

CASE HISTORY REPORT

INPRO/SEAL

CUSTOMER : C.E.A

LOCATION : SACLAY – Yvelines
Paris - France

INDUSTRY : Nuclear

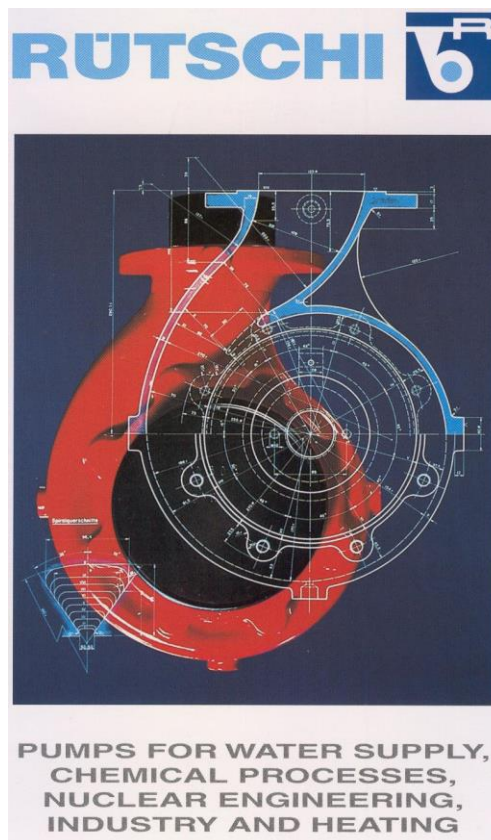
END PRODUCT : Laboratory

The C.E.A [Centre (Atomic Research than 50 Rutschi pump network (cooling reactor, used for

Regularly they lip seal and the shaft. ZERO oil leakage

The O.EM Rutschi Alsace – France Inpro/Seal bearing

In 1999, 23 pumps, bearing housing, have

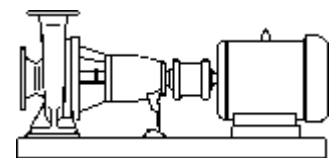


d'Etude Atomique Centre)] use more for all the water circuit) of a nuclear experience.

needed to change the They- need to have a running.

plant of Mulhouse – proposed to install Isolator.

3 different sizes of been fitted with Inpro.

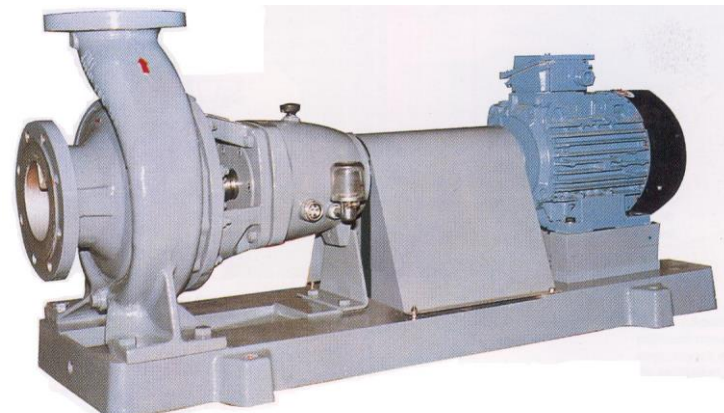


TECHNICAL DETAILS :

Manufacturer : Rutschi, Horizontal pump, model CN. Bearing Housing size 10 ; 14 ; 18.

