

FDI® - selection of shaft seals

description	model	speed m/s max.	Temp. °C	radial runout mm max.	operating pressure max.		shaft Ø max.	sealing / against
					Bar	MPa		
	01 universal	30	-40 / +200	1,5	1	0,1	2500	oil, grease, water, suspensions with particles
	02 with grooves for lubrication	30	-40 / +200	1,5	1	0,1	2500	oil, grease, water, suspensions with particles
	04 self adjusting	30	-40 / +200	1,5	1	0,1	2500	oil, grease, water, suspensions with particles
	07 split	30	-40 / +200	1,5	low grade		2500	oil, grease, water, suspensions with particles
	08 split with grooves for lubrication	30	-40 / +200	1,5	low grade		2500	oil, grease, water, suspensions with particles
	A7 - E7 double split	30	-40 / +200	0,7	low grade		2500	oil, grease, water, suspensions with particles
	10 high pressure	25	-40 / +200	0,5	50	5	1200	oil, grease, water, suspensions with particles
	11 high pressure	25	-40 / +200	0,7	50	5	2500	oil, grease, water, suspensions with particles
	X7 Rapid Fit® split glued	30	-40 / +200	1,5	1	0,1	2500	oil, grease, water, suspensions with particles
	spherical plain bearing seal	swinging- rotary- motion	-40 / +200	1,5	1	0,1	2500	dirt, water
	D4 double lip seal	30	-40 / +200	1,5	0,5	0,05	2500	oil, grease, water, suspensions with particles

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	M1 standard	30	-40 / +200	1,5	0,5	0,05	2500	oil, grease
	M2 with grooves for lubrication	30	-40 / +200	1,5	0,5	0,05	2500	oil, grease
	M7 split	30	-40 / +200	1,5	low grade		2500	oil, grease
	M8 split with grooves for lubrication	30	-40 / +200	1,5	low grade		2500	oil, grease
	Labystop®	40	-40 / +220	unlimited	low grade		6000	oil, grease, water, suspensions with particles
	CB	40	-70 / +250	0,2	30	3	600	aggressive substances
	CB-D	40	-70 / +250	0,15	5	0,5	200	aggressive substances
	C-LF	30	-40 / +200	3	0,5	0,05	1200	oil, grease
	M4	30	-40 / +200	1,5	0,5	0,05	1200	oil, grease
	VA	30	-40 / +200	unlimited	-		2020	dirt, water
	VAX	30	-40 / +200	unlimited	-		2020	dirt, water
	VE	30	-40 / +200	unlimited	-		2010	dirt, water
	VL	30	-40 / +200	unlimited	-		233	dirt, water

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	VS	30	-40 / +200	unlimited	-		210	dirt, water
	Y-Seal	25	-40 / +200	unlimited	50	5	2500	oil, grease, water, suspensions with particles
	YS - Seal	25	-40 / +200	unlimited	50	5	2500	oil, grease, water, suspensions with particles
	sleeve coated OC, MC Gegenlaufring	50	-90 / +500	-	-		1500	oil, grease, water, dirt
	sleeve hardfaced HC Gegenlaufring	50	-90 / +500	-	-		850	abrasive substances
	A	30	-40 / +200	1	0,5	0,05	1200	oil, grease, light dirt
	AS	30	-40 / +200	1	0,5	0,05	1200	oil, grease, light dirt
	AS-P	25	-40 / +200	0,45	10	1	600	oil, grease, light dirt
	B	30	-40 / +200	1	0,5	0,05	1200	oil, grease, light dirt
	C	30	-40 / +200	1	0,5	0,05	1200	oil, grease, light dirt
	C-P	25	-40 / +200	0,45	10	1	600	oil, grease, light dirt

The indicated data are limits and can't be combined !

Other special models on request.

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The data shown above is based on long lasting experience in the manufacturing and use of sealing elements. As there are many unknown possible parameters and conditions in practice, which may limit standard performance, it is requested that the user runs practical tests. Except as expressly stated, Friedrich's liability, expressed or implied, is limited to the published selling price of our defective item.