

ALL ROTOFUID joints are precision made sealing joints. Sealing is assured between rotary shaft and static housing. Improper use can cause leakage and failure.

Although **ROTOFLUID** joints are high quality and precision made joints, it's very important that they should be treated carefully. They should be inspected periodically and when a joint starts to leak, joint must be replaced or repaired. Never work with leaking joints.

ROTOFLUID joints must not be used for applications other than specified in this catalogue. It is forbidden to use ROTOFUID joints with flammable and explosive joints or corrosive fluids. The use of ROTOFUID with these products is permissible with our approval. For applications that are not stated in this catalogue, please consult ROTOFUID engineering department. ROTOFUID will assist and advice users about correct use of ROTOFUID joints and about problems that are sent to our engineering department.

TESTING:

All ROTOFUID joints are tested before shipment. Tests assure that all products manufactured by ROTOFUID are operational and can be assembled reliably.

WARRANTY:

From the date of shipment, ESZ Makina provides a limited one-year warranty on materials and workmanship for its products unless otherwise stated. Products must be returned to ESZ Makina undismantled, freight pre-paid. ESZ Makina's liability is expressly limited to rebuild or replacement of any product proven defective from the technical department. The warranty is void if the product is dismantled, modified, altered, damaged from improper maintenance, side loading, excessive temperature, abrasive or chemical action or improper use. No warranty is extended beyond that stated above.

LUBRICATION:

All micro-lapped seal surfaces are lubricated with the inter-passing fluid. For this reason, unless specified as "dry run"; all ROTOFUID joints must not be run dry for a long period. Depending on the ROTOFUID model and application parameters, all ROTOFUID products are lubricated for life or lubricated periodically.

FILTERING:

The life of the rotating joints is affected by quality of the fluids. ROTOFUID recommends 60µm filtering. Increasing the quality of the fluid will increase service life of the rotating joint.

MAINTANENCE:

ROTOFLUID recommends to use original spare parts. All ROTOFUID products can be repaired in the field by using original spare parts. All ROTOFUID products can also be repaired by the factory. All factory repaired joints have new union warranty.

THREAD TYPES USED IN THIS CATALOGUE			
SYMBOL	DEFINITION	SYMBOL	DEFINITION
NPT	American National Tapered Thread	BSPP	ISO 228 (DIN256) Pipe Thread (Straight Male, Straight Female Thread)
UNF	Unified National Fine Thread	BSP	ISO 7/1 (DIN2999) Pipe Thread (Tapered Male, Straight Female Thread)
UNS	Unified National Special Thread	RH OR LH	Right Hand or Left Hand
M18	Iso Metric Thread	PT	With Plot

	SI	USA	D	E	F	I	NL	S	COVERSION FACTORS
SPEED	1/s	RPM	min ⁻¹	r.p.m.	t/min	g/min	min ⁻¹	min ⁻¹	1 RPM = min ⁻¹ = 1/60 h
TEMPERATURE	K (Kelvin)	°F	°C	°C	°C	°C	°C	°C	(°F-32)/5/9 = °C = K+273
PRESSURE	Pa	PSI	bar	bar	bar	bar	bar	bar	14.5 PSI = 1 bar = 1.02 kg/cm ² = 100kPa
VACUUM	Pa	"Hg	kPa	cmHg	cmHg	kPa	bara	kPA	28" Hga(Vac) = 2"Hg = 5.08cmHg = 6.75 kPa = 0.07 bara
WEIGHT	kg	lbs	kg	kg	kg	kg	kg	kg	2.2 lbs = 1.0 kg



FICоба (Recinto Ferial Gipuzkoa)
 AVDA. IPARRALDE, 43 - ROOM 3
 20302 IRUN-GIPUZKOA (SPAIN)
 00 34 646 211965
 RCC@RCCINDUSTRIAL.COM
 RCCINDUSTRIAL
 WWW.RCCINDUSTRIAL.COM