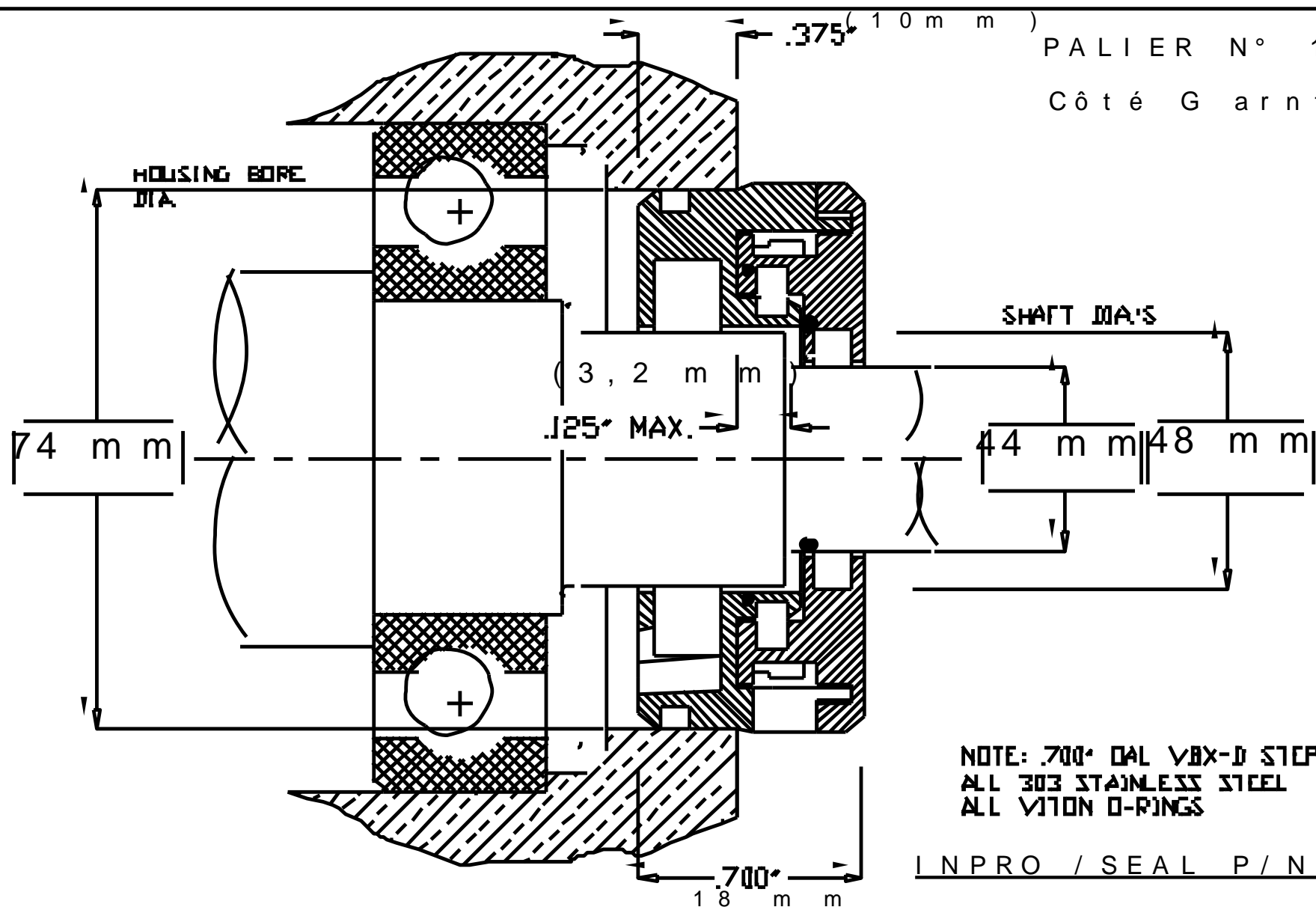
Shaft size : See attached drawing

Inpro B.I : VBX – D - 0.700 & 0.900 OAL Standard & Stepped DESIGN.



