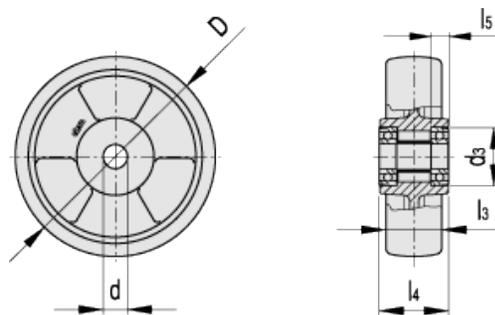


RE.F5

Mould-on polyurethane wheels



Elesa Standards		Main dimensions							Static load #	Rolling resistance #	Dynamic carrying capacity #	Weight
Code	Description	D	d	l ₃	l ₄	l ₅	d ₃	[N]	[N]	[N]	g	
451501	RE.F5-080-RSL	80	12	25	30	8	28	2800	1500	2200	200	
451506	RE.F5-100-RSL	100	12	30	40	10	32	3500	2250	2500	340	
451511	RE.F5-125-RSL	125	12	35	40	10	32	5000	2800	4000	500	
451516	RE.F5-150-RSL	150	20	40	50	14	47	8500	3300	6000	910	
451521	RE.F5-200-RSL	200	25	50	55	15	52	10000	3600	8500	1450	

See [Technical Data](#) for static load, rolling resistance and dynamic carrying capacity.

Covering

Mould-on polyurethane, hardness 95 Shore A.

Wheel centre body

Die-cast aluminium.

Hub

Hub with ball bearings. Ideal solution for heavy loads and continuous moving.

Applications

Excellent rolling resistance and elasticity, high wear and tearing resistance.

See [Technical Data](#) for selection parameters.

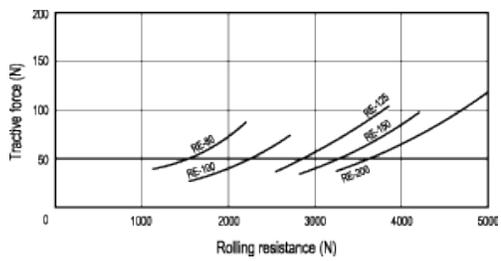
Environmental conditions

RE.F5 wheel is suitable for use in environments with the presence of atmospheric agents, alcohols and glycols; use in environments with the presence of organic and mineral acids, basic solutions and saturated vapour is not recommended.

Rolling resistance - force / load applied

The diagram shows the force to be applied to a wheel to keep it moving at the constant speed of 4 km/h, according to the applied load.

The intersection point with a 50N value is the maximum transportable load with a manually actuated 4-wheel trolley; in fact, 200N = 50N x 4 wheels is the maximum force that may be supported by the operator according to the regulations in force regarding work safety.



Mechanical moving with towing devices

For mechanical towing, please see the technical specifications to determine the capacity variation.

Temperature

If operating temperatures in an application differ from the standard range of values, please see the technical specifications to determine the capacity variation.

RE.F5 wheels are also supplied with bracket:

- [RE.F5-N](#): wheels with steel sheet bracket.
- [RE.F5-H](#): wheel with steel sheet bracket to be used for medium-heavy loads.



STANDARD MACHINE ELEMENTS WORLDWIDE

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