

A member of



REGGIANA RIDUTTORI

PLANETARY REDUCTION **GEARS**

COMPANY PROFILE

RR HOLLAND B.V.



TPO RIDUTTORI REDUCTION GEARS	
RR3200 L4 ZI FF 217-60 RF2/32	
Completi code 15469045	
CODICE ACCESSORI ACCESSORIES CODE	
ACCOMPAGNAMENTO MOTORE MOTOR COUPLING	
DIMENSIONALE DI GRUPPO	
RR3200 L4 ZI FF 217-60 RF2/32	
PAM A2F-23-28-32 'A' UNIV	
M18 212 XM9 ECC. 2.5MM	
REGGIANA RIDUTTORI	
Planetary Reduction Gears	



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In 2017 RR Holland has been the specialist in the design and manufacturing of planetary gearboxes for hydraulic, mechanic and electric transmissions for 25 years already. With the extensive knowledge and years of experience of our sales engineers we can help you with all technical issues you may have. Our passion for drive technology ensures that we can find an answer to all your questions concerning our products. Speed and accuracy are our trademarks; RR Holland assembles in-house and has a large stock to ensure a quick delivery, at a good price.

RR Holland is part of Reggiana Riduttori S.R.L. Italy.

RR Holland: Driven by technology

TIMELINE

1992



START OF REGGIANA RIDOTTORI HOLLAND

1995



START OF RR HOLLAND BV ON NEW LOCATION IN WESTSTAD - OOSTERHOUT (NL)

2011



START OF RR HOLLAND BV ON NEW LOCATION IN WESTSTAD - OOSTERHOUT (NL)

2017

**25
YEARS**



25 YEAR ANNIVERSARY OF RR HOLLAND

SALES, ASSEMBLY & SERVICE

RR Holland has a modular stock system. The components for almost all possible gearboxes are on stock. This enables us to offer a great advantage to our customers; we can react fast at every moment. The gearboxes are assembled according to the customer's needs.

RR Holland has years of experience in the production of gearboxes. The applications are numerous. We work together with various sectors such as the agriculture, maritime & offshore, mobile, sugar, forestry, mining and the heavy industry.

Our sales engineers can assist you with all technical issues as well as 2D and 3D drawings. And of course, we are always available for questions or backup. That is part of our service!

ENGINEERING

Also for special projects RR Holland is your partner to contact. We can react swiftly to market demands. Together with our customers we discuss the best possible solution.

