FARO SpA, moderna realtà industriale è lieta di presentare nel seguente catalogo la gamma produttiva di cuscinetti a rulli cilindrici per supporti di cilindri ondulatori destinati ai più noti tipi di macchine che producono cartone ondulato.

Nel corso degli ultimi anni l'evoluzione tecnologica di queste macchine ha posto alla **FARO** la necessità di rivedere i concetti progettuali e costruttivi dando luogo ad un restyling di questi cuscinetti che è già operativo.

Alla disponibilità dei cuscinetti **FARO**, qui di seguito riportati con indicate le dimensioni di ingombro, il valore del giuoco radiale e il riferimento originale del cuscinetto o il tipo di ondulatore, si affianca un servizio di consulenza tecnica in grado di sviluppare nuove soluzioni su richiesta specifica dei clienti.

In the enclosed catalogue, **FARO Spa** of Italy shows the updated production range of its line of cylindrical roller bearings for corrugating rolls, suitable to be fitted in the most common corrugator types.

Recent technical developments for this kind of machines has induced **FARO** to undertake a complete redesign of these bearings to meet and satisfy the new end-users requirements.

In addition to the informations included in this catalogue, **FARO** technical dept. is available to study tailormade solutions upon request.

FARO SPA, industrie de pointe, est heureuse de vous présenter dans ce catalogue sa gamme de roulements à rouleaux cylindriques, destinés aux onduleuses et notamment aux plus performantes.

Durant ces dernières annés l'évolution technologique de ces machines a incité **FARO** à revoir l'idée de project et de fabrication afin d'optimiser la fiabilitè et le concept de ces roulements déjà opérationnels.

Vous trouverez de suite la disponibilité des roulements **FARO**, la valeur du jeu radial ainsi que la rèfèrence originale ou le type d'onduleuse.

Nous proposons également un service d'avis d'expert technique afin de développer de nouvelles solutions pour toutes demandes spécifiques.

FARO AG, in ihrer Eigenschaft als moderne industrielle Produktionsstätte, freut sich hiermit, ihre Angebotspalette an Zylinderrollenlager fuer Unterlagen von Wellpappen-Zylinder fuer die handelsüblicheren Wellpappenmaschinen vorzustellen.

In den letzten Jahren hat die technologische Entwicklung dieser Anlagen **FARO** veranlasst, die Projekt- und Konstruktionsgrundlagen zu überprüfen, was zu einer bereits eingesetzten Neugestaltungdieser Lager gefuehrt hat.

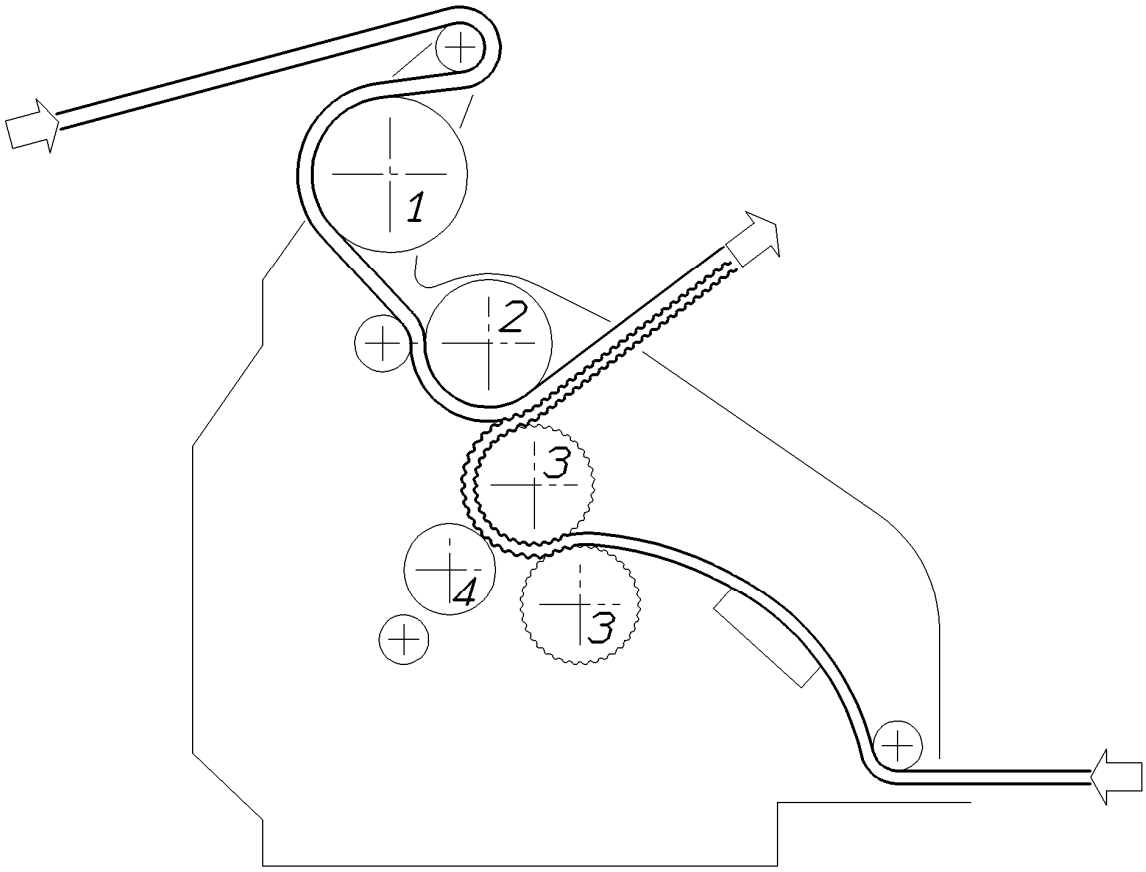
Neben der Lieferfähigkeit der **FARO**-Lager (nachstehend mit Angabe der Ausmassen, des Radialluftwerte und der Originallager-referenznummer bzw. des Maschinentyps angegeben), bietenwir einen technischen Beratungsdienst an, der in der Lage ist, neue Loesungen auf Kundenwunsch zu entwickeln.

ONDULATORE PER CARTONE

CORRUGATOR MACHINE

ONDULEUSE POUR CARTON

WELLPAPPENMASCHINE



1) Preriscaldatore / Pre-conditioner / Prechauffeur / Vorkonditionierer

2) Cilindri di pressione / Pressure roll / rouleaux de Pression / Anpreβwalze

3) Cilindri Ondulatori / Corrugating roll / Roleaux Onduleurs / Riffelwazen

4) Incollatore e Rasatore / Gluesystem / Systeme de Collage et Rasage / Leimwerk

CARATTERISTICHE TECNICHE

MATERIALI

- Anelli in acciaio per cuscinetti secondo UNI 100Cr6 durezza 58 HRC (+2) ; stabilizzazione a 250° C
- Rulli in acciaio per cuscinetti secondo UNI 100 Cr6. durezza 58/65 HRC.
- Gabbia in bronzo o in acciaio

CLASSE DI PRECISIONE

- Secondo ISO P 6 per le dimensioni di ingombro
- Secondo ISO P 5 per la concentricità dell' anello interno

CONTROLLI E CERTIFICAZIONE

- Anelli interni controllo 100% concentricità e rotondità
- Giochi radiali controllo 100%
- Certificazione di controllo allegata al cuscinetto
- Eventuale certificazione materiale e TT su richiesta.

GEOMETRIA DEL CUSCINETTO

Ottimizzazione in funzione di:

- Capacità di carico
- Volumi liberi per lubrificante
- Struttura della gabbia
- Verifica giochi radiali in avviamento e a regime

ENGINEERING DATA

RAW MATERIAL

- Rings made in high quality UNI 100Cr6 chrome steel hardness to be 58 HRC (+2) , heat treated and stabilized to 250° C (480° F)
- Rollers made in high quality UNI 100Cr6 chrome steel , hardness 58/65 HRC
- Machined brass or steel cage

PRECISION

- According to ISO P 6 for boundary dimensions
- According to ISO P 5 for inner ring roundness

CERTIFICATION AND CONTROLS

- Inner rings 100% checked for roundness and concentricity (certification enclosed with the product)
- Radial internal clearance 100% checked
- Raw material and heat treatment certifications upon request

BEARING GEOMETRY

Design optimization based upon :

- Load carrying capacity
- Free volume needed for lubrication
- Cage design
- Radial clearance values for start-up and working conditions

CARACTERISTIQUES TECHNIQUES

MATERIELS

- Bagues en acier pour roulements selon UNI 100 Cr 6.
  dureté 58 HRC (+2); stabilisation à 250° C.
- Rouleaux en acier pour roulements selon UNI 100 Cr 6.
  dureté 58/65 HRC.
- Cage en bronze massive ou acier.

CLASSE DE PRECISION

- Selon ISO P6 pour les dimensions
- Selon ISO P5 pour la bague intérieure.

CONTROLE ET CERTIFICATION

- Bagues intérieures controlées 100% sur la concentricité et la rotondité
- Jeux radiaux controlés 100%
- Certificat de controle inclus avec chaque serie de roulement
- Eventuelle centificat de matière et de traitement thermique.

GEOMETRIE DU ROULEMENT

Optimisation en fonction de:

- Capacité de charge
- Volume libre pour la graisse
- Structure de la cage
- Vérification des jeux radiaux à froid et à charge.

TECHNISCHE MERKMALE

MATERIAL

- Ringe aus wälzlagerstahl, UNI 100Cr6
  härte 58 HRC (+2), Stabilisierung auf 250° C
- Rollen aus wälzlagerstahl, UNI 100 härte 58 / 65 HRC
- Käfig aus Bronze oder Stahl

GENAUIGKEIT

- ISO P 6 fuer Ausmassen
- ISO P 5 fuer Konzentrizitaet des Innenringes

PRÜFUNG UND ZERTIFIZIERUNG

- Innenringe: 100% - ige Prüfung auf Konzentrizität und Rundheit
- Radialluft: 100% - ige Prüfung
- Prüfprotokoll dem Rollenlager beigefügt
- Warmbehandlung und Materialzertifizierung auf Anfrage

GEOMETRIE DES ROLLENLAGERS

Die Geometrie des Rollenlagers wird hinsichtlich:

- Belastungsfähigkeit,
- Freivolumen fuer Schmiermittel,
- Prüfung der Radialluft beim Anlauf und im Betrib optimiert.

