

# VERTICAL SERIES

**Input shaft detail**  
Scale 1:1

**O-ring and Lip seal detail**  
Scale 1:1

**O-ring on Top Plate detail**  
Scale 1:1

**Mechanical stop**

**M12 (x8) Equally spaced**

**M10 (x2)**

**Reference**

>1200	±1.2
>400.0 - 1200	±0.8
>120.0 - 400.0	±0.5
>30.0 - 120.0	±0.3
>6.0 - 30.0	±0.2
>3.0 - 6.0	±0.1
>0.3 - 3.0	±0.1
Unlimited	Unlimited

Range of sizes

**SHAFT: Ø 25MM KEYS SHAFT**

**NOTE: THIS SLEWING DRIVE IS ONLY ABLE TO TURN 120° DUE TO THE MECHANICAL STOP ON THE UPPER PART OF THE DRIVE**

**MAIN PERFORMANCE PARAMETERS**

GEAR RATIO	40:1	HOLDING TORQUE	34KNM
EFFICIENCY	40% ±5%	TILTING MOMENT	7KNM
SELF-LOCKING GEAR	YES	RADIAL STATIC LOAD	54KN
BACKLASH CLEARANCE	< 0,20°	AXIAL STATIC LOAD	1 08KN
MAXIMUM TORQUE	9,600NM	RADIAL DYNAMIC LOAD	49KN
NOMINAL TORQUE	7,000NM	AXIAL DYNAMIC LOAD	98KN

**NOTES:** ALL SLEW DRIVES ARE PRE-LUBRICATED. MAXIMUM OUTPUT SPEED: 1RPM.  
ALL SURFACES DROMET TREATED. STANDARD PAINT FOR CORROSION CATEGORY CS3M1 - GREY RAL 7040

**LIMITING LOAD DIAGRAM**

**LIMITING LOAD DIAGRAM**

**Reference**

>1200	±1.2
>400.0 - 1200	±0.8
>120.0 - 400.0	±0.5
>30.0 - 120.0	±0.3
>6.0 - 30.0	±0.2
>3.0 - 6.0	±0.1
>0.3 - 3.0	±0.1
Unlimited	Unlimited

Range of sizes

**Reference**

>1200	±1.2
>400.0 - 1200	±0.8
>120.0 - 400.0	±0.5
>30.0 - 120.0	±0.3
>6.0 - 30.0	±0.2
>3.0 - 6.0	±0.1
>0.3 - 3.0	±0.1
Unlimited	Unlimited

Range of sizes

**TGB GROUP**  
info@tgbgroup.es  
www.tgbgroup.es

**TVR200-Z17-RM**

**Reference**

Denomination	TVR200-Z17-RM
Units: mm	
MATERIAL:	
SCALE:	1:4
WEIGHT [kg]:	38.80
SIZE:	A3
NUM. PIECES:	1
SHEET:	1 of 1

This information contained in this document is property of TGB group. It is not to be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of TGB group reserves all rights of manufacturer without previous notice and duty of communication.

**Units: mm**

**SALES DRAWING**

**REV**

Rev	A
-----	---