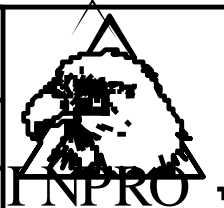
PALIER N° 10

Côté G arnture M



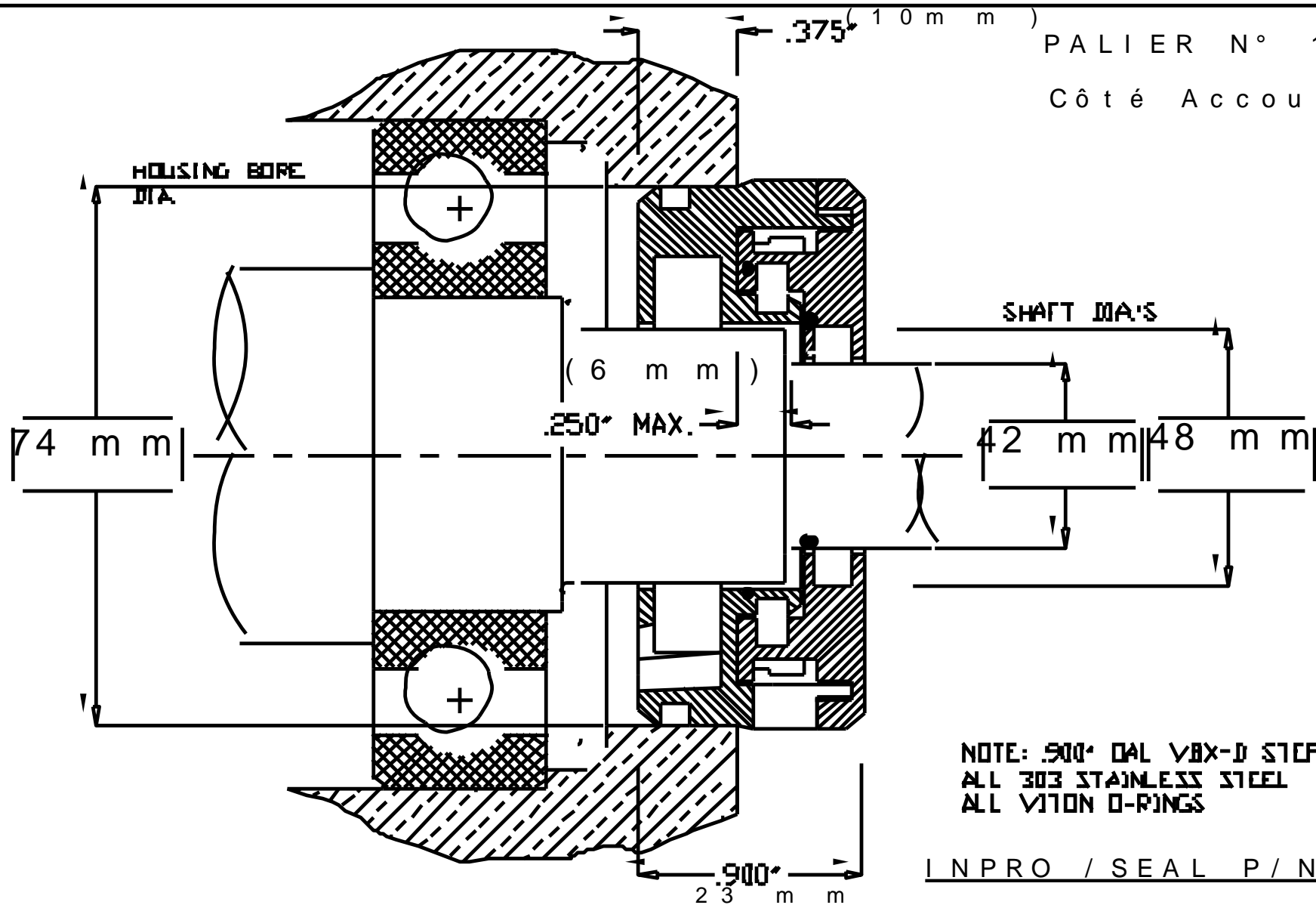
NOTE: .700" OAL VBX-D STOPPED DESIGN
 ALL 303 STAINLESS STEEL
 ALL VITON O-RINGS