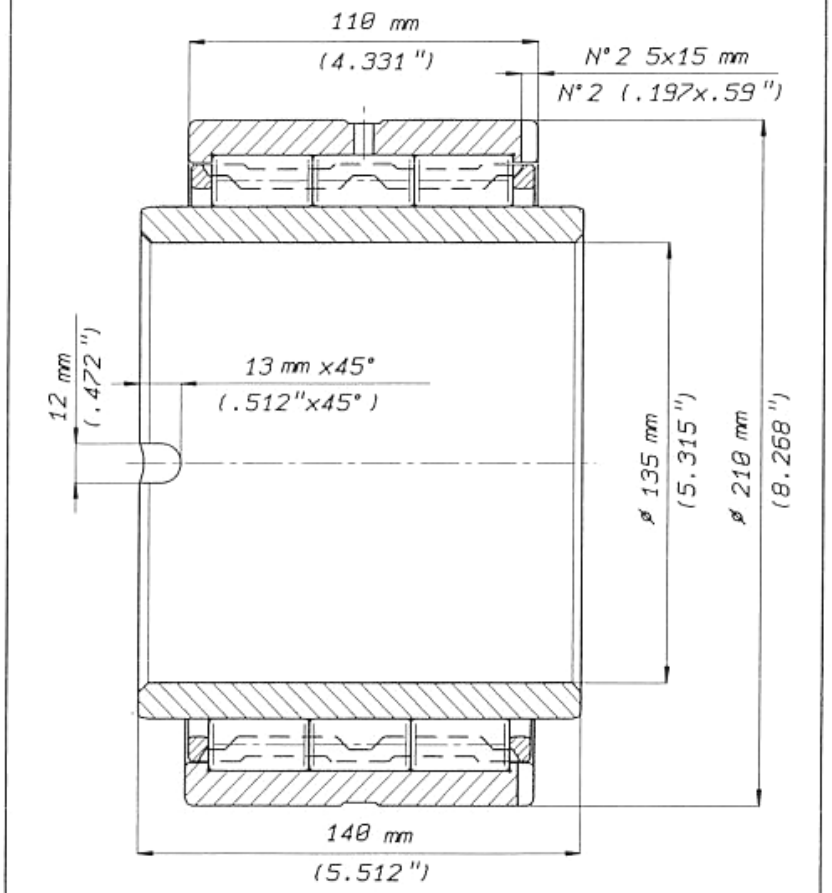
INDEX

** GREASE LUBRICATED*

INDEX

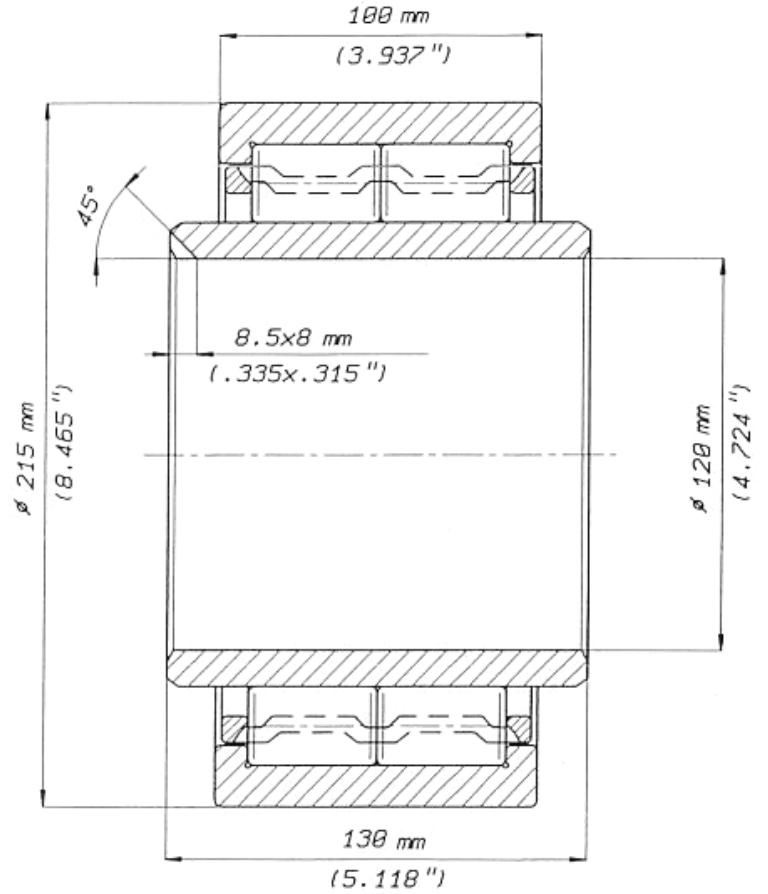
**** GREASE LUBRICATED***

Corrugator Model	Martin 260



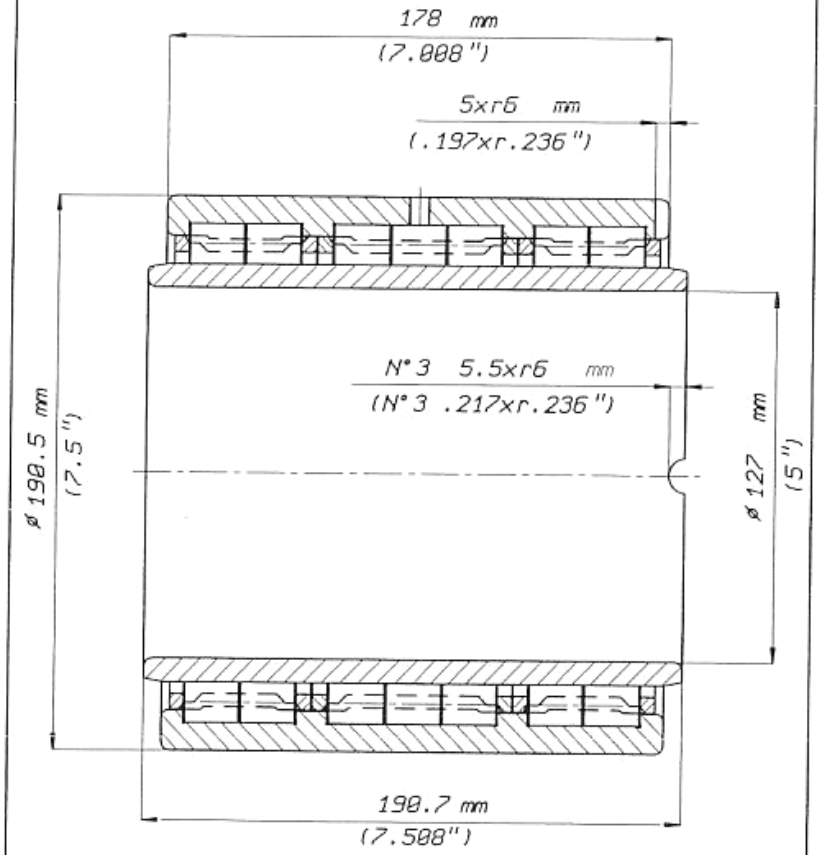
FARO part number	Internal Clearance
2.0009/A	0.320/0.350 mm (0.0126/0.0138")

Corrugator Model	Martin 188



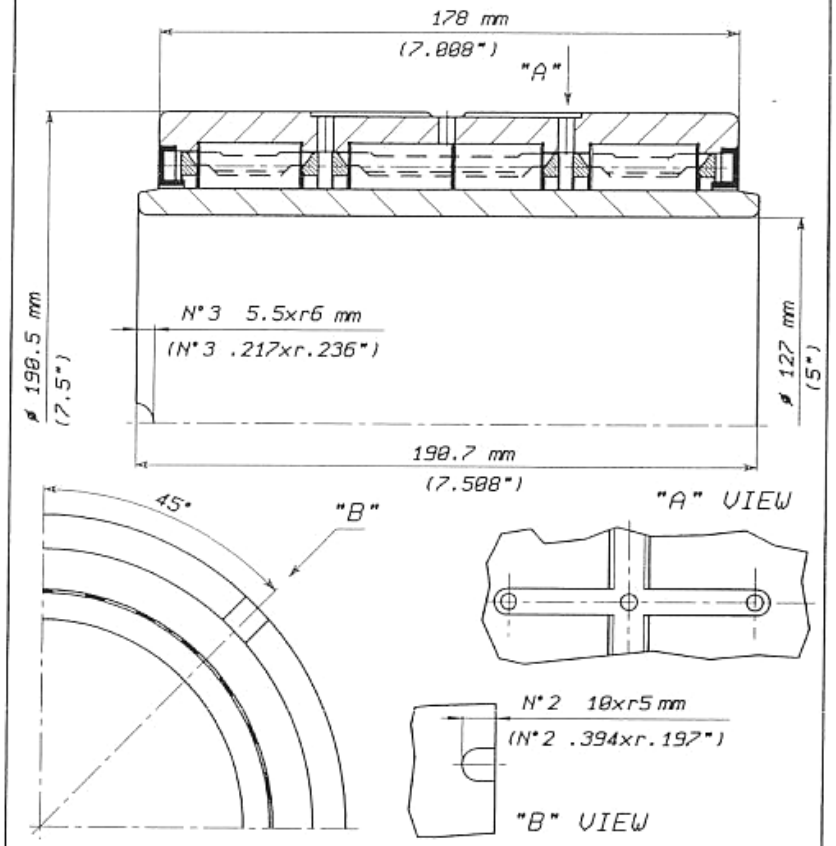
FARO part number	Internal Clearance
2.0012	0.180/0.220 mm (0.0071/0.0087")

Corrugator Model	Peters EHU



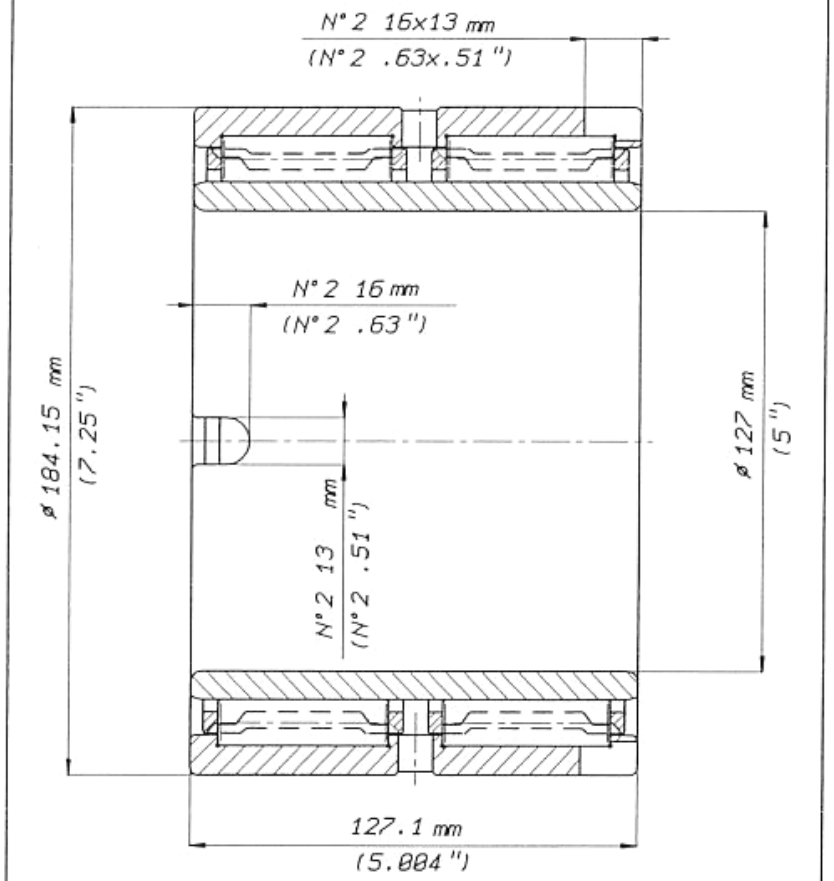
FARO part number	Internal Clearance
2.0045/1	0.265/0.305 mm (0.0104/0.0120")

Corrugator Model	Peters EHU



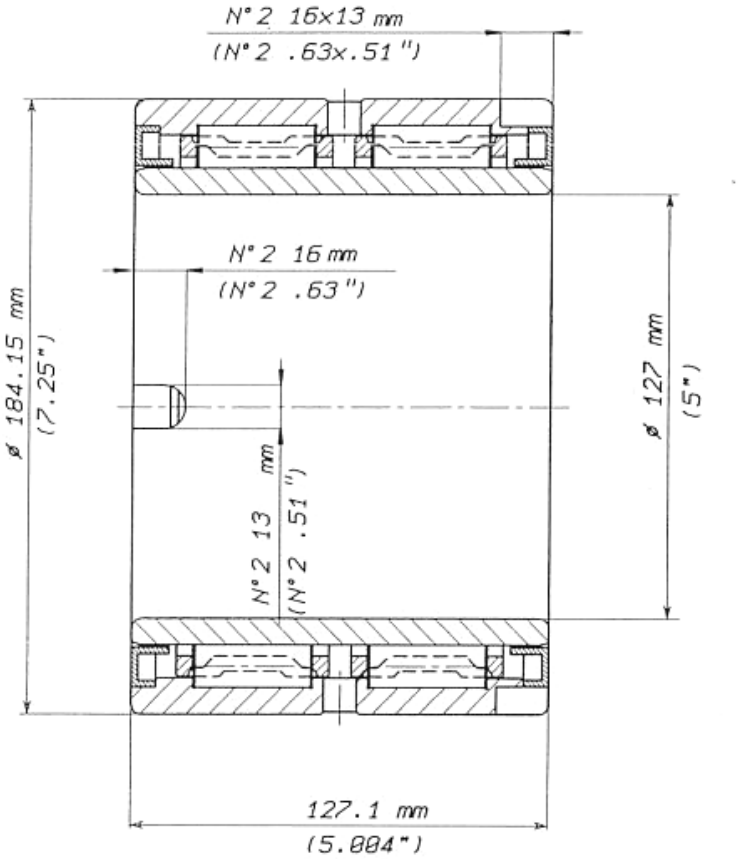
FARO part number	Internal Clearance
2.0045/1 GZZ	0.265/0.305 mm (0.0104/0.0120")

