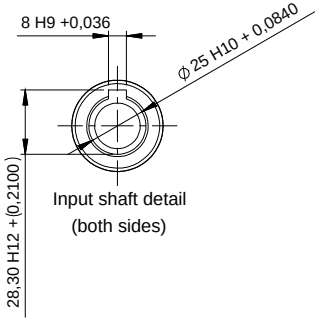
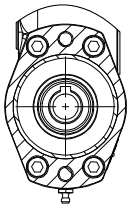
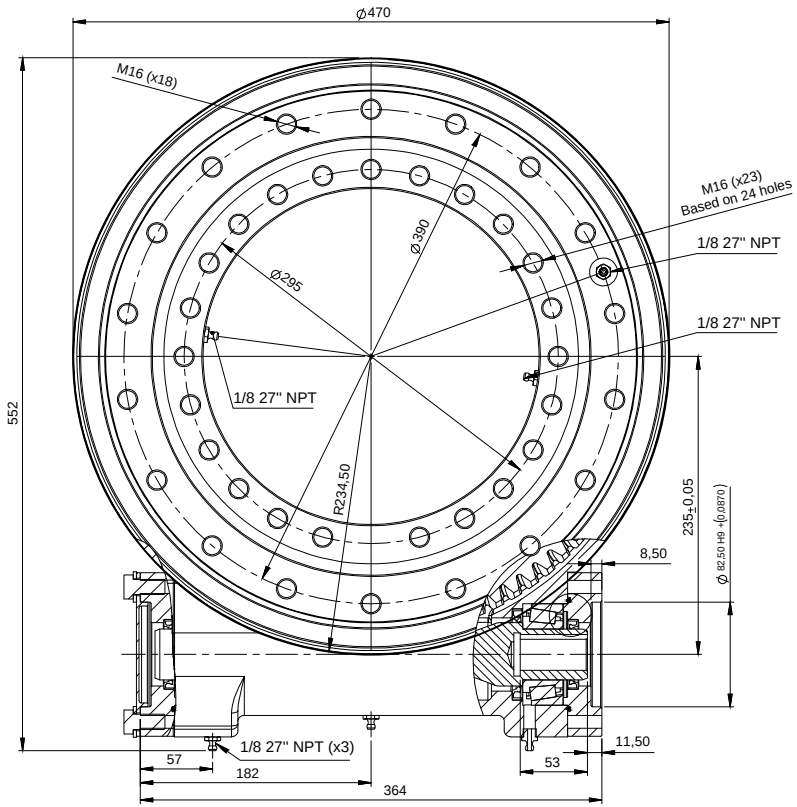
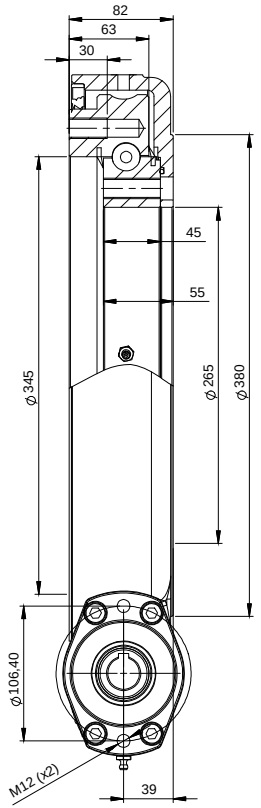
1	2	3	4
CH. 0.75x45° All over	All dimensions are in mm	If in doubt,please ask	Remove sharp corners




Output shaft detail
Scale 1:3
(Same configuration as Input shaft)





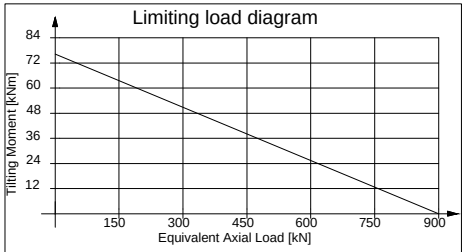
Note: Mínimum input torque: 10Nm

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Main performance parameters

Gear Ratio	85:1	Holding torque	39kNm
Efficiency	40%	Tilting moment	75kNm
Self-locking gear	Yes	Radial static load	338kN
Backlash clearance	<0,17°	Axial static load	905kN
Maximum torque	12.308Nm	Radial dinamic load	157kN
Nominal torque	10.200Nm	Axial dinamic load	183kN

Notes: All slew drive are pre-lubricated. Maximum output speed 1rpm.



Excellence In Gear Technology

KAVITSU GROUP OF INDUSTRIES

Rev. no.	Revision note	Date	Signature	Checked	Limits

KAVITSU EAGLESTATE PRIVATE LIMITED,SATARA

Customer-Standard				Issued to -	
Designed by	Checked by	Approved by - date	Date	Material	Weight
ARS	KVP	VGP	15.01.2022	C45	@77 Kgs.

Model Description	Layout no.	Qty. - 01 nos.	
SD-114-22.225-0345-FF	KRPL-SD-010	Edition 0	Sheet 1/1

\\Kavitsu-nas\robotronix\ROBOTRONIX\KAVITSU ROBOTRONIX-DESIGN\2025\PRODUCTION\WORM PROD.dwg, 05-04-2025 13:33:20, DWG To PDF.pc3