INPRO / SEAL P / N - 1701

REV#	VLS	THE DRAWING INCLUDING THE DESIGN AND PRINCIPLES OF CONSTRUCTION HEREBY IS THE PROPERTY OF INPRO COMPANIES, INC. AND IS SUBJECT TO THE UNDERSTANDING THAT IT IS NOT TO BE REPRODUCED NOR COPIED IN WHOLE OR IN PART NOR LOANED OR OTHERWISE COMMUNICATED TO ANY THIRD PARTY NOR USED IN ANY MANNER DETRIMENTAL TO THE INTERESTS OF INPRO COMPANIES, INC. ACCEPTANCE OF THIS DRAWING WILL BE CONSIDERED AS AN AGREEMENT TO THE ABOVE.	U.S. PATENTS: 5,378,000 5,069,461 5,305,981 4,989,883 5,281,095 4,706,968 5,161,804 4,466,620 5,158,304 4,304,409 5,137,049 4,173,752 5,074,567 4,114,902		INPRO/SEAL BEARING ISOLATOR	 INPRO
REV#	DATE 3 OCT 00 AND OTHERS PENDING					
REV#						

PALIER N° 10

Côté Accouplement

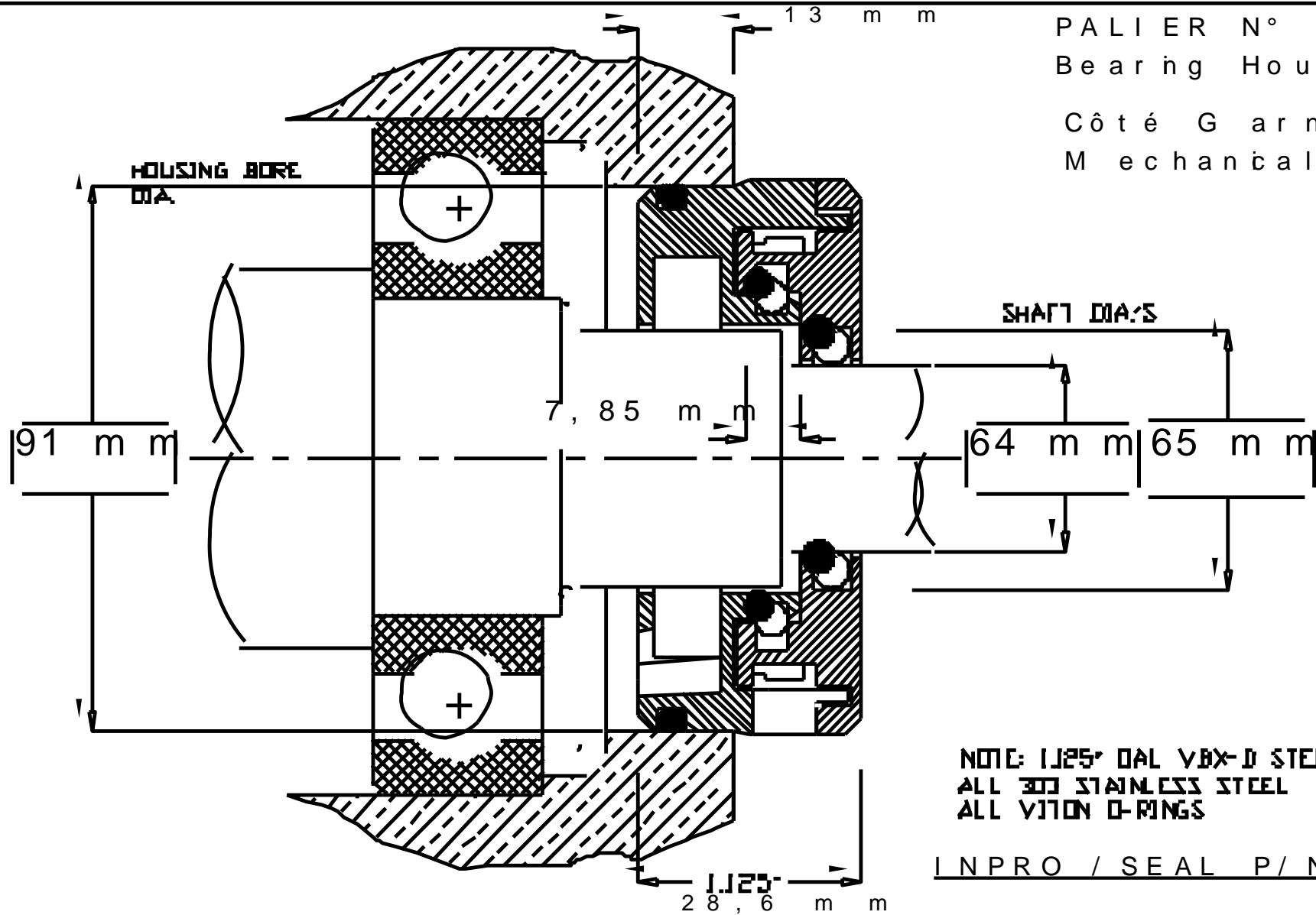


NOTE: .500" OAL VBX-D STEPPED DESIGN
ALL 303 STAINLESS STEEL
ALL VITON O-RINGS

INPRO / SEAL P / N - 1901

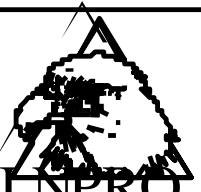
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REV#			5,335,921	4,989,883			
REV#			5,281,095	4,706,968			
REV#			5,161,804	4,466,620			
			5,158,304	4,304,409		DATE 3 OCT 00	
			5,137,049	4,173,752		AND OTHERS PENDING	
			5,074,367	4,114,902			

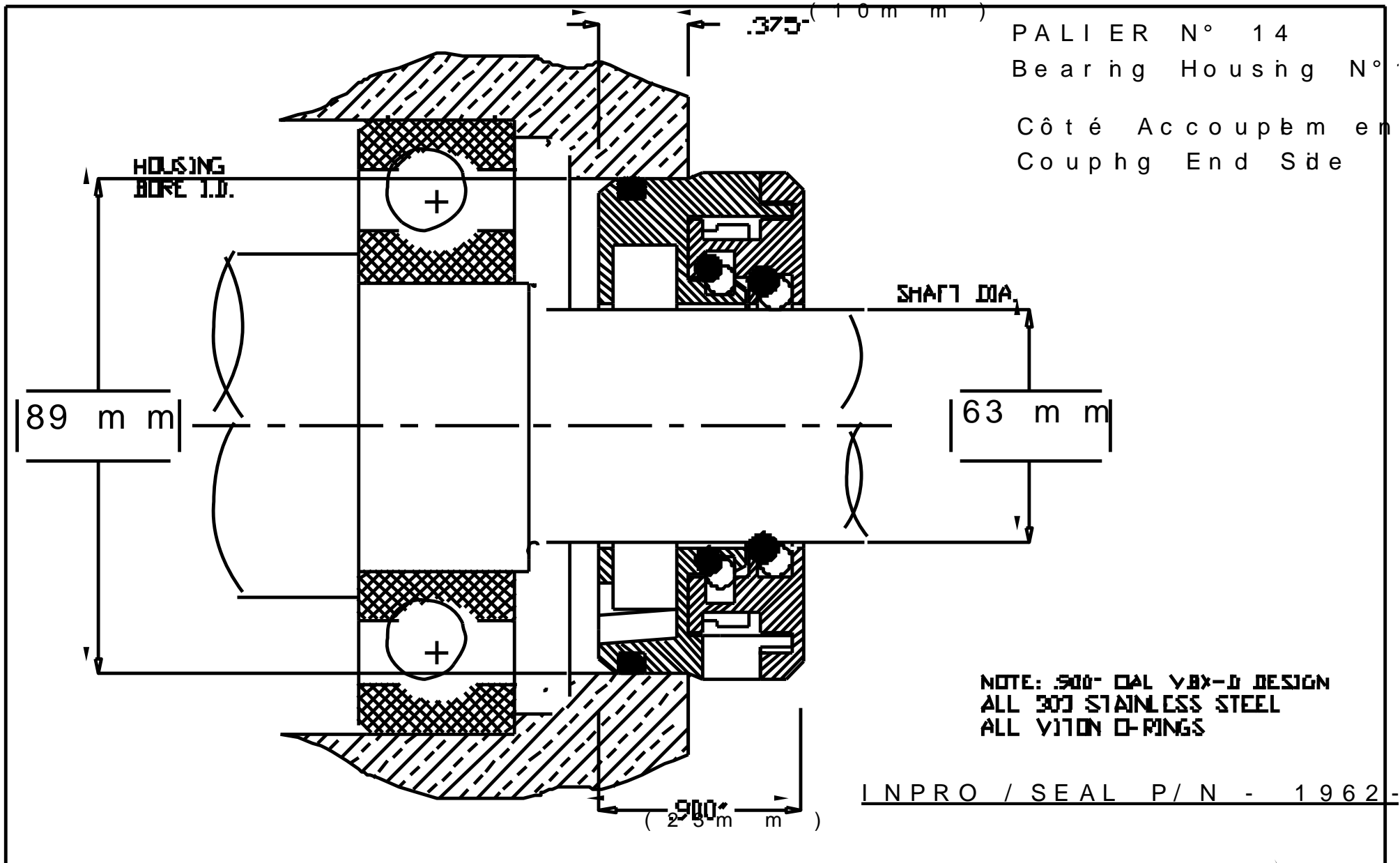
PALIER N° 14
 Bearing Housing N° 14
 Côté Garantie M
 Mechanical Seal Side



