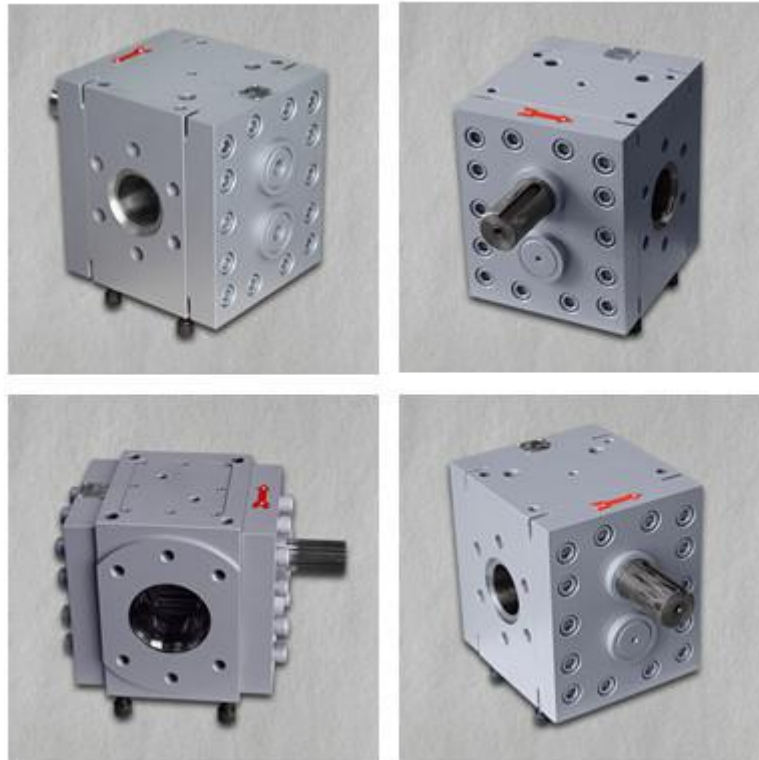


ZB-R Series Gear pump for rubber extruder

Introduction of Rubber melt pump

ZB-R Gear pump for rubber extruder is efficiency self-cleaning. The structure for shaft sleeves is simple, while the fluid passageway is specially designed. All of this make the pulsation rate become much lower under the higher differential pressure. This series of metering melt pump applies to butadiene rubber, chloroprene rubber, EPDM, SBR, NBR, natural rubber, etc.



Technical Parameter of Metering melt pump

- ◆ Melt Pump Body: high temperature tool steel, chromium-nickel steel
- ◆ Gear: high temperature tool steel, nitrided steel
- ◆ Sliding Bearing: high temperature tool steel, other material and coating
- ◆ Shaft Sealing: screw sealing
- ◆ Heating System: heat medium heating
- ◆ Cooling mode: Shaft end cooling system

Operating Parameter of Rubber gear pump

- ◆ Volume Range: 50CC - 2500CC
- ◆ Mooney viscosity: ≤ 1200 Pas
- ◆ Working Temperature: $\leq 130^\circ$ C
- ◆ Cleaning Temperature: $\leq 350^\circ$ C
- ◆ Outlet Pressure: ≤ 70 Mpa
- ◆ Differential Pressure: ≤ 50 Mpa

