SAKAGAMI

Technology & Sealing System







Hydraulic packings

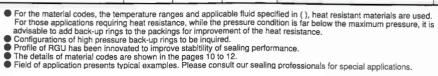


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			The second secon	245	tig	gures and va	alues.		
	Profiles		Standard N	Operating fluid					
Product name	(Left	Material	Service I						
Application secti		codes	Max. pressure MPa (kgf/cm²	2)	1	Max. speed	Temperature range (°C)		
ODV Paskissa	9.5		Clearance of extrusion H9/f8	17.	5 (175)	1	range (O)	Mineral oils Water polyglycol solutions	
GPY-Packings		RN919	w/Back-up ring	25	[250]		-30~100		
Piston packings			w/Standard & high pressure back-up rings	35	{350}	0.5			
GNY-Packings		RN919	Clearance of extrusion H9/f8	17.	5 {175}	1	-30~100		
- Citi - Cokings			w/Back-up ring	25	{250}	0.5			
Rod packings			w/Standard & high pressure back-up rings	35	{350}				
RGY-Packings	(A.A.		Clearance of extrusion H9/f8	14		1		Water-in-oil emulsions	
		RN923	w/Back-up ring	21	{210}	0.5	-25~100		
Piston packings			w/Standard & high pressure back-up rings	+	{280}				
RNY-Packings	S	DNIGGO	Clearance of extrusion H9/f8	14	{140}	1			
Pod packings		RN922	w/Back-up ring	21	(210)	0.5	-25~100		
Rod packings			w/Standard & high pressure back-up rings	28	{280}				
TSGY-Packings	0	RN812	w/Back-up ring	21	{210}	0.5	-45~100	Mineral oils	
Piston packings		1	W Zaok ap mig		(210)	0.5			
								Mineral oils for low temperature applications	
TSNY-Packings	M	RN809	w/Back-up ring	21	{210}	0.5	−45 ~100	⚠ Do not use MIL H 5606 oils	
Rod packings									
SKY-Packings	O O BN	RN906 (RF905)	Clearance of extrusion H9/f8	14	{140}	1 (0.5)			
OKT-Fackings			w/Back-up ring	21	{210}	0.5	-10~80 (-5~150)		
Piston & rod packings		\RF907 /	w/Standard & high pressure back-up rings	28	{280}	0.5			
KY-Packings		RN906	Clearance of extrusion H9/f8	15	{150}	1 (0.5)	-10~80 (-5~150)		
		(RF905)	w/Back-up ring	30	{300}	0.5			
Piston & rod packings		(RF907/	w/Standard & high pressure back-up rings	-	{350}				
RGU-Packings		DNIGOG	Clearance of extrusion H9/f8	14	{140}	1	-25~100		
Piston packings		RN923	w/Back-up ring	21	{210}	0.5	25.00	Į.	
- Islan paskings			w/PWL-bearing	-			-25~80		
HSD-Packings		RN906	Clearance of extrusion H9/f8	14	{140}	1	-10~80		
Piston packings			w/Back-up ring	21	{210}	0.5	10~00		
PENTA-Seals			Clearance of extrusion H9/f8	14	{140}			Mineral oils	
PS		RN906 (RF905)	S.S. LATING OF CALLOSION F13/10	4	(140)	0.5	-10~80 (-5~150)	Water polyglycol solutions Water-in-oil emulsions (Mineral oils Phosphoric ester)	
Rod packings		(DF805)	w/Back-up ring	21	{210}				
NMY-Packings			Clearance of extrusion H9/f8	14	{140}				
-	M	RN906	w/Pack-up ring	01	[040]	0.5	-10~80		
Rod packings			w/Back-up ring	21	{210}				
STK-Seals (STR type)	<u> </u>	DT4.54				0.3			
		PT151	Rotation & oscillating movements	28	{280}		-30~100		
Piston seals									
ST-Seals		PT111	Reciprocating movement	25	(SEO)	•	-30~100		
Piston seals			resiprocating movement	25	{250}	3			
		9	Clearance of submission 2.2 minutes	0.1	(040)				
SMJ-Seal		PT154	Clearance of extrusion 0.6mm in dia.	21	[210]	3	-30~100		
Rod seal			Clearance of extrusion 0.3mm in dia.	35	(350)				