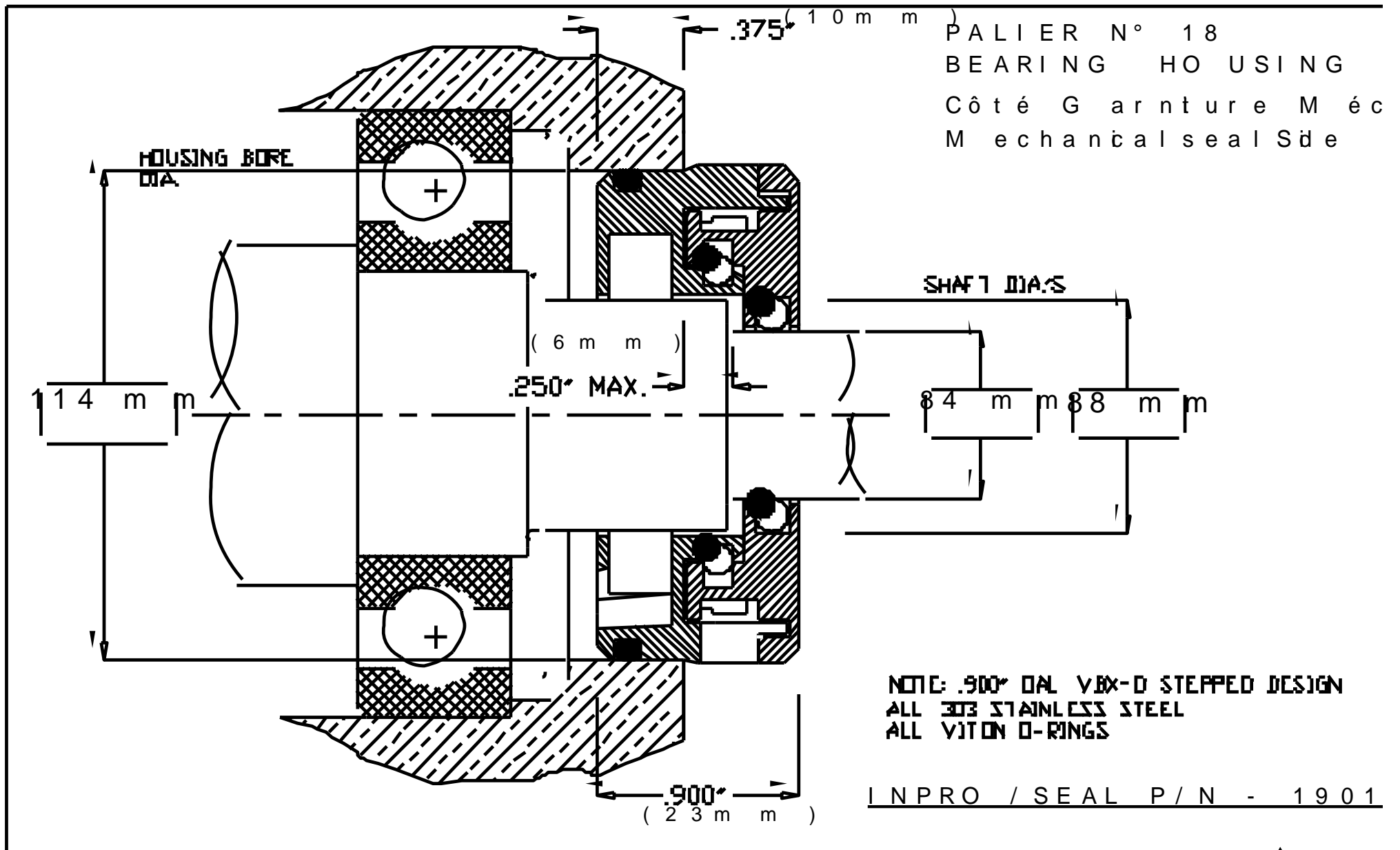
NOTE: 1.25° OAL VBX-D STEPPED DESIGN
 ALL 303 STAINLESS STEEL
 ALL VITON O-RINGS