Corrugator Model	Agnati G012
	S & S 2HKD268-A 2HKE268-A



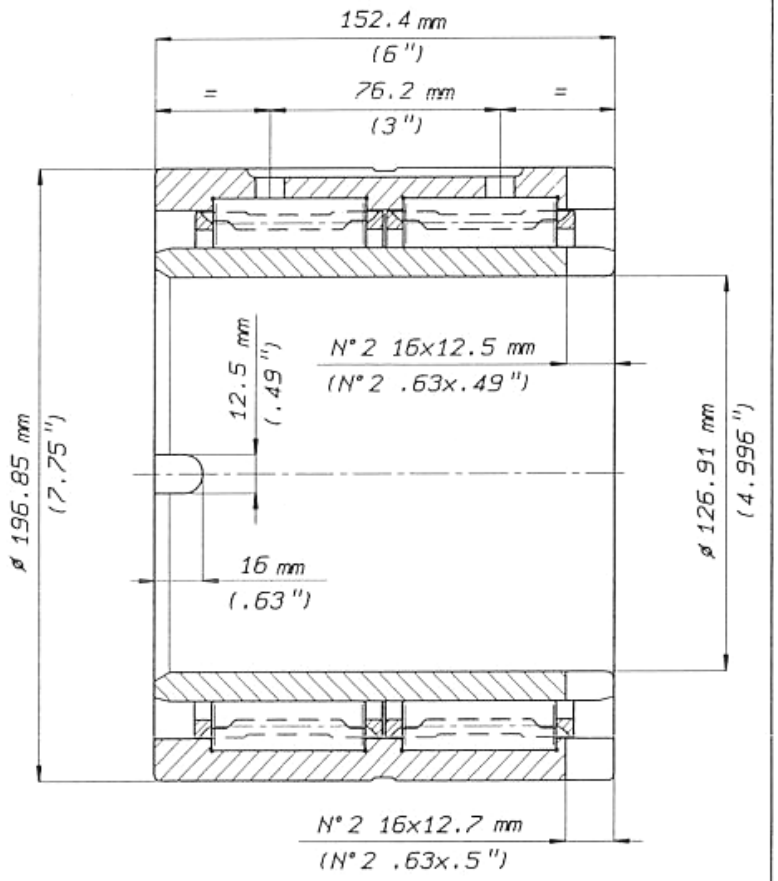
FARO part number	Internal Clearance
2.0046	0.200/0.250 mm (0.0079/0.0098")

Corrugator Model	Agnati G012
	S & S 2HKD268-A 2HKE268-A



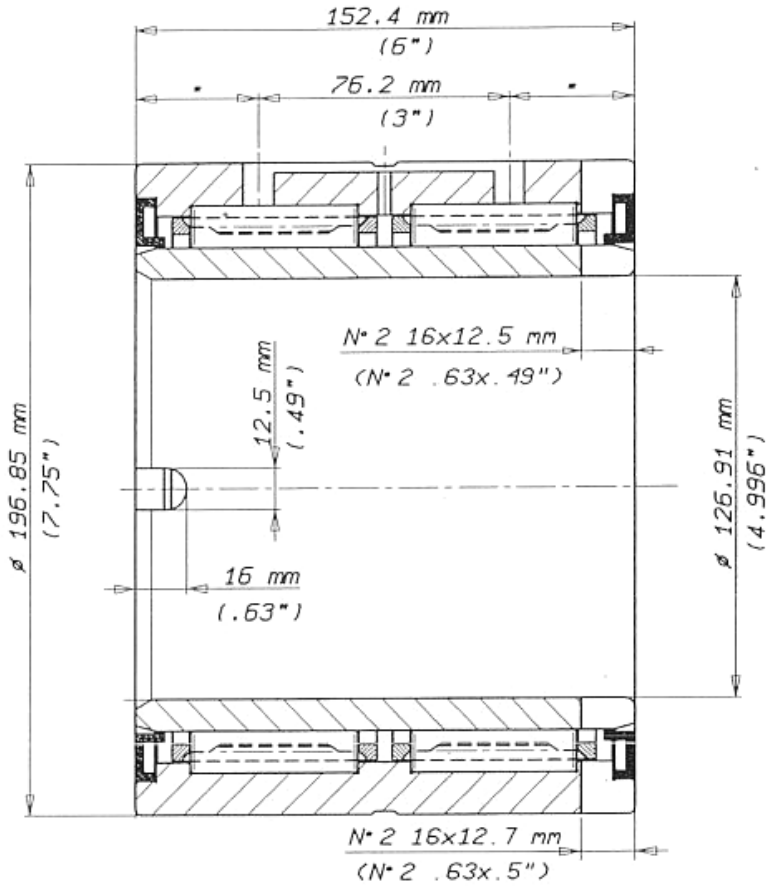
FARO part number	Internal Clearance
2.0046 GZZ	0.250/0.280 mm (0.0098/0.0110")

Corrugator Model	Koppers 200 Simon 245 Medesa 250



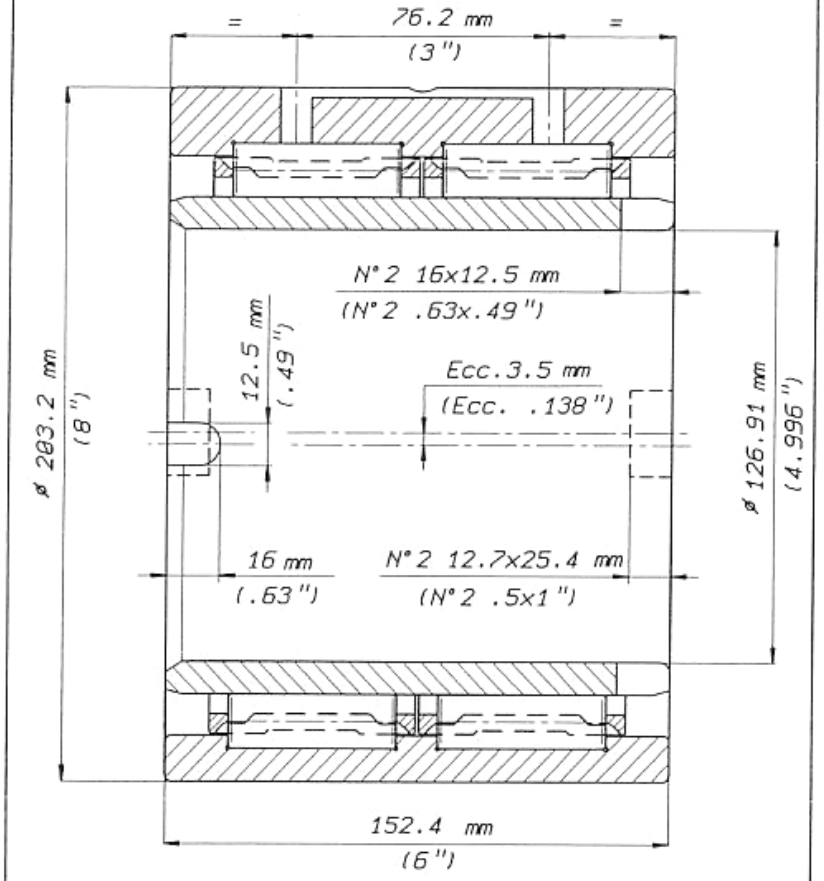
FARO part number	Internal Clearance
2.0199	0.300/0.330 mm (0.0118/0.0130")

Corrugator Model	Koppers 200 Simon 245 Medesa 250



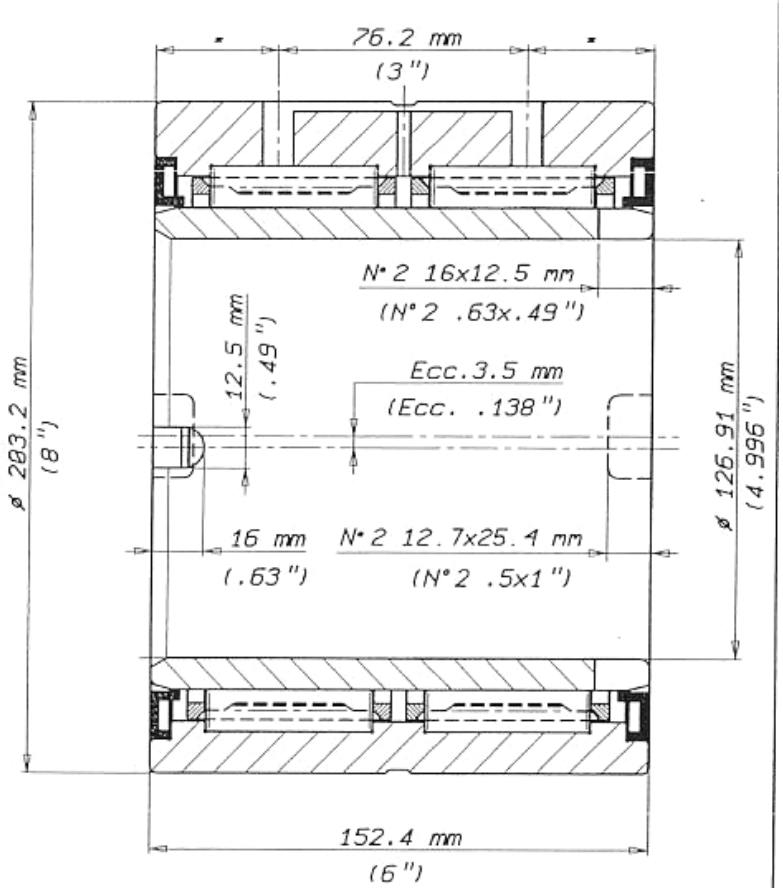
FARO part number	Internal Clearance
2.0199 GZZ	0.280/0.310 mm (0.0110/0.0122")

Corrugator Model	Koppers 200 Simon 245 Medesa 250



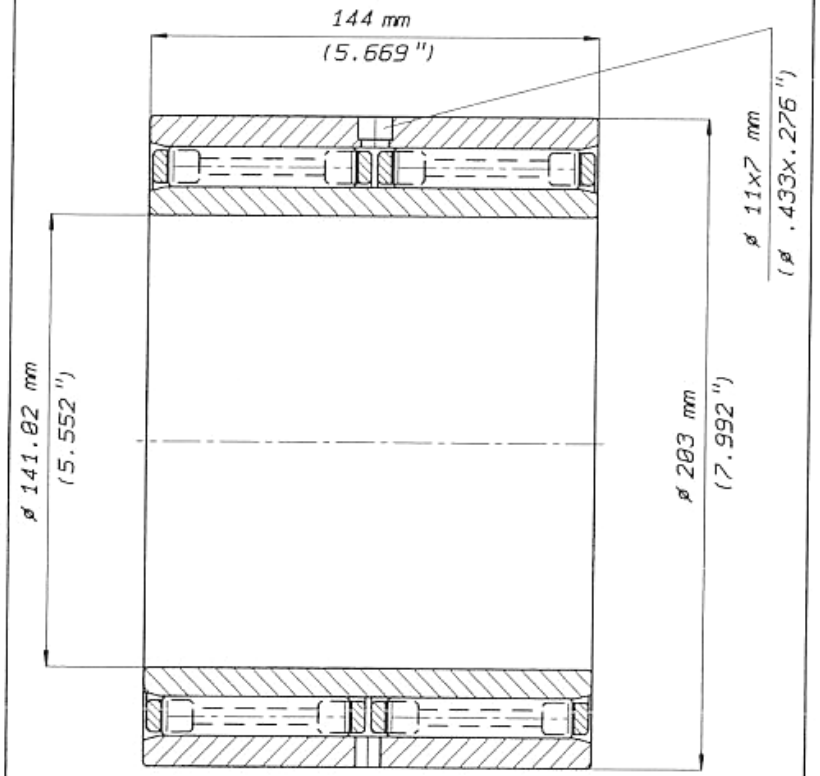
FARO part number	Internal Clearance
2.0200	0.300/0.330 mm (0.0118/0.0130")

Corrugator Model	Koppers 200 Simon 245 Medesa 250



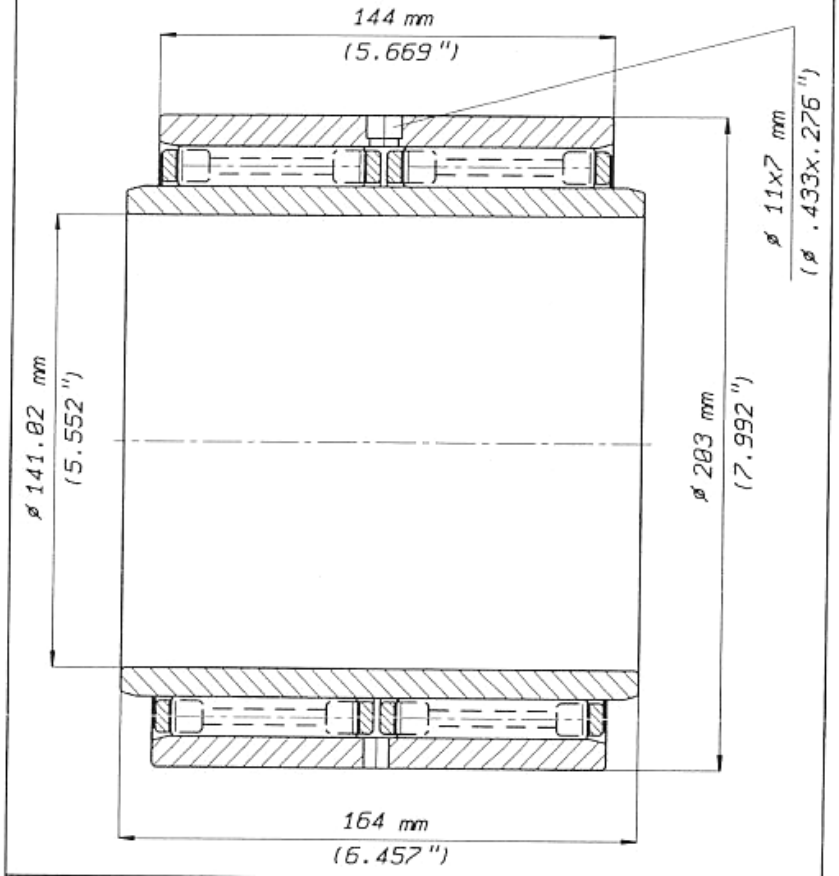
FARO part number	Internal Clearance
2.0200 GZZ	0.280/0.310 mm (0.0110/0.0122")

