

SKF斯凯孚林肯 Vogel 集中润滑系统ZM2104-1+1GD多头泵

产品名称	SKF斯凯孚林肯 Vogel 集中润滑系统ZM2104-1+1GD多头泵
公司名称	合肥双合智能科技有限公司
价格	.00/件
规格参数	
公司地址	合肥市包河区锦绣大道3665号
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产品详情

For use in oil circulation lubrication systems

ZM multi-circuit gear pump units are self-priming and valveless pumps. They are used in oil circulation lubrication systems with 5 to 20 separate delivery circuits. Unused outlets must be returned to the reservoir. The pumps consists of an electric motor, adapter flange, coupling and a gear pump. The pump can be mounted separately from the reservoir or as a flanged pump on the reservoir. A special design with seals for horizontal mounting below lubricant level is available. The fluids to be pumped must have enough lubricity for the pump to lubricate itself.

Some of these distribution pumps require an attached, single-circuit priming pump that operates separately. The priming pump restricts differential pressure within the multi-circuit pumps and helps to provide uniform delivery rates. It is advisable to filter the oil upstream of the distribution pump inlet.

Features and benefits

High viscosity range

Flexible due to up to 20 circuits per pump

Suitable for hydrostatic operation

Easy system planning

Space-saving pump design

Applications

Machine tools

General industry

Metal and plastic forming machinery

TECHNICAL DATA Function principle electrically operated, self-priming gear pump Lubricant mineral and synthetic oils Operating viscosity depending on model, 20 – 1000 mm²/s Flow rate per outlet depending on model: min. 0,015 l/min max. 0,45 l/min 0.032 pts/min 0.951 pts/min Operating temperature +10 to 40 ° C +50 to 104 ° F Outlets 5-20 Operating back pressure max. 20 bar max. 290 psi Suction height max. 500 mm max. 19.7 in Drive speed 670-1400 min-1 Motor 1) 3-phase motor Voltage 220-240/380-420 V AC at 50 Hz Rated power 0,18 – 0,37 kW Pressure connection G1/8 or M10 × 1 Suction connection G1/2 or M14 × 1,5 ZM50: M14 × 1,5 for 12 mm ZM10: G1/2 Protection class IP 54 Dimensions min. 325 × 152 × 125 mm max. 460 × 208 × 160,5 mm min. 12.79 × 5.98 × 4.92 in 18.11 × 8.18 × 6.32 in Mounting position horizontal, or flanged to reservoir 2)

1)

Further motor designs available on request.

2)

Only flange design version with separate seal

ORDER INFORMATION ZM MULTI-CIRCUIT PUMP, SELF-PRIMING 1) Part number Circuits 4) Flow rate 6) Back pressure Drive speed Operating viscosity (outlets) Va Vbl/minl/min bar min-1 mm²/s ZM502+1GD 2) 55 × 0,2-2067020-2000 ZM502-3+1GD 3) 55 × 0,2-2067020-2000 ZM505+1GD 2) 55 × 0,45-1067020-500 ZM505-3+1GD 3) 55 × 0,45-1067020-500 ZM1002+1GD 2) 105 × 0,25 × 0,22069020-1000 ZM1002-3+1GD 3) 105 × 0,25 × 0,22069020-1000 ZM1005+1GD 2) 105 × 0,455 × 0,451069020-250 ZM1005-3+1GD 3) 105 × 0,455 × 0,451069020-250 ZM1025+1GD 2) 105 × 0,25 × 0,451569020-500 ZM1025-3+1GD 3) 105 × 0,25 × 0,451569020-500

ORDER INFORMATION ZM MULTI-CIRCUIT PUMP FOR OPERATION WITH A SEPARATE PRIMING PUMP 1) Part number Circuits 4) Flow rate 6) Pump inlet 5) Drive speed Operating

viscosity (outlets) Va Vbl/minl/min bar min-1 mm²/s ZM502-S2+1GD 2) 54 × 0,2-3069020-500 ZM505-S2+1GD 2) 54 × 0,45-3069020-500 ZM1002-S2+1GD 2) 105 × 0,25 × 0,23069020-500 ZM1005-S2+1GD 2) 105 × 0,455 × 0,453069020-500 ZM2101-2+1GD 2) 2020 × 0,015 -30140020-1000 ZM2102-2+1GD 2) 2020 × 0,03-30140020-1000 ZM2103-2+1GD 2) 2020 × 0,05-30140020-1000 ZM2104-2+1GD 2) 2020 × 0,1-30140020-1000 **ORDER INFORMATION ZM PUMP WITH BUILT-IN PRIMING PUMP AND ADJUSTABLE PRESSURE RESTRICTION VALVE** 1) Part number Circuits 4) Flow rate 6) Pump inlet Pump inlet Drive speed (outlets) P1 P2 l/min pts/min bar min-1 ZM1035+1GD 2) 1010 × 0,4510 × 0,95116201400 ZM2201+1GD 2) 2020 × 0,02520 × 0,0521820680 ZM2202+1GD 2) 2020 × 0,03520 × 0,0741820915 ZM2103+1GD 2) 2020 × 0,0520 × 0,10518201360