

DATA SHEET

MEMOLUB® Progressive Distribution Blocks

Create a mini centralized lubrication system to take full advantage of the high pressure technology of the MEMOLUB® products

Application

The distribution block, models DB-GBU, are installed in combination with the MEMOLUB® HPS, EPS or PLCd Lubricators to create a Multi-Point progressive lubrication system. Several outlet configurations are available that allow you to tailor the distribution block to your lubrication specifications. If your equipment requires additional lubricant delivered to specified points in the system, Horizontal or Vertical cross-port couplers allow you to combine the lubricant output of two adjacent outlets, doubling the amount of lubricant discharged.

Operation

Each distribution block has a number of pistons that divide the volume of lubricant equally and forces it out of the valve. When the system is pressurized, pistons are positively displaced in sequence until the cycle is complete, with lubricant being discharged from each outlet. DB-GBU distribution valves will continue to cycle as long as lubricant is being delivered from the pump.

Monitoring the System

As lubricant is forced through the system, it is progressively discharged through the outlet ports. The back-and-forth movement of an indicator pin (attached to one of the block's pistons) confirms proper operation of the pistons in the block. Once all pistons in the block have completed half a cycle, the indicator pin will move inward. At the end of the cycle, the indicator pin will move outward. If the block has a limit switch attached, the indicator pin's inward/outward motion will activate this limit switch and serve to make or break contact in an electrical circuit.

If any of the outlet ports become blocked, the distribution block will cease to operate.



Note: All fittings in threaded holes should be torque at 6.5 to 7.5 ft-lbs.



Refer to these other
Data Sheets

The MEMO System
MPS- Multi-Point Lubrication

Part Numbers

Part No.	Lubricant	No. of outlets	Flow Rate	Features
DB-4-GBU	Grease or Oil	4	0.3cm ³	With indicator pin
DB-4-GBU-SW	Grease or Oil			With micro switch
DB-6-GBU	Grease or Oil	6	0.3cm ³	With indicator pin
DB-6-GBU-SW	Grease or Oil			With micro switch
DB-8-GBU	Grease or Oil	8	0.3cm ³	With indicator pin
DB-8-GBU-SW	Grease or Oil			With micro switch
DB-12-GBU	Grease or Oil	12	0.3cm ³	With indicator pin
DB-12-GBU-SW	Grease or Oil			With indicator pin



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