Corrugator Model	Blondel 3401



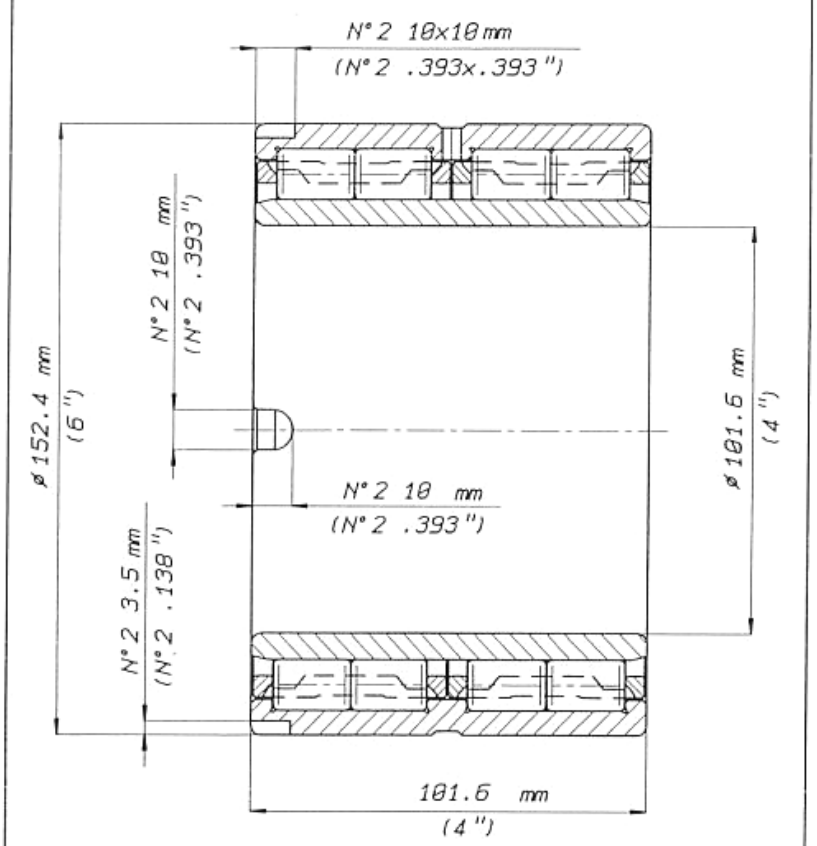
FARO part number	Internal Clearance
2.0206	0.490/0.530 mm (0.0193/0.0209")

Corrugator Model	Blondel 3401



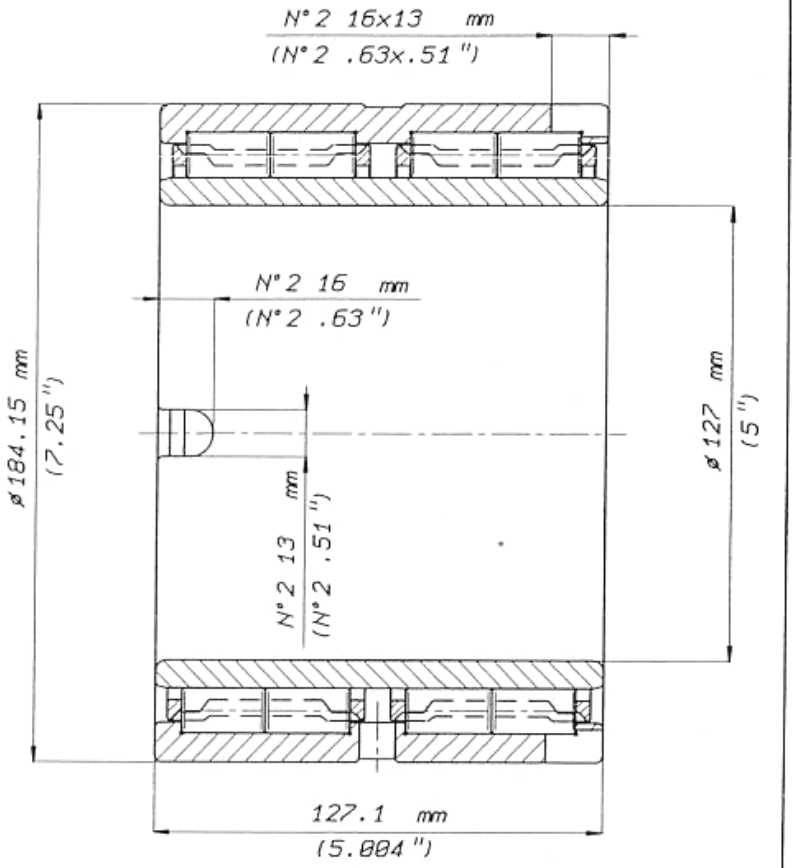
FARO part number	Internal Clearance
2.0206/A	0.490/0.530 mm (0.0193/0.0209")

Corrugator Model	Koppers 200
	Langston XA
	Simon 245
	S & S 2HKA268-A



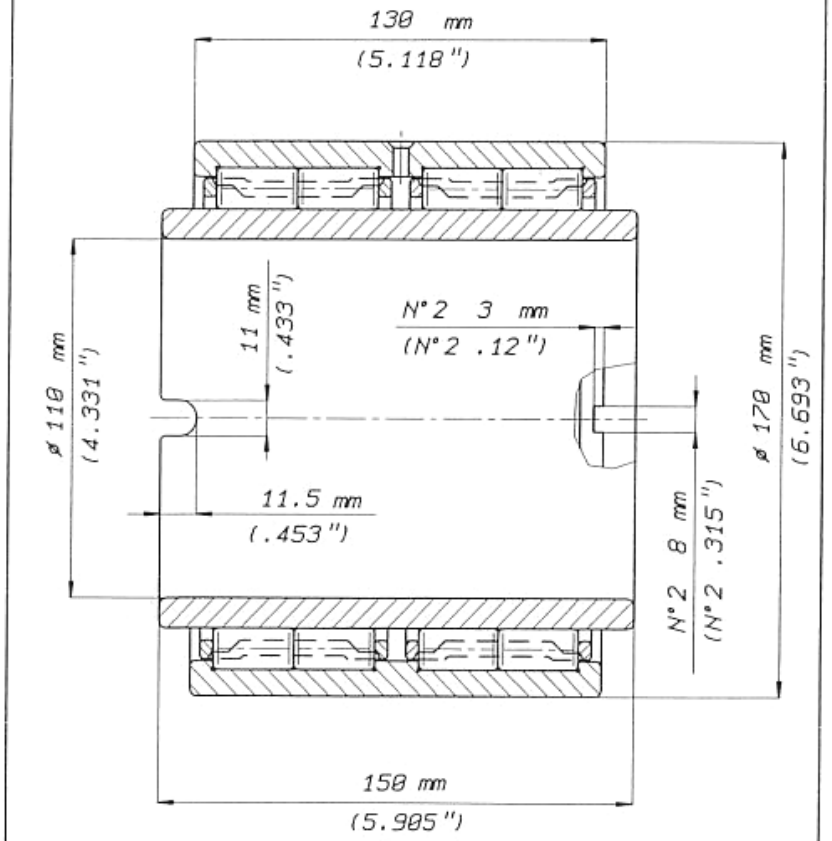
FARO part number	Internal Clearance
2.0256	0.180/0.220 mm (0.0071/0.0087")

Corrugator Model	S & S	2HKD268-A
		2HKE268-A
		293000030-A



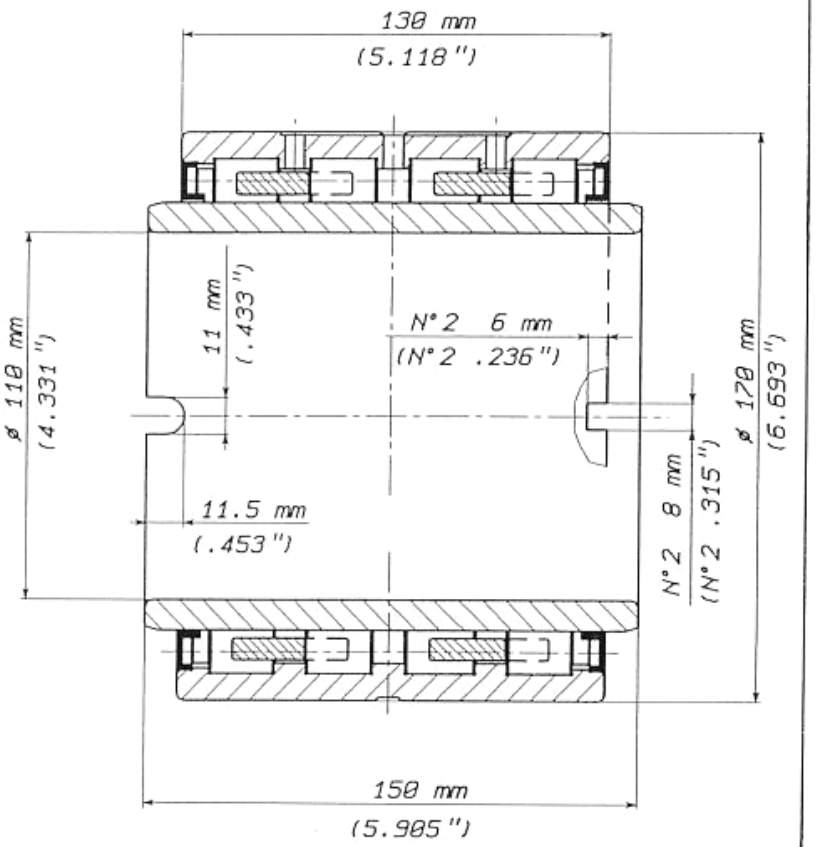
FARO part number	Internal Clearance
2.0328	0.200/0.250 mm (0.0079/0.0098")

Corrugator Model	Massenzana	OC 28 OC 80



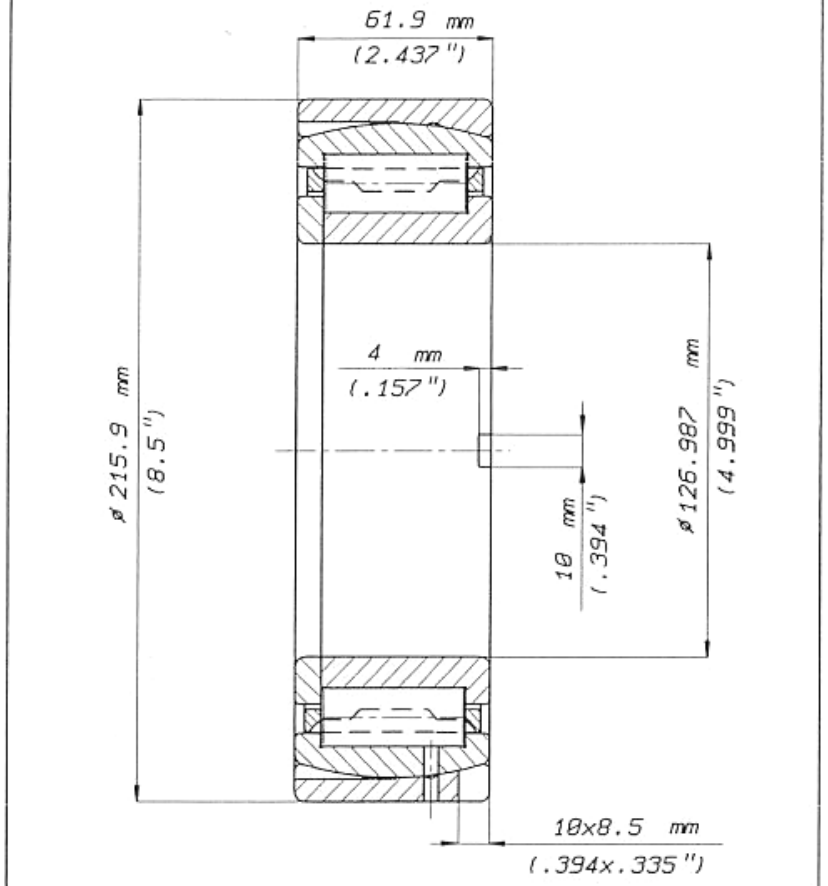
FARO part number	Internal Clearance
2.0433	0.330/0.360 mm (0.0130/0.0142")

