

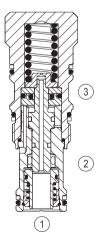
# Counterbalance, standard poppet type differential area, fixed setting SUN cavity interchange, T11-A

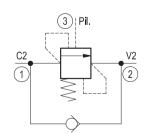
# VBSN-08U-TF



# Description

When pressure at 2 rises above the spring bias pressure, the check seat is pushed away from the piston and flow is allowed from 2 to 1. When load pressure at 1 rises above the pressure setting, the direct-acting, differential area relief function is activated and flow is relieved from 1 to 2. With pilot pressure at 3, the pressure setting is reduced in proportion to the stated ratio of the valve, until fully open with free-flow from 1 to 2. The spring chamber is drained to 2, and any back-pressure at 2 is additive to the pressure setting in all functions.





04.52.37 - X - 20 - Z

### RE 18319-98

Edition: 07.2019 Replaces: 02.2019

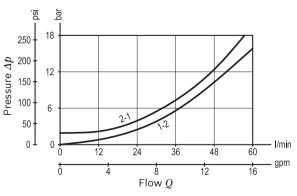
350 bar (5000 psi)
60 l/min (16 gpm)
5 drops/min.
-30 to 100 °C (-22 to 212 °F)
40-50 Nm (30-37 ft-lbs)
0.18 kg (0.39 lbs)
SUN T11-A
Please refer to section "Hydraulic integrated circuit" or consult factory
Code: RG08U9020110100
material no: R901193388
Mineral-based or synthetics with lubricating properties at viscosities of 10 to 500 mm²/s (cSt)
Nominal value max. 10µm (NAS 8) / ISO 4406 19/17/14
No restrictions
See data sheet 18350-50

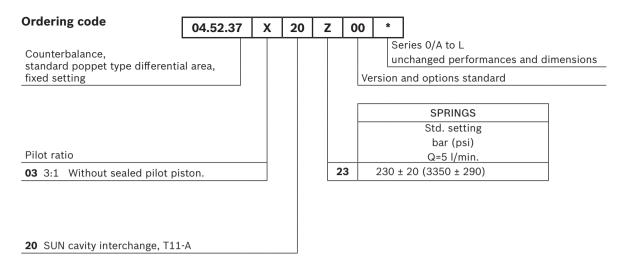
Pressure setting: at least 1.3 times the load induced pressure.

1) At 70% of pressure setting

2) Only external seals for 10 valves

## Characteristic curve

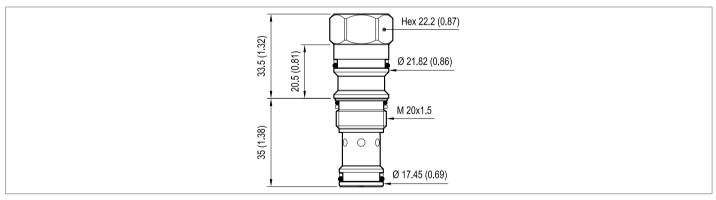




#### **Preferred types**

Туре	Material number	Туре	Material number
045237032023000	R930051031		

#### Dimensions



#### Bosch Rexroth Oil Control S.p.A.

Via Leonardo da Vinci 5 P.O. Box no. 5 41015 Nonantola – Modena, Italy Tel. +39 059 887 611 Fax +39 059 547 848 compact-hydraulics-cv@boschrexroth.com www.boschrexroth.com/compacthydraulics © This document, as well as the data, specifications and other information set forth in it, are the exclusive property of Bosch Rexroth Oil Control S.p.a.. It may not be reproduced or given to third parties without its consent. The data specified above only serve to describe the product. No statements concerning a certain condition or suitability for a certain application can be derived from our information. The information given does not release the user from the obligation of own judgment and verification. It must be remembered that our products are subject to a natural process of wear and aging. Subject to change.