

## TECHNICAL SPECIFICATIONS

Date: 19/07/2022  
N°: ST02213  
Pg.: 1/4  
Issued: Mazzoleni C.

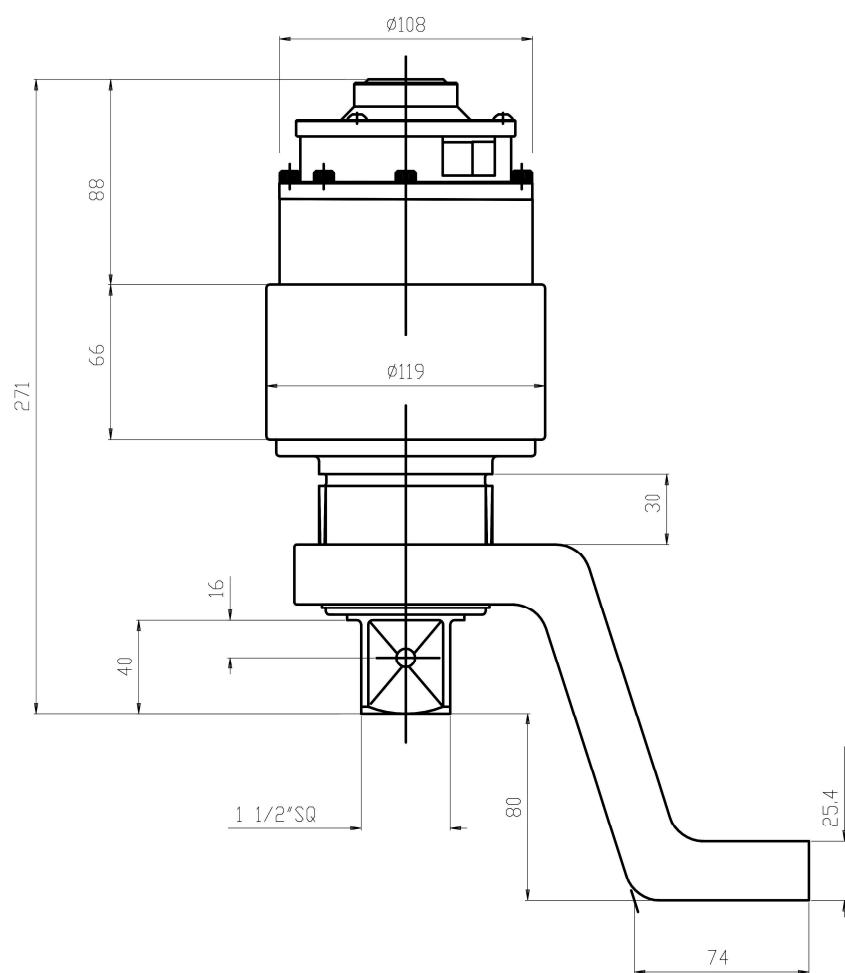
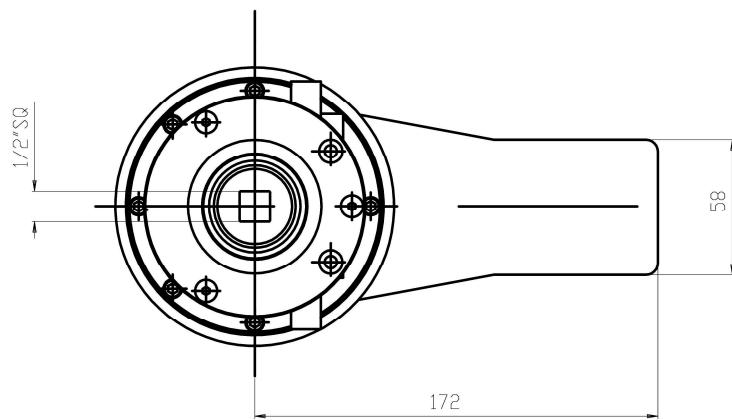
**Reference Item:** 564-3R/VA

**Reference Standard:**

**Description:** Torque multipliers for right-hand and left-hand tightening ratio 27:1 with anti-wind up system, in case 562VV-A

**Rev.:** **Description:**





<b>Material:</b>	Body	36 Mn5
	Male Square	40 NiCrMo6
	Female Square	20 Mn5
	Reaction Plate	36 Mn4

**Chemical Composition**

C	Si	Mn	P	S	Cr	Cu	V

<b>Heat Treatment:</b>	Body	Hardening - Tempering
	Male Square	Hardening - Tempering
	Female Square	Hardening - Tempering
	Reaction Plate	Hardening - Tempering

<b>Hardness:</b>	Body	HRC. 27 ÷ 29
	Male Square	HRC. 42 ÷ 43
	Female Square	HRC. 60 ÷ 62
	Reaction Plate	HRC. 48 ÷ 49

<b>Finishing:</b>	Body	Chrome-Plated
	Reaction Plate	Black Varnished

<b>Marking:</b>	Laser
-----------------	-------

<b>Manufacture:</b>	Die-casting + Machining
---------------------	-------------------------

**Technical Features :** The torque multipliers, Beta items 564-3R/VA and 564-4R/VA, allow extremely high driving torques to be achieved, e.g. in ship, aeronautics, oil & gas and industrial vehicle industries as well as in heavy industry.

Specifications:

- 1/2" female input drive
- Output drive with 1" male drive for item 564-3R/VA and 1"1/2 male drive for item 564-4R/VA
- Torque multiplier ratio: 27:1
- With anti-wind up system
- Maximum tightening torque: 564-3R/VA 3000 Nm (= max. 111 Nm, input torque); 564-4R/VA 6000 Nm (= max. 222 Nm, input torque)

564/3RVA :

Operates between

300.0 – 3000.0 Nm.

Ibf.ft	220.0 – 2200.0 lbf ft
Accuracy	+/- 4 %
Multiplication Ratio	27 : 1
Output Square	1"
Input Square	1/2"
Weight	12,7 kg