








Hydraulic seals for reciprocal movement - 2

Type	IHK type	Cross section	Standard material	Main applicable fluid	Feature		
Special packing for rod seals	IDI		Noxlan (U801)	<ul style="list-style-type: none"> General petroleum hydraulic fluid oil 	<ul style="list-style-type: none"> Packings with large section can be used for wide range of pressure. 	<ul style="list-style-type: none"> Packing material, noxlan U801 has excellent wear resistance and sealing ability. 	
	ISI		Noxlan (U801) (U641)		<ul style="list-style-type: none"> Packings with small section can be fitted in integrated groove. 	<ul style="list-style-type: none"> Packings with a smaller section of IDI. Material with heat resistance, U641 is also available. 	
	IUH		Nitrile rubber (A505) (A903)	A505	<ul style="list-style-type: none"> General petroleum hydraulic fluid oil Water-glycol type hydraulic fluid oil Oil-water emulsion type hydraulic fluid oil 		<ul style="list-style-type: none"> Improvement is made to prevent the damages caused by back pressure. Material with excellent cold resistance, nitrile rubber A903 is also available. This can be used for special low temperature oil (MIL H 5606 E)
				A903	<ul style="list-style-type: none"> General petroleum hydraulic fluid oil Low temperature petroleum hydraulic fluid oil 		
	UNI	 (Combination)	<ol style="list-style-type: none"> Sliding material Noxlan (U801) Back ring material Silicon rubber (S813) 	<ul style="list-style-type: none"> General petroleum hydraulic fluid oil Low temperature petroleum hydraulic fluid oil 	<ul style="list-style-type: none"> This packing is used for low temperature and high pressure operations. 	<ul style="list-style-type: none"> Noxlan is used for material and back ring can prevent the lack of interference at low temperature. 	
	SPNO	 (Combination)	<ol style="list-style-type: none"> Rareflon, PTFE (19YF) Back ring material Nitrile rubber (A305) Fluoro rubber (F201) 	A305	<ul style="list-style-type: none"> General petroleum hydraulic fluid oil Water-glycol type hydraulic fluid oil Oil-water emulsion type hydraulic fluid oil 	<ul style="list-style-type: none"> Rareflon (NOK) product name of polytetrafluoro ethylene resin) is used for sliding material. This packing has low frictional resistance, eliminating stick slip and assuring high wear resistance. 	<ul style="list-style-type: none"> This is a standard type of combination seal and can be used for wide range of operation.
F201				<ul style="list-style-type: none"> General petroleum hydraulic fluid oil Phosphate ester type hydraulic fluid oil 			
SPN	 (Combination)	<ol style="list-style-type: none"> Rareflon, PTFE (19YF) Back ring material Nitrile rubber (A980) Fluoro rubber (F201) 	A980	<ul style="list-style-type: none"> General petroleum hydraulic fluid oil Water-glycol type hydraulic fluid oil Oil-water emulsion type hydraulic fluid oil 	<ul style="list-style-type: none"> This has the same performance as SPNO. This is used in case the service range of pressure is wide and sliding speed is high. 		
			F201	<ul style="list-style-type: none"> General petroleum hydraulic fluid oil Phosphate ester type hydraulic fluid oil 			

Hydraulic seals for reciprocal movement - 3

Type	IHK type	Cross section	Standard material	Main applicable fluid	Feature	
Special packing for rod seals	SPNC	 (Combination)	<ol style="list-style-type: none"> Sliding material Rareflon, PTFE Back ring material Nitrile rubber (A305) Fluoro rubber (F201) 	A305	<ul style="list-style-type: none"> General petroleum hydraulic fluid oil Water-glycol type hydraulic fluid oil Oil-water emulsion type hydraulic fluid oil 	<ul style="list-style-type: none"> This packing can be fitted on to O ring groove (JIS B 2406 P series). This has less sliding friction than O ring to assure high longevity. This can also be used for pneumatic equipment.
				F201	<ul style="list-style-type: none"> General petroleum hydraulic fluid oil Phosphate ester type hydraulic fluid oil 	