INPRO / SEAL P/N - 1000

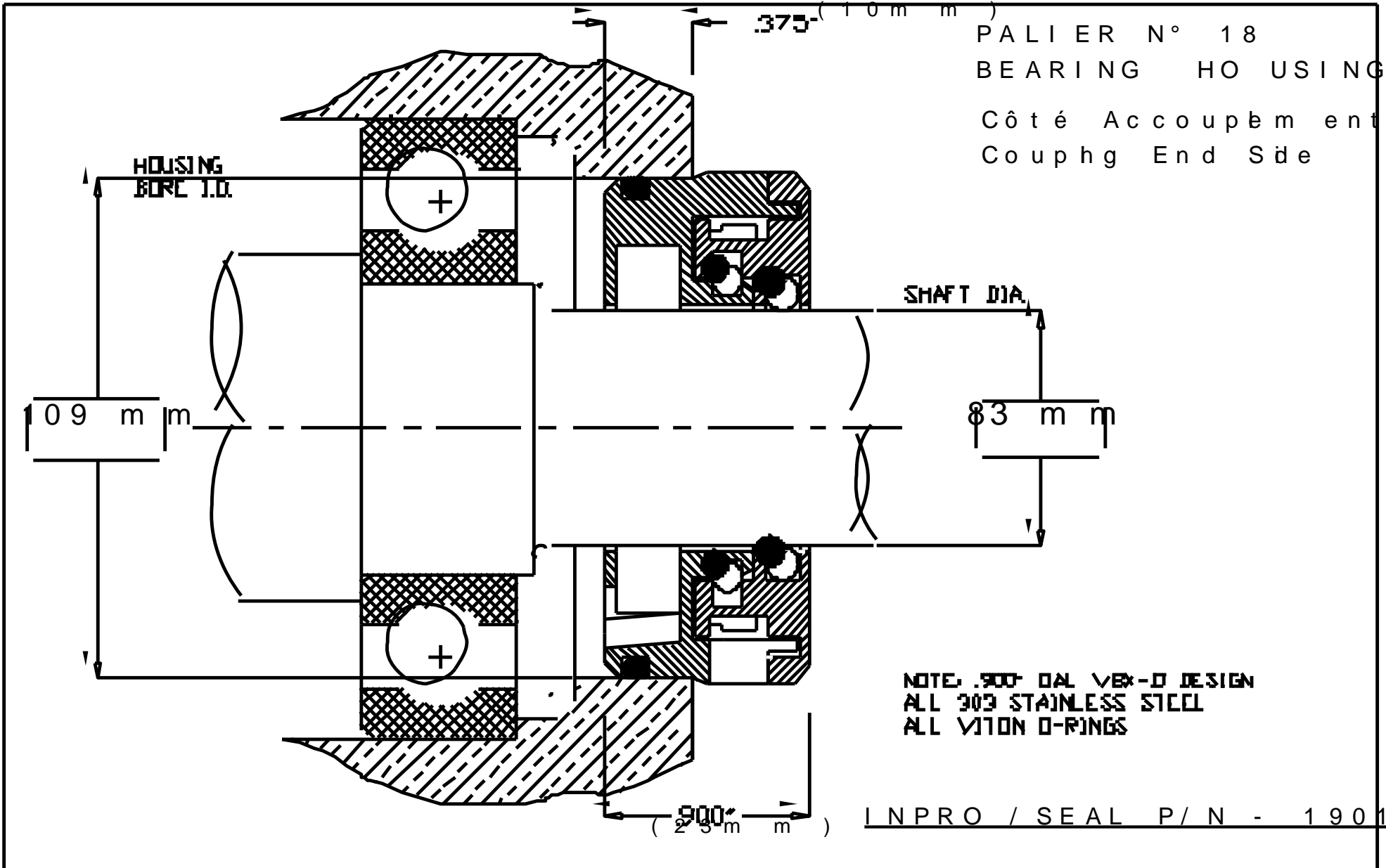
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REV: 2			DATE 3 OCT 00 TN04382 AND OTHERS PENDING				
REV: 3							