Corrugator Model	Massenzana	OC 28 OC 80



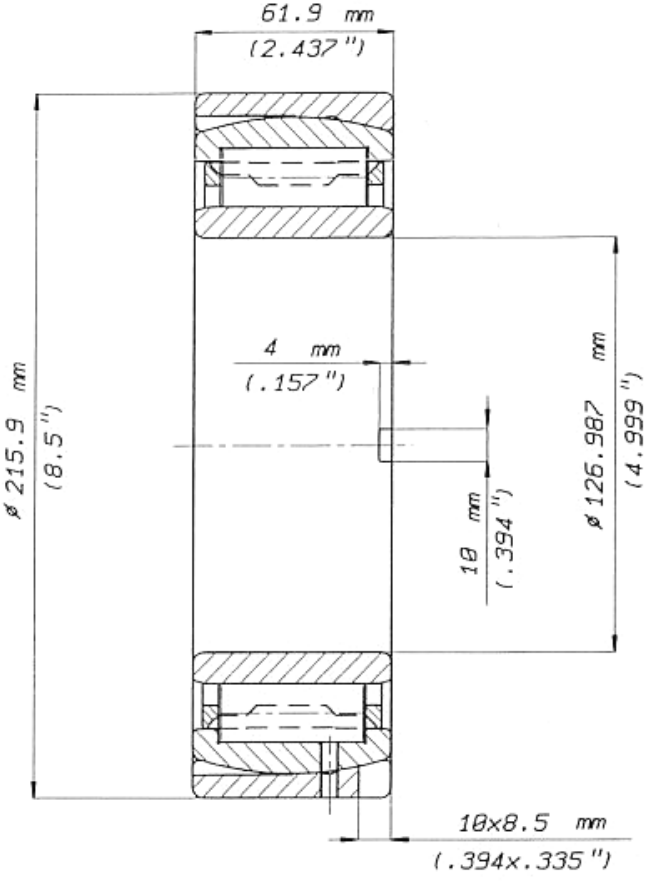
FARO part number	Internal Clearance
2.0433 GZZ	0.280/0.320 mm (0.0110/0.0126")

Corrugator Model	Langston XD/380SF/280
	Peters Compact Star



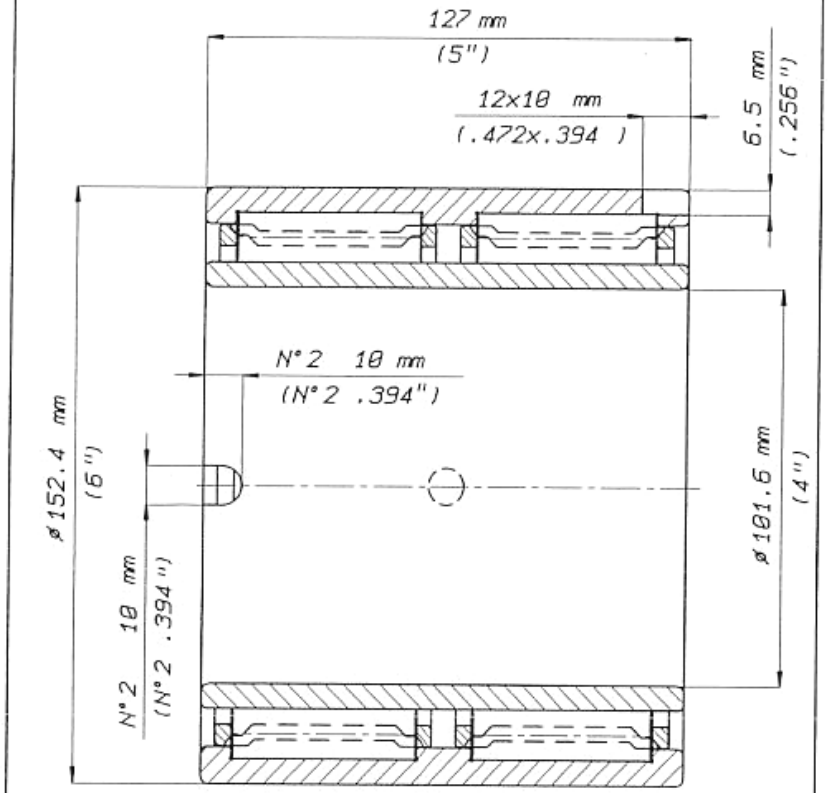
FARO part number	Internal Clearance
2.0501	0.250/0.300 mm (0.0098/0.0118")

Corrugator Model	Langston XD/380SF/280
	Peters Compact Star



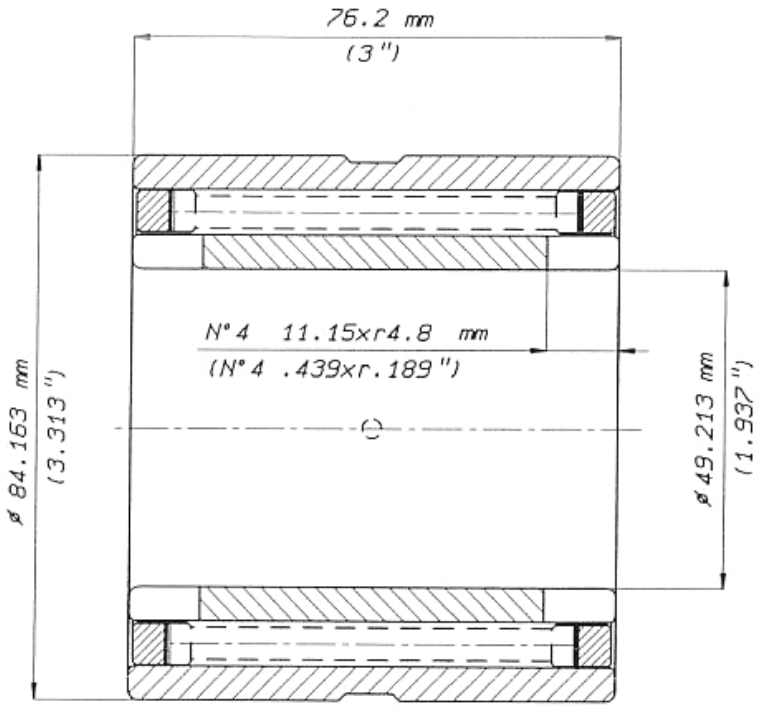
FARO part number	Internal Clearance
2.0502	0.250/0.300 mm (0.0098/0.0118")

Corrugator Model	S & S	2HKD268-A
		2HKE268-A



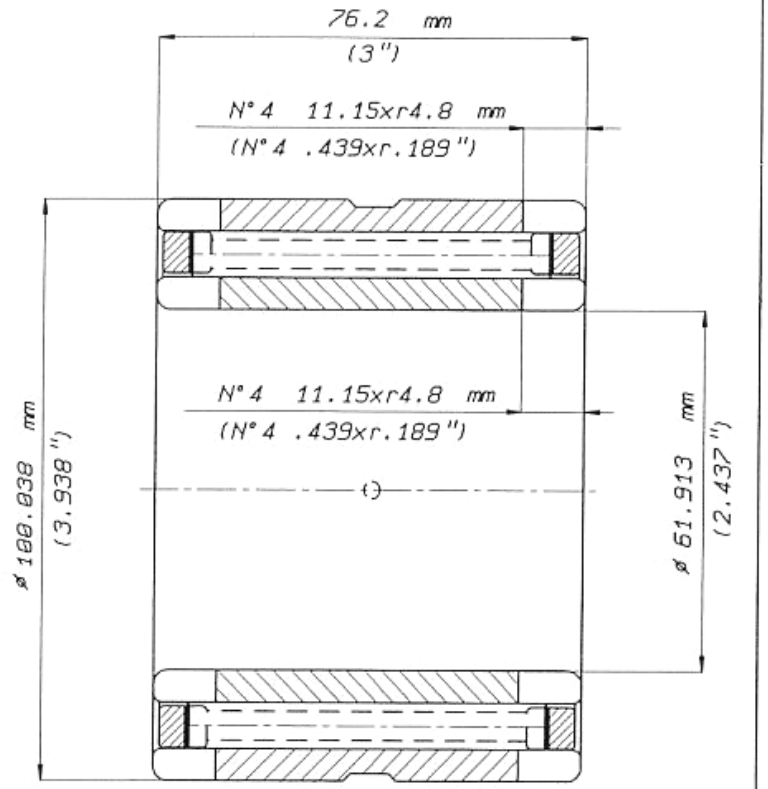
FARO part number	Internal Clearance
2.0099	0.180/0.235 mm (0.0071/0.0093")

Corrugator Model	Simon 245



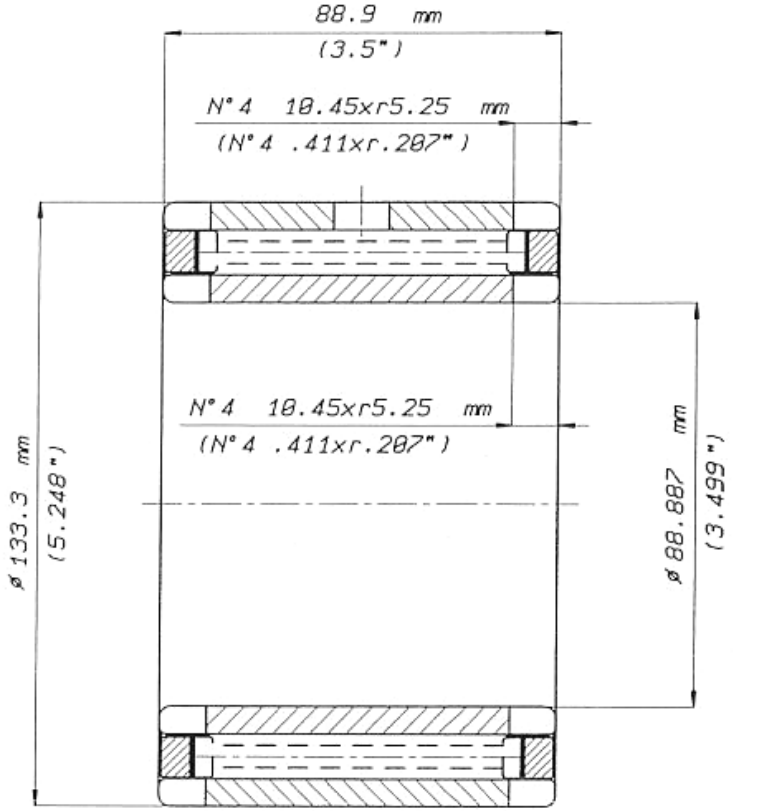
FARO part number	Internal Clearance
2.0986	0.045/0.090 mm (0.0018/0.0035")

Corrugator Model	Simon 245



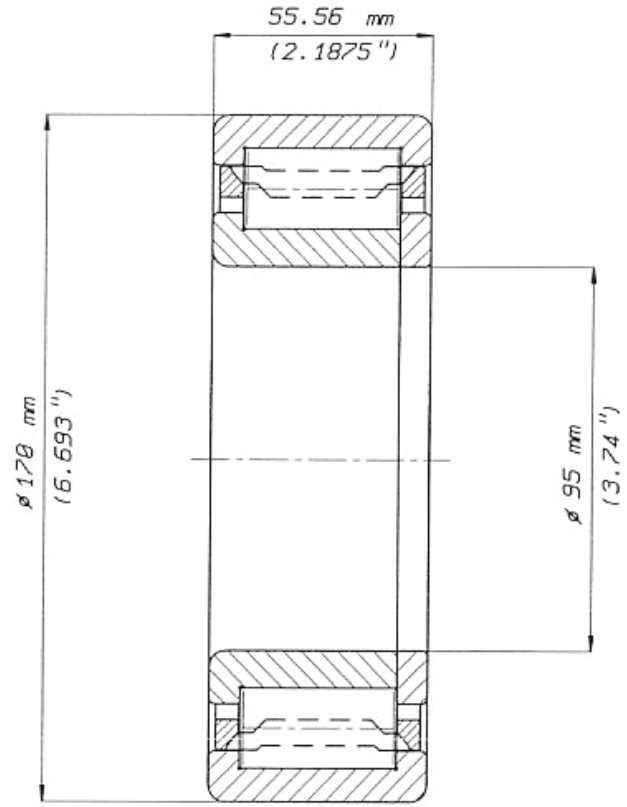
FARO part number	Internal Clearance
2.0995	0.045/0.090 mm (0.0018/0.0035")