Pneumatic packings



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Des de la company	Profiles	Standard Material					
Product name Application	(Left	Material codes	Service range			Characteristics	
	section)		Pressure MPa (kgf/cm²)	Max. speed (m/s)	Temperature range (°C)		
PGY-Packings	N	RN713 (RF905)	1 {10}	1	-15~60 ⁽³⁾ (-5~150)		
Piston packings		(1.1. 000)	(4)	5011		Improved wear resistant packings are PGY piston packings & PN rod packings. Stable sealing performance is obtainable in lubricated	
PNY-Packings	N	RN713 (RF905)	1 (10)	1	-15~60 ⁽³⁾ (-5~150)	non-lubricated and dry air systems.	
Rod packings		(111 000)					
GLY-Packings	M	RK701 (RF905)	1 {10}	1	-25~70 (-5~150)	GLY-packings are applicable to pneumatic pistons & rods in not lubricated air supply systems, while inapplicable to lubricate	
Piston & rod packings		_				cylinders.	
PPD-Packings		RN729	1 {10}	1	-20~80	PPD-packings are double acting piston packings compatible with the grooves for the PSD-packings. Sealing performance of PPI packings sustains unchanged despite of large eccentric moveme	
Piston packings						of the pistons. Moderate durability and fair friction characteristics.	
PSD-Packings		RN713 (RF704)	1 (10)	1	-15~60 ⁽³⁾ (-5~150)	PSD-packings are the world best selling double acting pneuma piston packings. The profile of the PSD-packings is compact and designed to provioutstanding friction properties. Unlike O-rings, PSD-packings res	
Piston packings						twisting or rolling.	
PDU-Packings		RN818 (RF905)	1 {10}	1	-15~60 ⁽³⁾ (-5~150)	PDU-packings, the one-piece packing & wiper, allow compact cylinder designs.	
Rod packings	V						
	M	MYA RK703 (NBR)			-25~70	Packings for small-gauge pneumatic applications. MYA packings feature low friction applicable to small-gauge cylinders.	
Mini Y-Packings MYA•MYN•MYH	M	MYN RN716 (NBR)	0.8 {8}	0.4	-10~70	 MYN packings are extra low friction, even lower than MYA packing suitable for solenoid valves. MYH packings are applicable to high temperature applications. 	
Piston & rod packings	\parallel	MYH ⁽¹⁾ RF704 (FKM)			-5~150	Mini-Y packings are compatible with the grooves for O-rings specified JIS B2401 P-line.	
MYP-Packings	Y	RN722	1 {10}	0.5	-20~60	MYP-packings are applicable to small diameter pistons. Likewise Mini Y Packings, they are compatible with the grooves for 0 specified by JIS B2401 P-line. By adopting the slit structure of the lip part, MYP-packings regulat pressure and avoid incorrect installation.	
Piston packings						High wear resistant properties and stable performance are achievable.	
MYR-Packings	M	RN818	1 {10}	0.5	-15~60	MYR-packings are applicable to small diameter rods. Likewise Mini Y Packings, they are compatible with the grooves for O-rings specified by JIS B2401 P-line. By adopting an improved wear resistant material, they provide durable	
Rod packings						and stable sealing performance despite of the small cross sectional size	
PPY-Packings		RN713 (RF704)	1 (10)	1	-15~60 ⁽³⁾ (-5~150)		
Piston packings		(Improved wear resistant PPY piston packings & PRY rod packin are applicable to miniature cylinders. Greater abrasion resistan	
PRY-Packings		RN713 (RF704)	1 (10)	1	-15~60 ⁽³⁾ (-5~150)	with superior friction properties is obtainable, comparing with rings.	
Rod packings		,					
Grid-Surface Gaskets		RD917	1 {10}	_	-30~80	Unique and deep grid pattern of Grid-Surface Gaskets minimizes protrusion of the gasket sheet when squeezed in the assembly process offering optimum sealing performance.	
Rubber sheet gaskets	PARAM	RD914 ⁽²⁾				process onering opaman seamy perioritiance.	



^{The temperature ranges specified in () are of heat resistant materials. The profiles of MYN and MYH are variant. RD914 is a green material and does not contain PVC. RD914 is recommended for the replacement of RD911 (NBR+PVC). GOPERATION OF THE REPLACEMENT OF}



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Wipers

Product name			Stand				
Product flame	Profiles (Left section)	Material	Service		nge	Operating fluid	
Application	(Left Section)	codes	Pressure MPa (kgt/cm²)	Max. speed (m/s)	Temperature range (c)	iluid	
SCK-Wipers	57	RN814	-	1	-45~100 _m	Mineral oils Mineral oils for low	
Rod wipers						temperature applications	
SDR-Wipers		RN906 (RF905)	-	1 (0.5)	-25~100 (-5~150)	Mineral oils Water polyglycol solutions Water-in-oil emulsions / Mineral oils	
Rod wipers		(1.1. 000)	V2	8-18	95	Phosphoric ester	
SDB-Wipers	Metal Jacket (SPC: Low	RN819	-	1	-25~100 (-5~150)	Water soluble cutting oil Cutting oil of sulfide lines Industrial water	
Rod wipers	carbon steel)	(RF903)			(3 130)	(Cutting oil of chloride lines)	
SCB-Wipers	Metai Jacket (SPC: Low	RN807	_	1	-40~100	Mineral oils Water polyglycol solutions	
Rod wipers	carbon steel)	J					
SER-Wipers		RN906	_	0.5	-25~100 (-5~150)	Water-in-oil emulsions (Mineral oils (Phosphoric ester)	
Rod wipers		(RF905)			(-5~150)	2 - 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	
SFR-Wipers		RN912	_	1	−30~100		
Rod Wipers							

Wear rings & Bearings

SW-Wear Rings	17//	PB201	=	3	-55~120	***	
Piston wear rings		En"				Mineral oils Mineral oils for low temperature applications Phosphoric ester	
SWA-Wear Rings		PB201	-	3	−55~120		
Piston wear rings							
SWB-Wear Rings		PB251	-	3	-55~120		
Piston wear rings							
S-LEEVE (WPB type)		PN104	21 (210)	1	-25~80		
Piston bearings							
S-LEEVE (WRB type)	1	PN104	21 {210}	1	-25~80	Mineral oils	
Rod bearings						Water polyglycol solutions Water-in-oil emulsions	
PWL-Bearings		PN104	21 {210}	1	-25~80	Phosphoric ester	
Piston bearings							

Cushion Seals

PCS-Cushion Seals	Metal Jacket (SPC: Low carbon steel)	RN803 (RF903)	1 (10)	0.5	-5~80 (-5~150)	
_						

[●] For the material codes, the temperature ranges and applicable fluid specified in (), heat resistant materials are used. ● Aqueous based hydraulic fluids may not allow packings to achieve enough durability at the temperature of 70°C or over.

