Hills, ON L7G 0A3 Tel (905) 693-8595 Fax (905) 693-1452

haywardgordon.com
info@haywardgordon.com