Corrugator Model	Simon 245



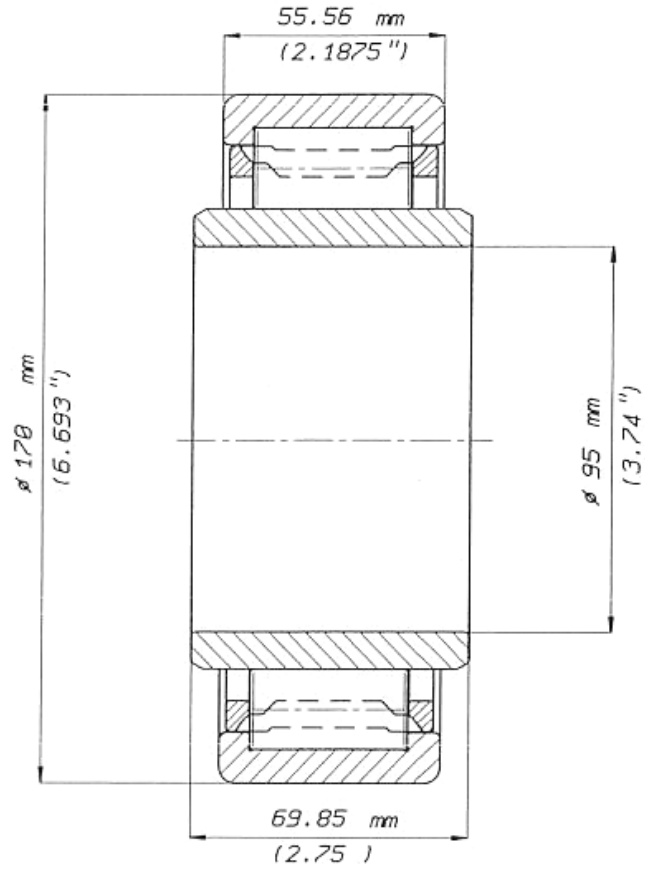
FARO part number	Internal Clearance
2.0996	0.250/0.305 mm (0.0098/0.0120")

Corrugator Model	Langston 101/102



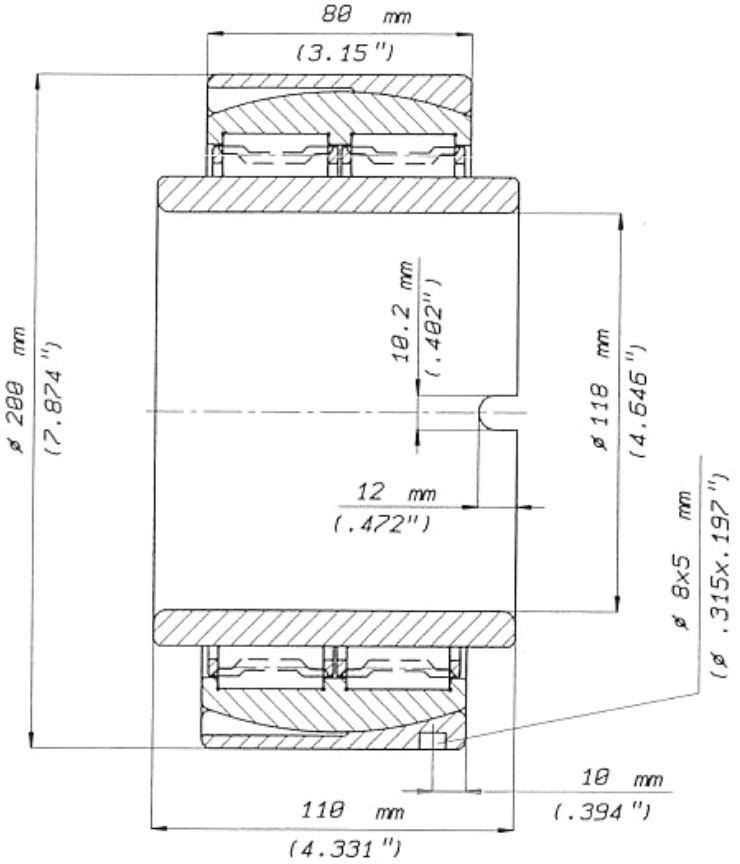
FARO part number	Internal Clearance
2.1247	0.220/0.260 mm (0.0087/0.0102")

Corrugator Model	Langston 101/102



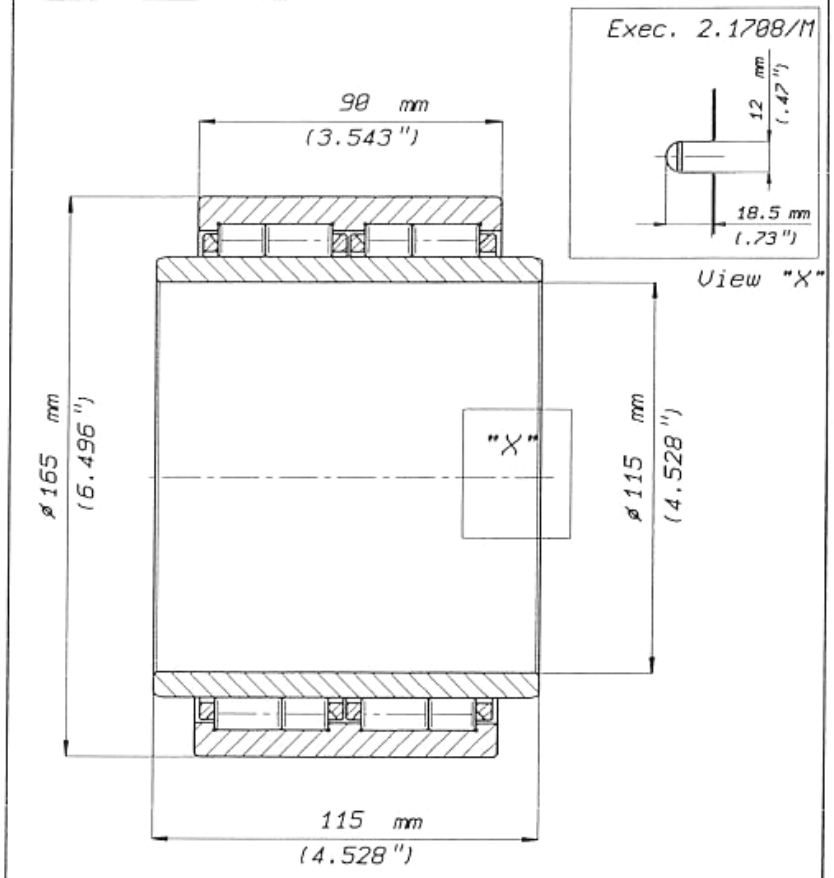
FARO part number	Internal Clearance
2.1248	0.220/0.260 mm (0.0087/0.0102")

Corrugator Model	Massenzana OC 200



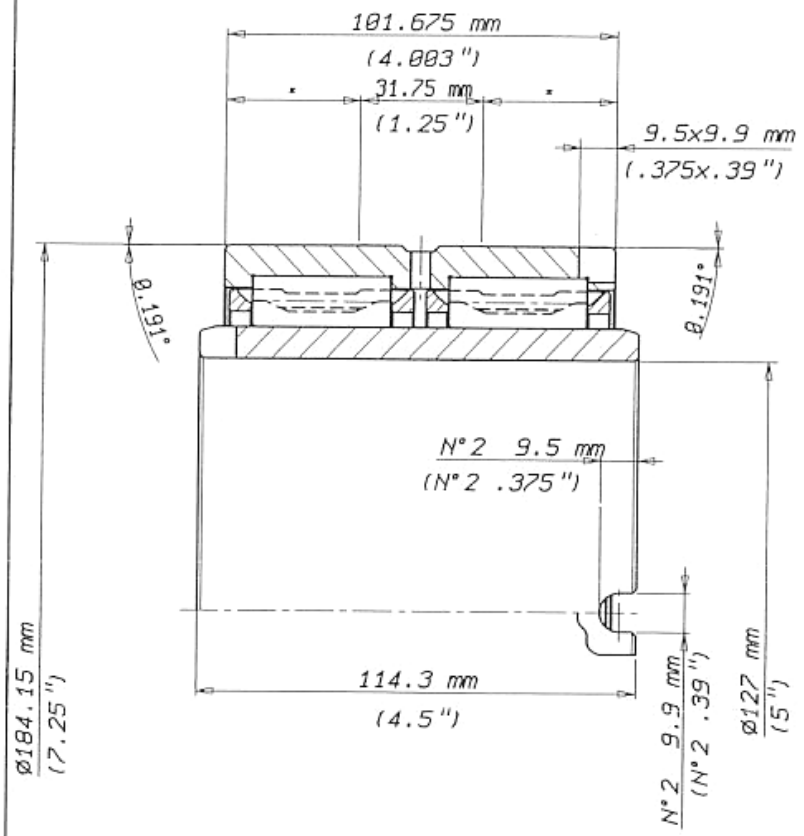
FARO part number	Internal Clearance
2.1259	0.310/0.360 mm (0.0122/0.0142")

Corrugator Model	Peters



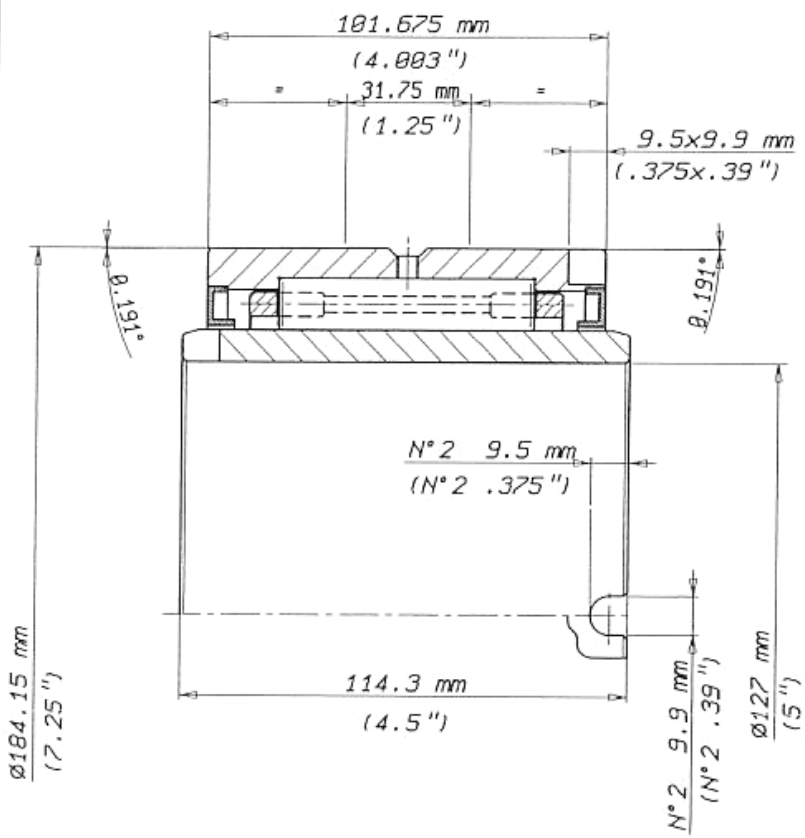
FARO part number	Internal Clearance
2.1708	0.180/0.205 mm (0.0071/0.0081")