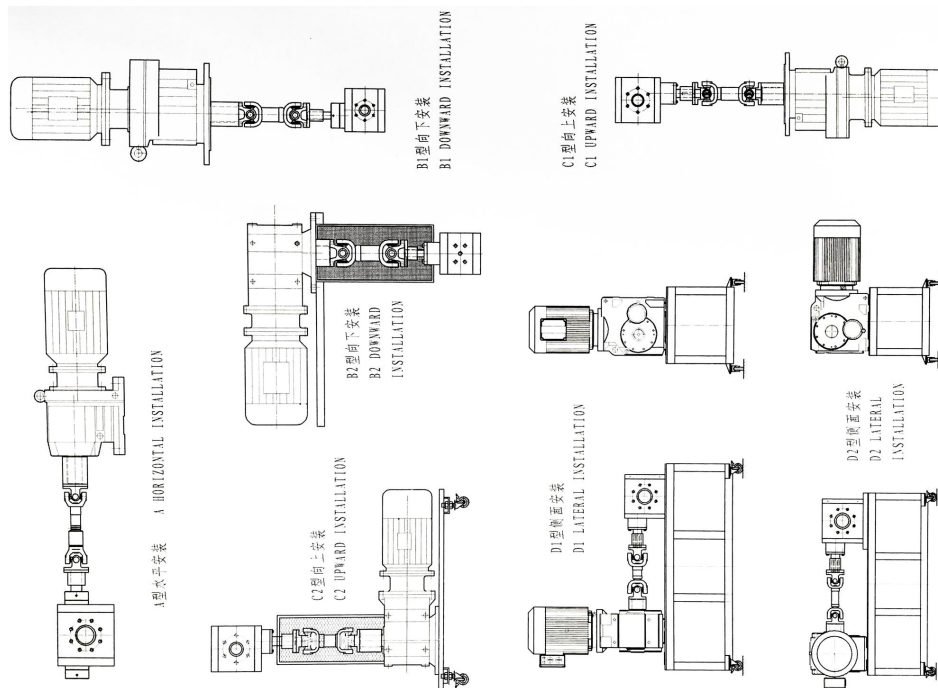
Features of Rubber melt pump

- ◆ Stable output pressure
- ◆ Improve the quality of products
- ◆ Improve the productivity of extrusion
- ◆ Reduce unit energy consumption
- ◆ Extend the service life of the whole machine

Application of Metering gear pump

- ◆ Polymer extrusion molding, such as granulation, film, pipe, plate, sheet, etc;
- ◆ High-viscosity materials:butadiene rubber, chloroprene rubber, EPDM, SBR, NBR, natural rubber, etc;
- ◆ Rubber, asphalt, paint, adhesives, coatings, lubricants, polyalcohol, non-particulate impurities;
- ◆ Polyester for cotton-fiber, polypropylene and other chemical fiber melt.

Installation of Rubber gear pumps

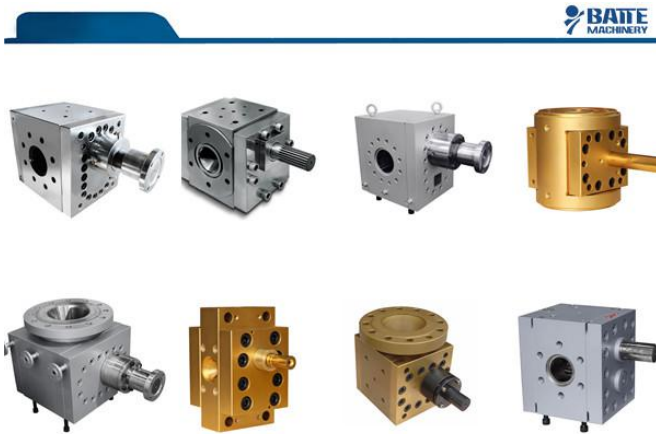


Parameters of Rubber metering pump

Type	CC/Rev	Capacity (L/H)	Heating power (kw)	Dirven system (kw)	Pressure	Temperature
ZB-0.2	0.2	0.2-0.6	0.5	0.37		

ZB-1	1	1-3	1	0.5	Inlet pressure: ≥ 0 Mpa Exit pressure: ≤ 35 Mpa	Operating temperature: $\leq 350^{\circ}\text{C}$ Clearing temperature: $\leq 450^{\circ}\text{C}$
ZB-2	2	2-6	1	0.75		
ZB-5	5	5-15	1	1.1		
ZB-10	10	10-30	1	1.5		
ZB-20	20	20-60	2	2.2		
ZB-31.5	31.5	30-90	2	3		
ZB-50	50	50-150	2	4		
ZB-100	100	100-300	3	5.5		
ZB-150	150	150-450	4	7.5		
ZB-200	200	200-600	4	11		
ZB-250	250	250-750	5	15		
ZB-315	315	300-900	6	18.5		
ZB-400	400	400-1200	8	22		
ZB-500	500	500-1500	10	30		
ZB-630	630	600-1800	12	37		
ZB-800	800	800-2400	15	45		
ZB-1000	1000	1000-3000	18	55		
ZB-1500	1500	1200-4500	20	75		

The other Products



- [ZB-B Gear melt pump](#)
- [ZB-C Extruder melt pump](#)
- [ZB-D Extruding pump for polymer](#)
- [ZB-E Pressurized melt pump](#)
- [ZB-F Melt pump for reaction kettle](#)
- [ZB-H High temperature and high pressure melt pump](#)
- [ZB-K Polymer melt pump](#)
- [ZB-R Gear pump for rubber extruder](#)
- [ZB-U Spinning gear metering pump](#)
- [ZB-X Chemical transporting and dosing pump](#)

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- [Double plate hydraulic screen changer](#)
- [Manual control screen changer](#)
- [Double piston four screen cavities screen changer](#)
- [Automatic mesh belt continuous screen changer](#)
- [Single piston screen changer](#)
- [Single plate screen changer](#)
- [Double piston double screen cavities screen changer](#)
- [Four screen cavities backflash screen changer](#)



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- [Single screw gravimetric dosing feeder](#)
- [Single screw gravimetric feeder](#)
- [Twin screw loss in weight metering feeder](#)
- [Twin screw loss in weight feeder](#)
- [Volume feeding machine \(single screw,twin screw\)](#)
- [Micro loss in weight metering feeder](#)
- [Micro loss in weight feeder](#)
- [Liquid loss in weight feeder](#)
- [Multi-component loss in weight feeder](#)