

Hydraulic remotely powered brake valve of compact design

RE 66228/04.09
Replaces: 05.08

1/10

Type LT17

Component series 4X
Brake pressures 40; 60; 80; 100; 125 bar



H7110

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Features

| | |
|--|------------------------------|
| Hydraulic remotely powered braking systems are used in: | |
| – Earth moving equipment | – Material handling vehicles |
| – Forestry and agricultural machines | – Special vehicles |
| The accumulator loading valve and the 2-circuit brake valve are combined to form the compact brake valve LT17. | |
| The advantages of the compact brake valve are: | |
| – Simple and quick assembly | |
| – Piping reduced to a minimum | |
| – Low space requirement | |
| – Integration into existing hydraulic systems is possible | |
| – Integrated actuation pedal | |
| – Direct connection of the pressure accumulator is possible (separate accumulator block is not required) | |
| – Connection facility for separate parking brake valve | |
| – Optional electrical on/off parking brake valve | |
| – Quickly ready for operation | |
| – Short response time | |
| – Sensitive metering | |
| – Minimum number of components | |
| – Low in maintenance | |

Ordering code

| | | | | | | | | |
|--|-----------|--|--|--|--|------|----------|---|
| LT 17 | -4X/ | | | | | FOE/ | M | * |
| Remotely powered brake valve | | | | | | | | |
| Actuation | | | | | | | | Further detail in clear text |
| Foot pedal | = MFA | | | | | | | Accessories |
| Foot pedal, electrical parking brake | = MFEA | | | | | | | 14 = With pressure switch |
| Component series | | | | | | | | Seals |
| Component series 40 to 49 (40 to 49: unchanged installation and connection dimensions) | = 4X | | | | | | M = | NBR seals, suitable for mineral oil (HL, HLP) to DIN 51524 |
| Max. operating brake pressure | | | | | | | | Connection threads |
| 40 bar | = 040 | | | | | | 02 = | Metric thread |
| 60 bar | = 060 | | | | | | 40 = | Metric thread, reduced |
| 80 bar | = 080 | | | | | | | Switching solenoid for parking brake (MFEA) |
| 100 bar | = 100 | | | | | | AG12C4 = | 12 Volt solenoid |
| Loading function set to 150 bar | | | | | | | AG24C4 = | 24 Volt solenoid |
| 125 bar | = 125 | | | | | | | both with plug-in connector |
| Loading function set to 210 bar | | | | | | | | Check valve |
| Please consult us for other settings | | | | | | | | No code = Without check valve |
| Parking brake system nominal pressure (MFEA) | | | | | | | | R = With check valve |
| Loading function set to 150 bar | = -150 | | | | | | | (optional with type MFA - connection S3) |
| Loading function set to 210 bar | = -210 | | | | | | | R = With check valve (standard with (standard with type MFEA - connection S3) |
| Please consult us for other settings | | | | | | | | |
| Accumulator loading flow | | | | | | | | |
| Approx. 4,5 l/min (standard B18) | = No code | | | | | | | |
| Approx. 17 l/min | = B40 | | | | | | | |