Corrugator Model	Langston XD/280
	Peters Compact Star



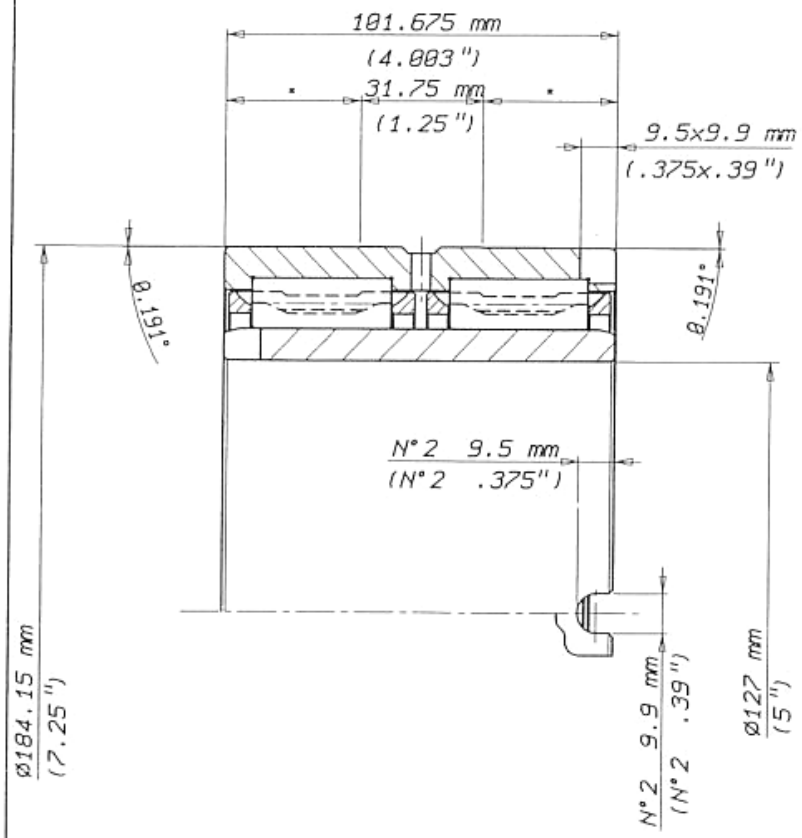
FARO part number	Internal Clearance
2.2000	0.178/0.229 mm (0.0070/0.0090")

Corrugator Model	Langston XD/280
	Peters Compact Star



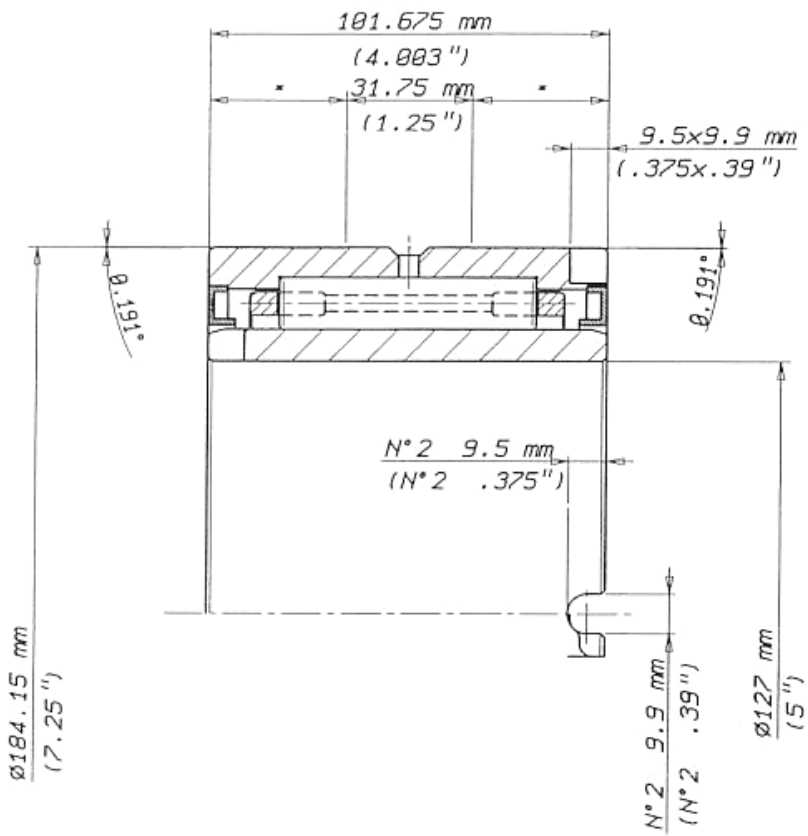
FARO part number	Internal Clearance
2.2000 US GZZ	0.250/0.300 mm (0.0098/0.0118")

Corrugator Model	Langston XD/280
	Peters Compact Star



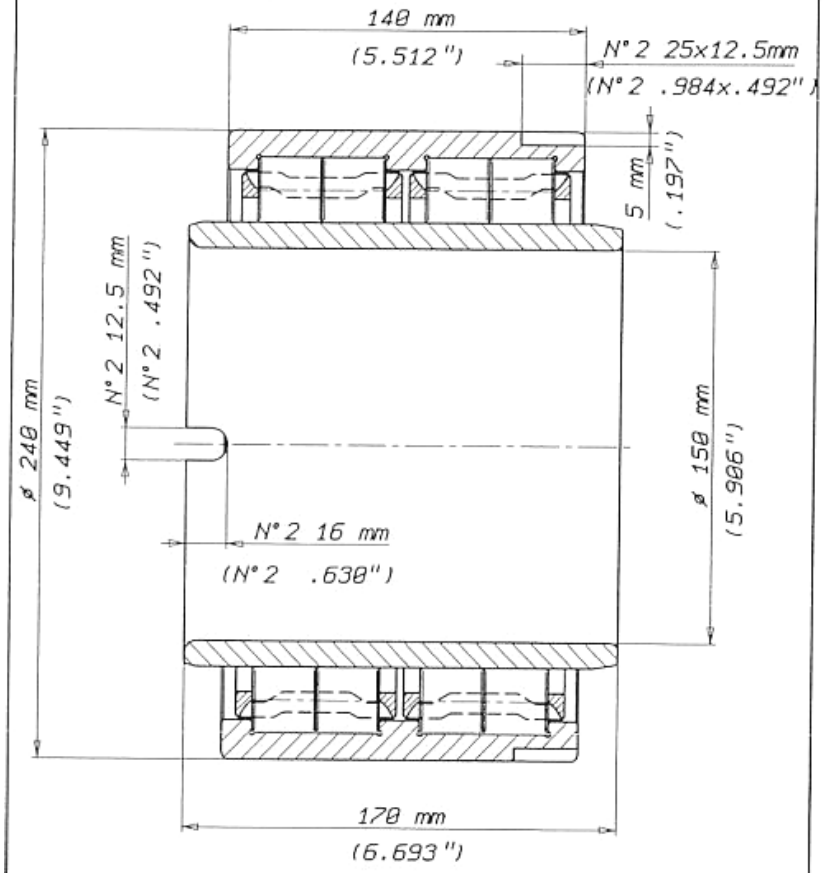
FARO part number	Internal Clearance
2.2001	0.178/0.229 mm (0.0070/0.0090")

Corrugator Model	Langston XD/280
	Peters Compact Star



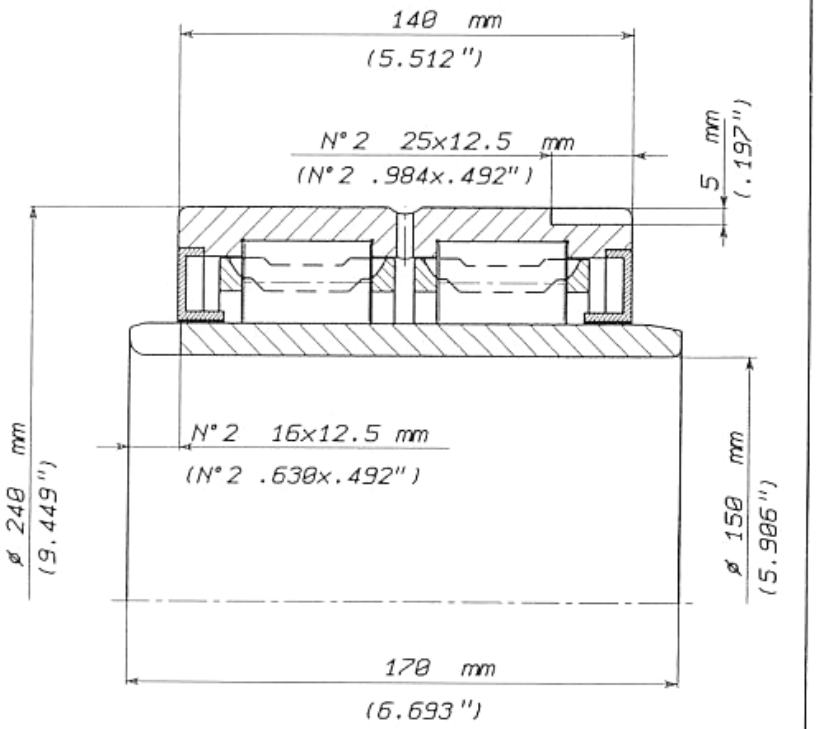
FARO part number	Internal Clearance
2.2001 US GZZ	0.250/0.300 mm (0.0098/0.0118")

Corrugator Model	Simon 300 PSF



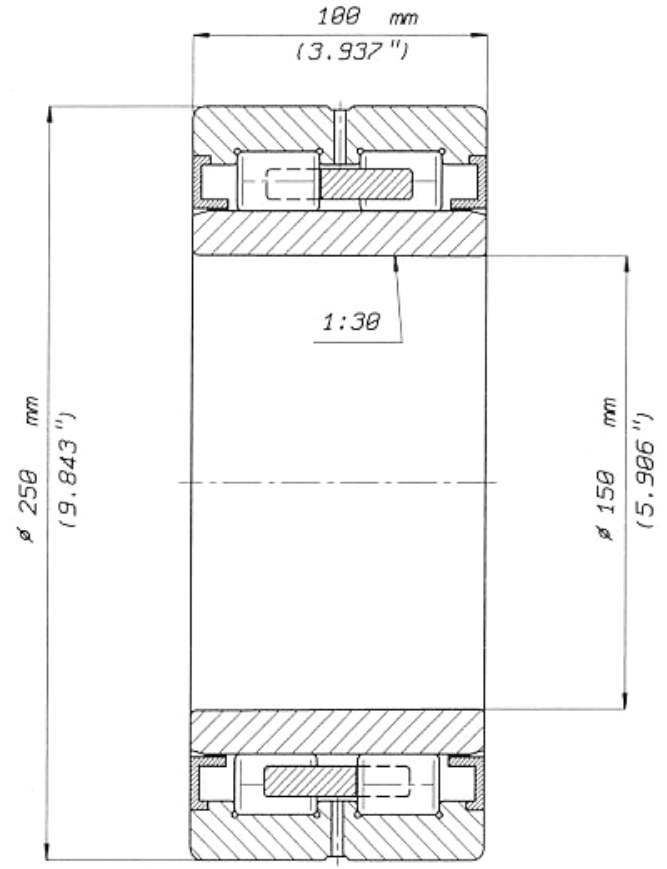
FARO part number	Internal Clearance
2.2002	0.300/0.350 mm (0.0118/0.0138")

Corrugator Model	Simon 300 PSF



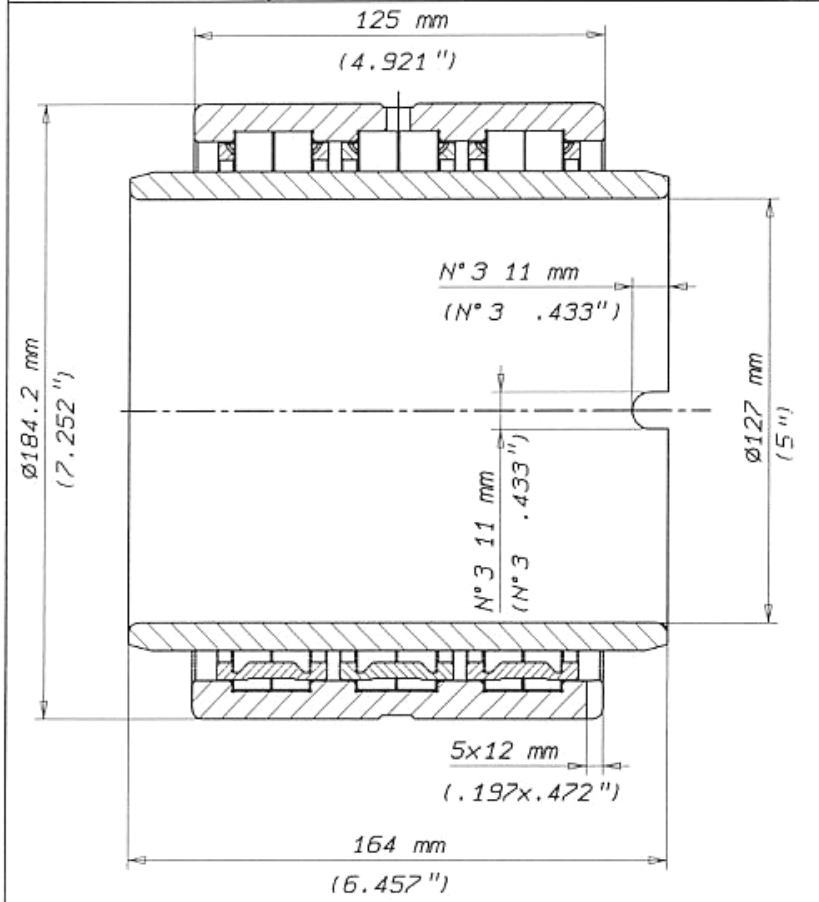
FARO part number	Internal Clearance
2.2002 GZZ	0.300/0.350 mm (0.0118/0.0138")

