

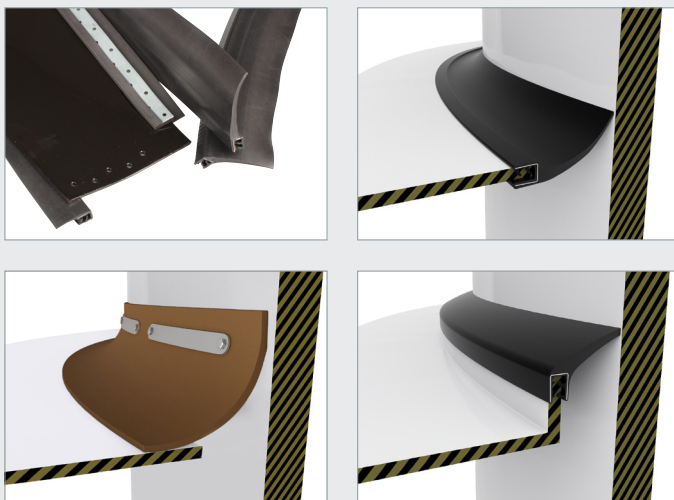
DAFA RotaSeal®

DAFA RotaSeal solutions are designed for optimal long-life sealing solutions for rotating parts in wind turbines.

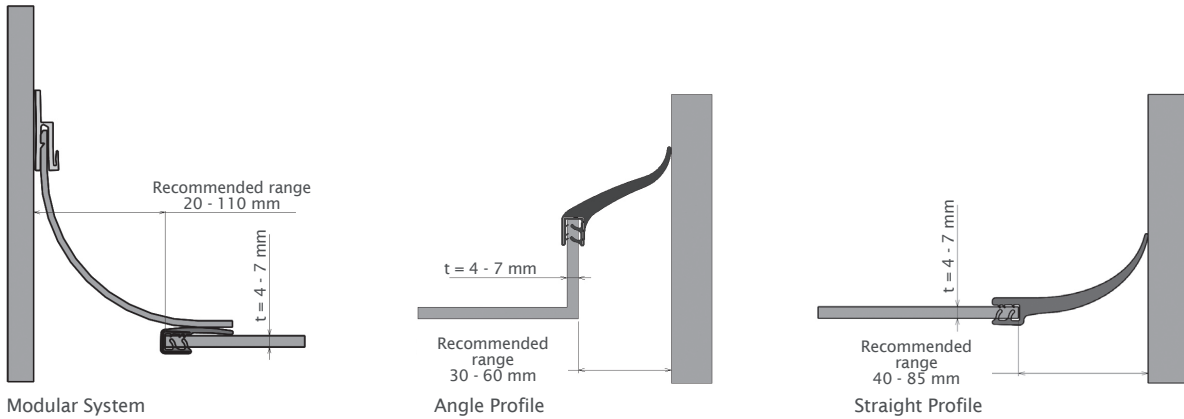


DAFA RotaSeal® increases productivity

By using DAFA RotaSeal Wind the uptime for the wind turbine is optimised, preventing water, sand, salt and other particles from entering critical parts such as electronics and hydraulics.



- DAFA RotaSeal is designed for fast and efficient mounting, both horizontally and vertically
- DAFA RotaSeal materials are tested up against common hydraulic and gear oils, antifreeze fluids and greases according to DIN 53504
- DAFA RotaSeal is tested for abrasion properties according to DIN ISO 4649
- DAFA RotaSeal is designed for a wide range of constructions and adapts to tolerances in the given application
- Clamping profiles are produced with stainless steel EN 1.4301
- DAFA RotaSeal solutions are designed focusing on low friction and abrasion
- DAFA RotaSeal solutions fit both fibreglass, steel and aluminium flanges and plates
- DAFA RotaSeal is tested for wear according to ASTM G99 (400 km test)
- Fast delivery

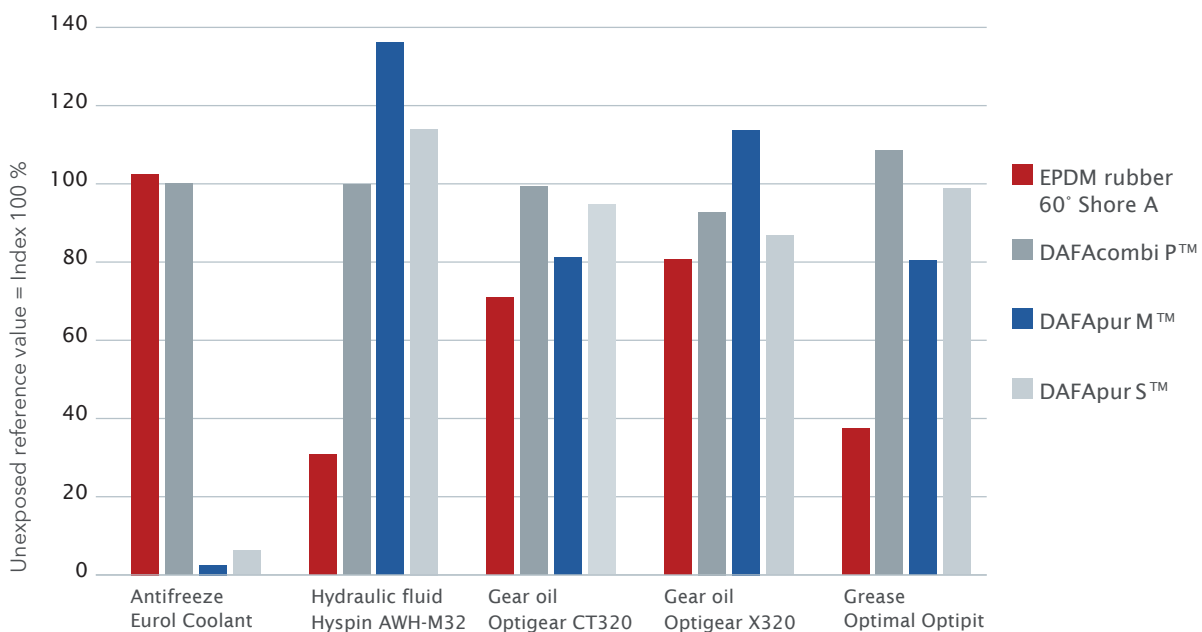


	Specification	Unit	DAFAcombi P™	DAFApur S™	DAFApur M™
Color			Black	Brown/Yellow	Dark brown
Density	DIN 1183-1	g/cm ³	1,43	1,24	1,17
Hardness	DIN ISO 7619-1	°Sh A ±5°	75	70	70
Tensile strength	DIN 53504	MPa	10	min 35	52
Elongation at break	DIN 53504	%	275	min 500	800
Abrasion resistance*	ISO 4649	mm ³	353	10	16,5
Wear properties at 400 km test**	ASTM G99	%	0,13	-	4,5
Compression set at 70° and 22h	DIN ISO 815	%	25		15
Tear strength	DIN ISO 34-1	N/mm	6	30	54
Temperature resistance		°C	-40 - +100	-40 - +70	-40 - +80

*Abrasion resistance (reduced volume) tested according to ISO 4649. Distance 40 m and load 10 N.

** Wear properties (reduced %) acc. to ASTM G99. Distance 400 km, Flounce 2 x 10 mm, load = 30 g.

Determination of tensile stress at break according to DIN 53504 Exposed to media for 1000 hours at +65°C



08/2019