KEYS	WLS	THIS DRAWING INCLUDING THE DESIGN AND PRINCIPLES OF CONSTRUCTION DISCLOSED IS THE PROPERTY OF INPRO COMPANIES, INC. AND IS SUBMITTED WITH THE UNDERSTANDING THAT IT IS NOT TO BE REPRODUCED NOR COPIED IN WHOLE OR IN PART NOR LOANED OR OTHERWISE COMMUNICATED TO ANY THIRD PARTY NOR USED IN ANY MANNER DETRIMENTAL TO THE INTERESTS OF INPRO COMPANIES, INC. ACCEPTANCE OF THIS DRAWING WILL BE CONSIDERED AS AN AGREEMENT TO THE ABOVE.	U.S. PATENTS: 5,378,000 5,069,461 5,335,921 4,989,883 5,281,095 4,706,968 5,161,804 4,466,680 5,158,304 4,304,409 5,137,049 4,175,758 5,074,567 4,114,902		INPRO/SEAL BEARING ISOLATOR		
	KEYS		DATE 9 OCT 00	A part of TN 04346			
	KEYS		AND OTHERS PENDING				



REV: 3	WLS	THIS DRAWING INCLUDING THE DESIGN AND PRINCIPLES OF CONSTRUCTION DISCLOSED IS THE PROPERTY OF INPRO COMPANIES, INC. AND IS SUBMITTED WITH THE UNDERSTANDING THAT IT IS NOT TO BE REPRODUCED NOR COPIED IN WHOLE OR IN PART NOR LOANED OR OTHERWISE COMMUNICATED TO ANY THIRD PARTY NOR USED IN ANY MANNER DETRIMENTAL TO THE INTERESTS OF INPRO COMPANIES, INC. ACCEPTANCE OF THIS DRAWING WILL BE CONSIDERED AS AN AGREEMENT TO THE ABOVE.	U.S. PATENTS: 3,378,000 5,069,461 3,335,991 4,989,887 3,221,095 4,706,968 3,161,804 4,466,690 3,158,304 4,304,409 3,137,049 4,175,759 3,074,567 4,114,509		INPRO/SEAL BEARING ISOLATOR		
REV: 2					DATE 3 OCT 00		
REV: 1					AND OTHERS PENDING TN04347		



NOTE: .900" OAL VEX-D DESIGN
 ALL 303 STAINLESS STEEL
 ALL VITON O-RINGS

INPRO / SEAL P / N - 1901

REVS:	WLS
REVS:	
REVS:	

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5,158,304	4,304,409
5,137,049	4,175,758
5,074,567	4,114,912

INPRO/SEAL	
BEARING ISOLATOR	
DATE 3 OCT 00	TN04346
AND OTHERS PENDING	