Corrugator Model	Massenzana OC300 GEM
	TCY



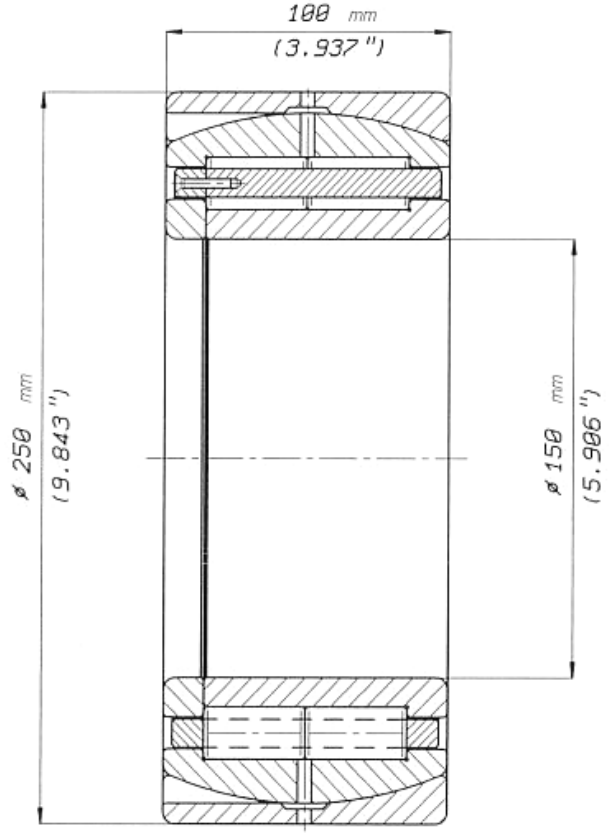
FARO part number	Internal Clearance
2.1899	0.300/0.350 mm (0.0118/0.0138")

Corrugator Model	Peters



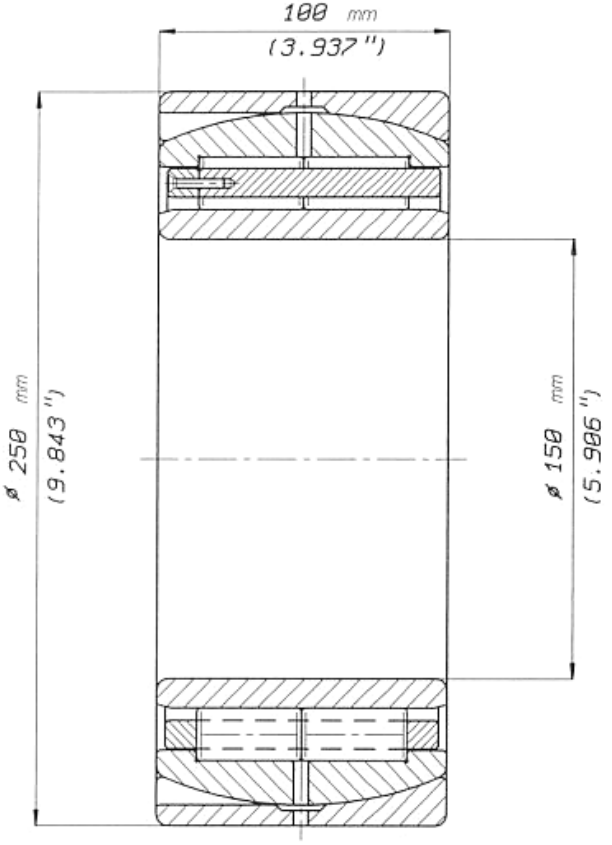
FARO part number	Internal Clearance
2.2003	0.265/0.305 mm (0.0104/0.0120")

Corrugator Model	MHI 50 60 PASER



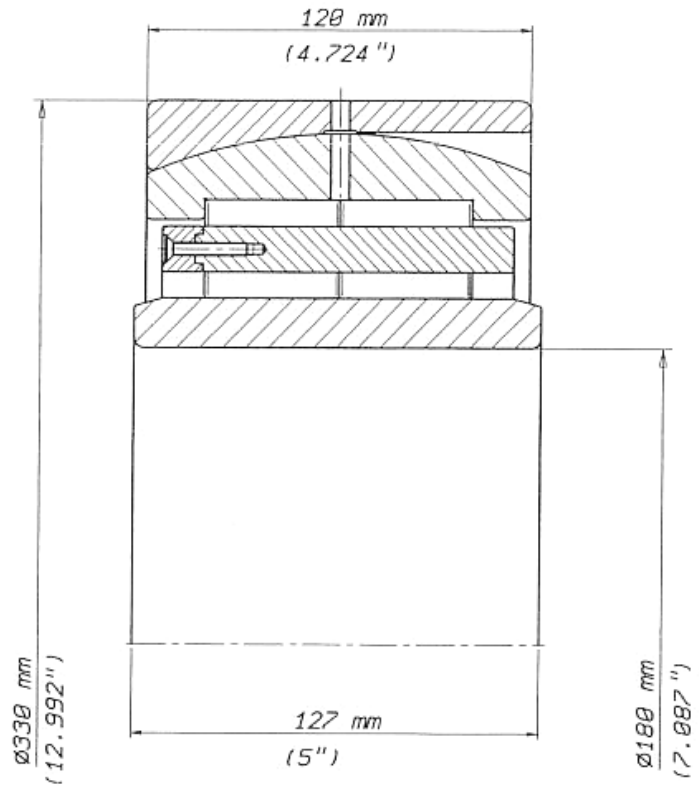
FARO part number	Internal Clearance
2.2004	0.260/0.300 mm (0.0102/0.0118")

Corrugator Model	MHI 50 60 PASER



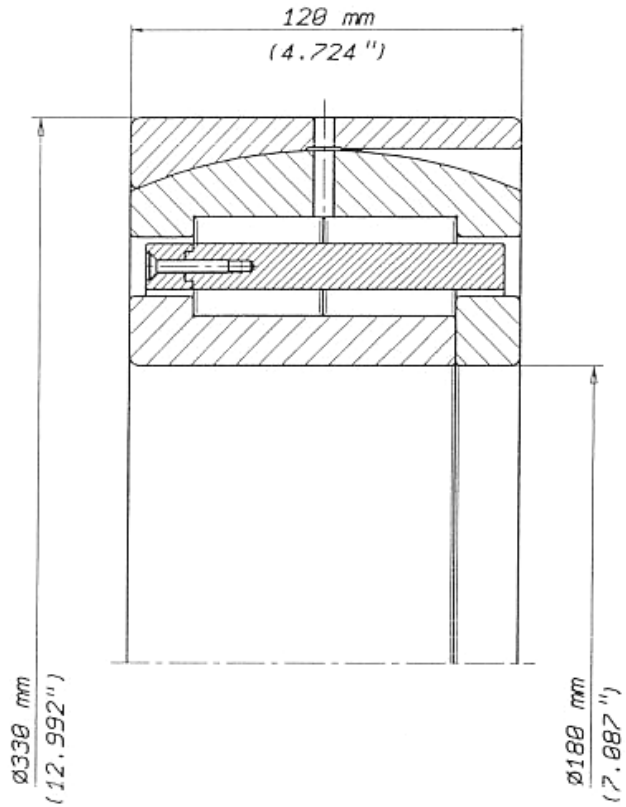
FARO part number	Internal Clearance
2.2005	0.260/0.300 mm (0.0102/0.0118")

Corrugator Model	MHI 60 PASER



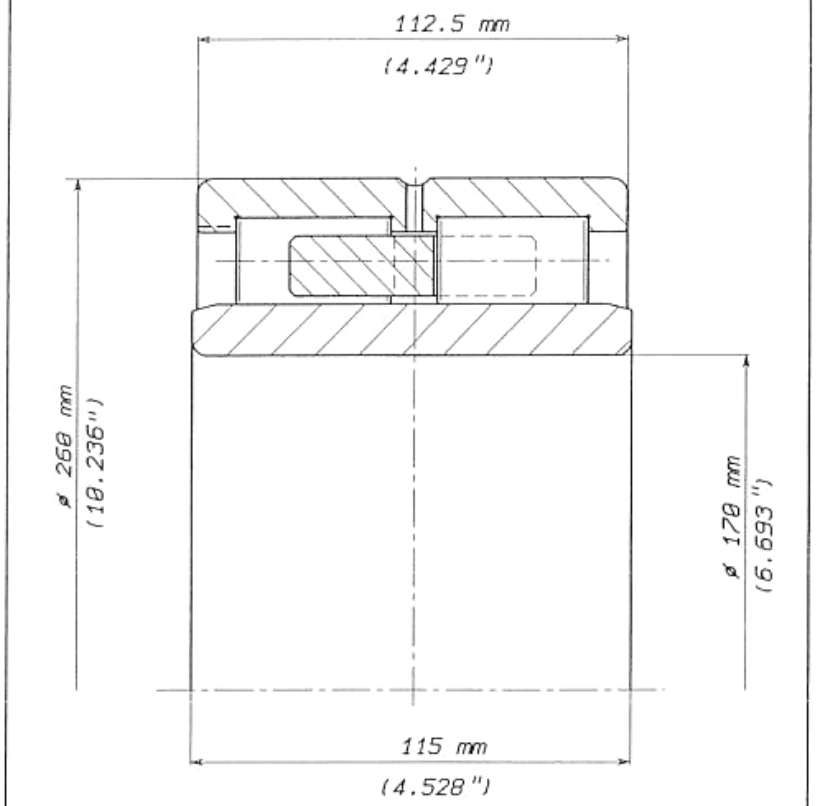
FARO part number	Internal Clearance
2.2014	0.280/0.310 mm (0.0110/0.0122")

Corrugator Model	MHI 60 PASER



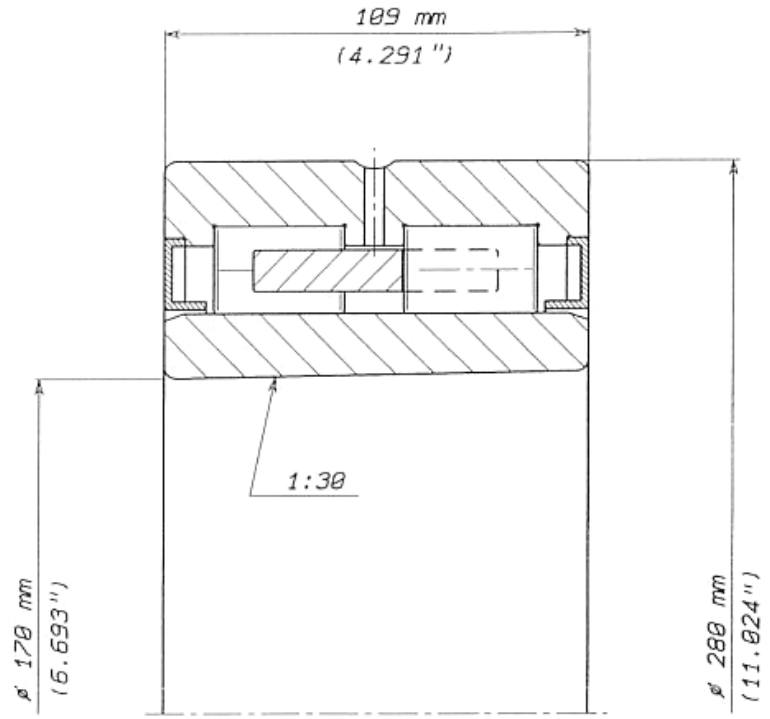
FARO part number	Internal Clearance
2.2015	0.280/0.310 mm (0.0110/0.0122")

Corrugator Model	Peters	Multistar Singlestar



FARO part number	Internal Clearance
2.2022	0.250/0.300 mm (0.0098/0.0118")

Corrugator Model	Medesa



FARO part number	Internal Clearance
2.2024	0.300/0.340 mm (0.0118/0.0134")