

RE 18307-59/07.10

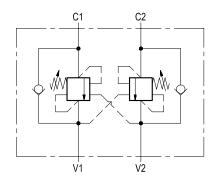
1/2 Replaces: RE 00171/02.07

Dual counterbalance



A-VBSO-DE-30

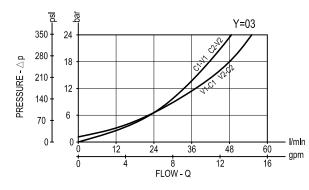
08.44.07 - X - Y - Z



Description

It provides static and dynamic control of load by regulating the flow IN and OUT of the actuator, through ports C1 and C2. This valve module includes 2 sections, each one composed by a check and a relief valve pilot assisted by pressure in the opposite line: the check section allows free flow into the actuator, then holds the load against reverse movement; with pilot pressure applied at the line across, the pressure setting of the relief is reduced in proportion to the stated ratio until opening and allowing controlled reverse flow. Back-pressure at V1 or V2 is additive to the pressure setting in all functions.

Performance



Technical data

Hydraulic

| Max. operating pressure | bar (psi) | 350 (5000) |
|-------------------------|-------------|------------|
| Max. flow | I/min (gpm) | 60 (16) |

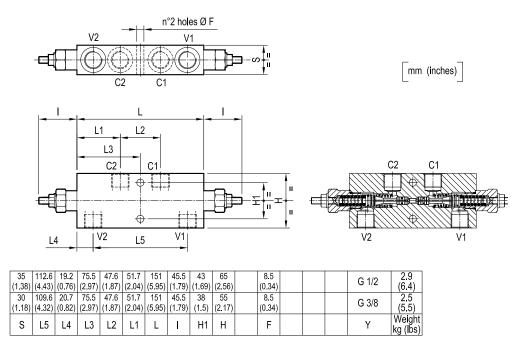
Relief setting: at least 1.3 times the highest expected load.

General

| Manifold material | | Steel |
|---------------------------|--------|----------------------------------|
| Weight | | see "Dimensions" |
| Fluid temperature range ° | C (°F) | between -30 (-22) and +100 (212) |
| Other technical data | | see data sheet RE 18350-50 |

Note: for applications outside these parameters, please consult us.

Dimensions



Ζ

Ordering code

| Ordering (| Jouc | | | |
|---------------|---------|----------|---|---|
| | | 08.44.07 | Х | Υ |
| | | | | |
| Dual counterl | oalance | | | |
| | | | | |
| Pilot ratio | | | | |
| = 03 4.2: | 1 | | | |
| | | | | |
| Port sizes | V1-V2 | C1-C2 | | |

| Port sizes | V1-V2 | C1-C2 | |
|------------|-------|-------|--|
| = 02 | G 3/8 | G 3/8 | |
| = 03 | G 1/2 | G 1/2 | |

| | SPRINGS | | |
|------|---------------|----------------|--------------|
| | Adj. pressure | Pres. increase | Std. setting |
| | range | bar/turn | Q=5 (I/min.) |
| | bar (psi) | (psi/turn) | bar (psi) |
| = 20 | 60-210 | 63 | 200 |
| | (870-3000) | (914) | (2900) |
| = 35 | 100-350 | 138 | 350 |
| | (1450-5000) | (2001) | (5000) |

Tamper resistant cap code 11.04.23.002 R930000752

| Туре | Material number |
|-----------------|-----------------|
| 08440703022000A | R930003364 |
| 08440703023500A | R930003366 |
| 08440703032000A | R930003373 |
| 08440703033500A | R900338285 |
| | |

| Туре | Material number |
|------|-----------------|
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Subject to change.