



OMNIA WHEEL

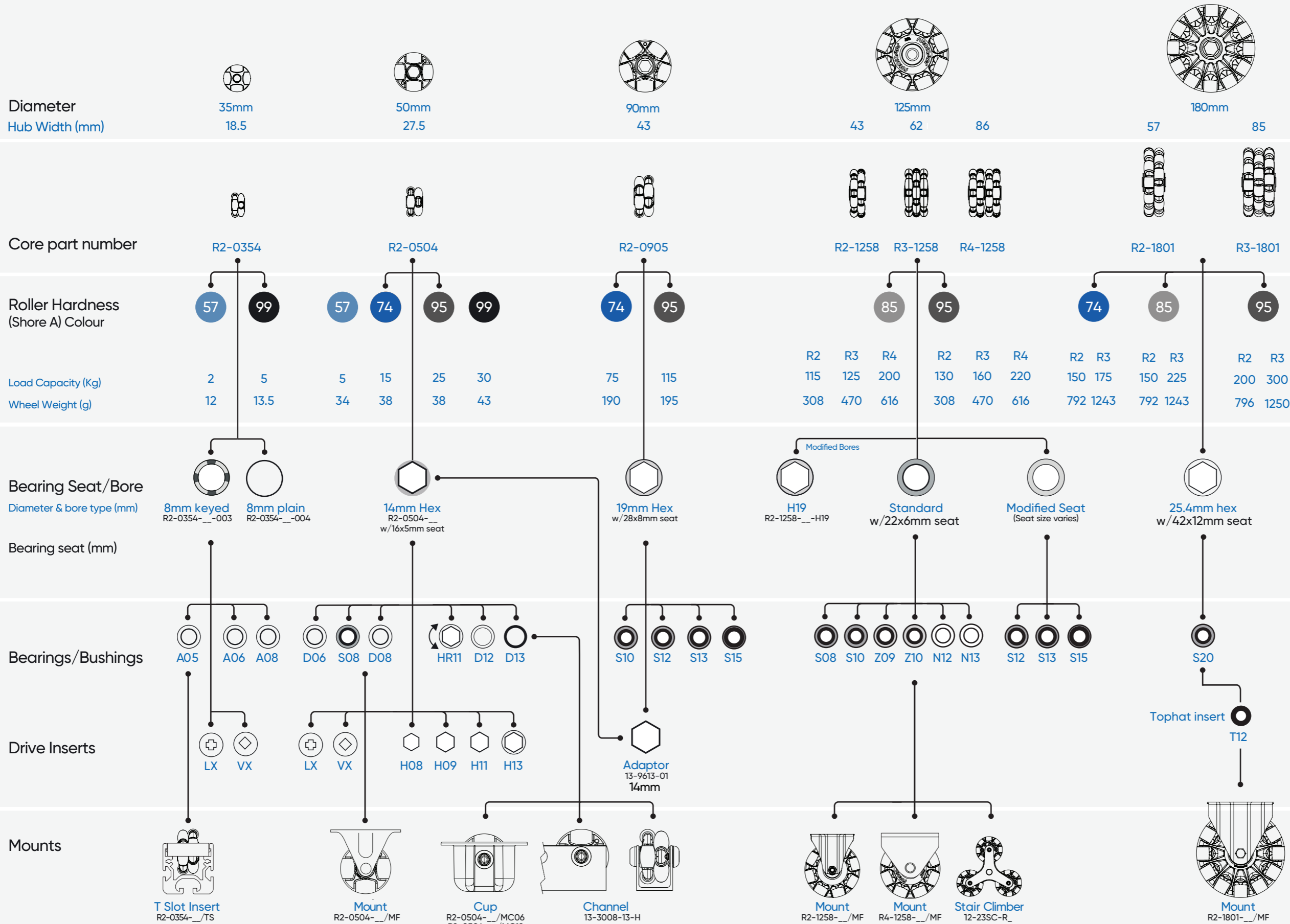
MAKING MOBILITY INTUITIVE



The world's most intuitive
omni directional wheels

No swivel mounts
Turns without turning





Legend:

Roller Material

57	TPE
74	PU
85	PU
95	PU
99	PBT SOLID

Bearing/Bush Type

A	ABS
D	Acetal
H	Hex
HR	Rotating hex
LX	LEGO
N	Nylon
S	Sealed bearing
VX	Vex
Z	Shielded bearing

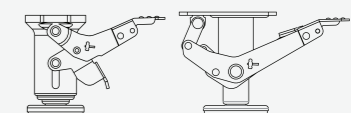
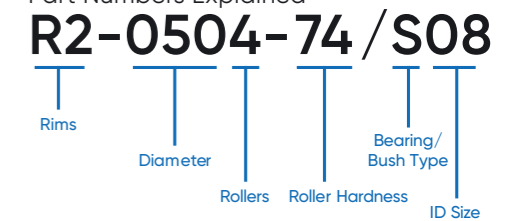
Insert ID Sizing

05	3/16"	12	12mm
06	6mm	13	1/2"
07	1/4"	13+	1/2"+
08	8mm	14	14mm
09	3/8"	15	15mm
10	10mm	18	18mm
11	7/16"	19	3/4"
		20	20mm

MountType

CH	Channel,holed
MC	Cup
MF	Formed
MX	Formed no top plate
TS	T Slot Insert

Part Numbers Explained



Floor Locks
11-9003 11-9002

PATENTED: OMNIA™ and Rotacaster™ Wheels are patented and/or patent pending. ©2023 Rotacaster Pty Ltd. Version V22 2023-03-10

Conveyor transfers

Simple. Flexible. Scalable. Reliable.

OMNIA omni wheels are revolutionising conveyor transfers.

A single programmable omni wheel table caters to changing needs and offers endless diversion and sortation manipulations for large and small payloads.

- No pop ups
- No swivels
- No pushers
- No pneumatics



WATCH IT
IN ACTION



Ergonomic Materials Handling

Easier. Quicker. Safer.

OMNIA omni wheels are changing the way existing products are designed and used, delivering superior mobility, efficiency and safety for a wide range of floor wheel applications.

Space saving design
360° intuitive movement



Robotics (AGV and AMR)

Smooth. Precise. Fast.

OMNIA omni wheels enable movement within any vector from a standing position, making them the ideal choice for robotics applications.

- No steel inserts or pins
- Fully bushed rollers
- Minimal roller play on axles
- Fully injection moulded frame
- Polyurethane or santoprene rollers



35mm



50mm



90mm



125mm



180mm