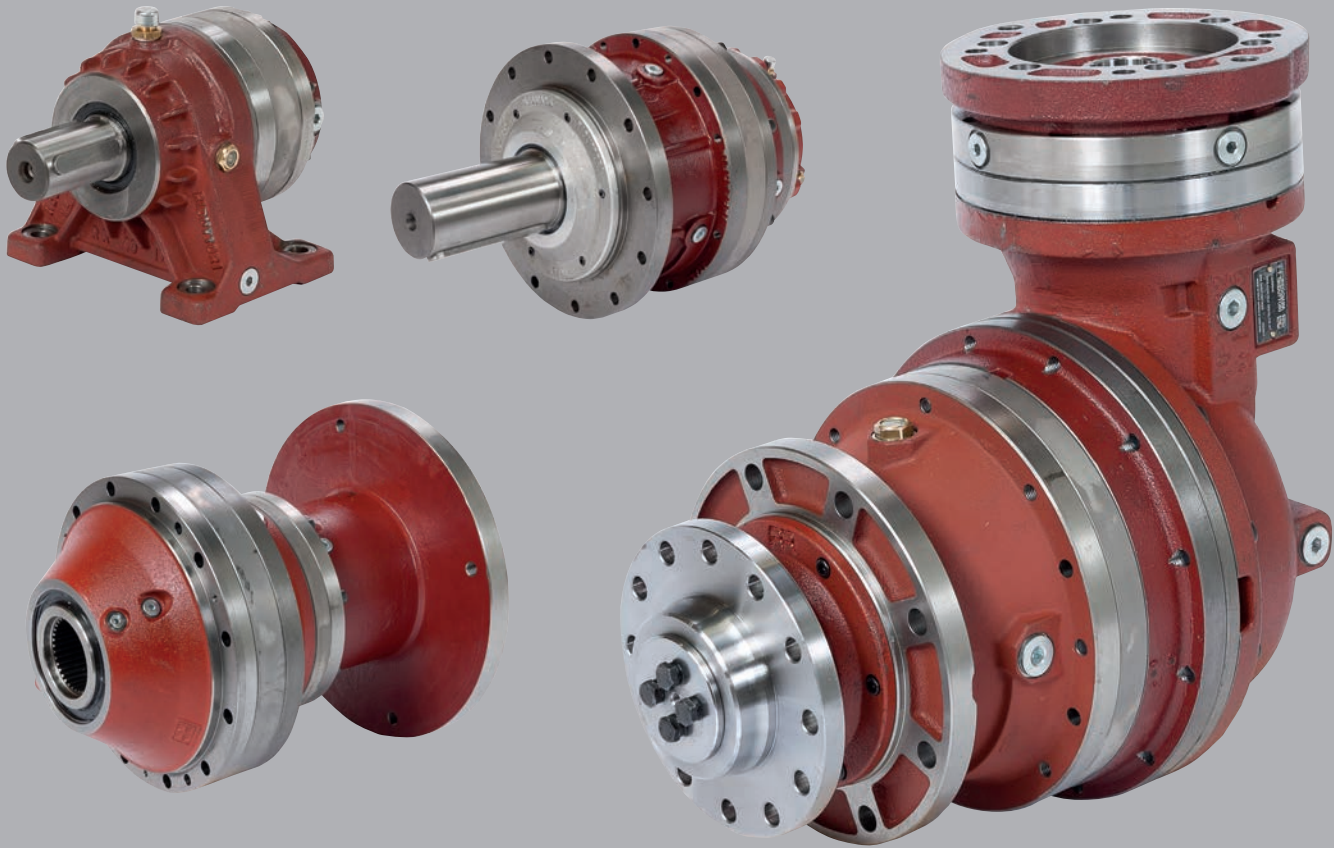
We can draw the design and deliver the gearbox within a short period of time. Within our company we have gathered lots of knowledge and experience over the years and many of our employees have a technical background. Due to this we are able to deliver customized solutions and work on special projects. You can be assured that the price-quality ratio is excellent. RR Holland offers the complete package. All the necessary expertise is in-house, such as 2D and 3D drawing. If we have the required data, we can help you with the design thanks to our specialized software.

SERIES 2000

Reliable and well established

The 2000 series of linear and bevel planetary gears offers excellent modularity and flexibility.

The multitude of ratio combinations and the output configurations for ten different gear sizes and five bevel stages, make this range perfect for all those circumstances where compactness, long life, ease of installation and quick delivery times are required.



Model	T2 (Nm)	T2max (Nm)	Ratio
RR 65	680	1200	3.51 ÷ 239.48
RR 105	850	1800	3.21 ÷ 305.23
RR 110	1000	2000	3.31 ÷ 295.98
RR 210	1650	2500 (M../ FS) - 3300 (S..)	3.31 ÷ 1938.54
RR 310	2600	5500 (M../ FS) - 6500 (S..)	3.40 ÷ 2136.64
RR 510	4800	7000 (M../ FS) - 7500 (S..)	3.40 ÷ 2190.89
RR 710	5300	8500 (M../ FS) - 9300 (S..)	4.00 ÷ 1956.15
RR 810	8500	14500	3.92 ÷ 2691.66
RR 1010	13500	17500	4.00 ÷ 2469.60
RR 1700	18100	26500	3.90 ÷ 2212.06

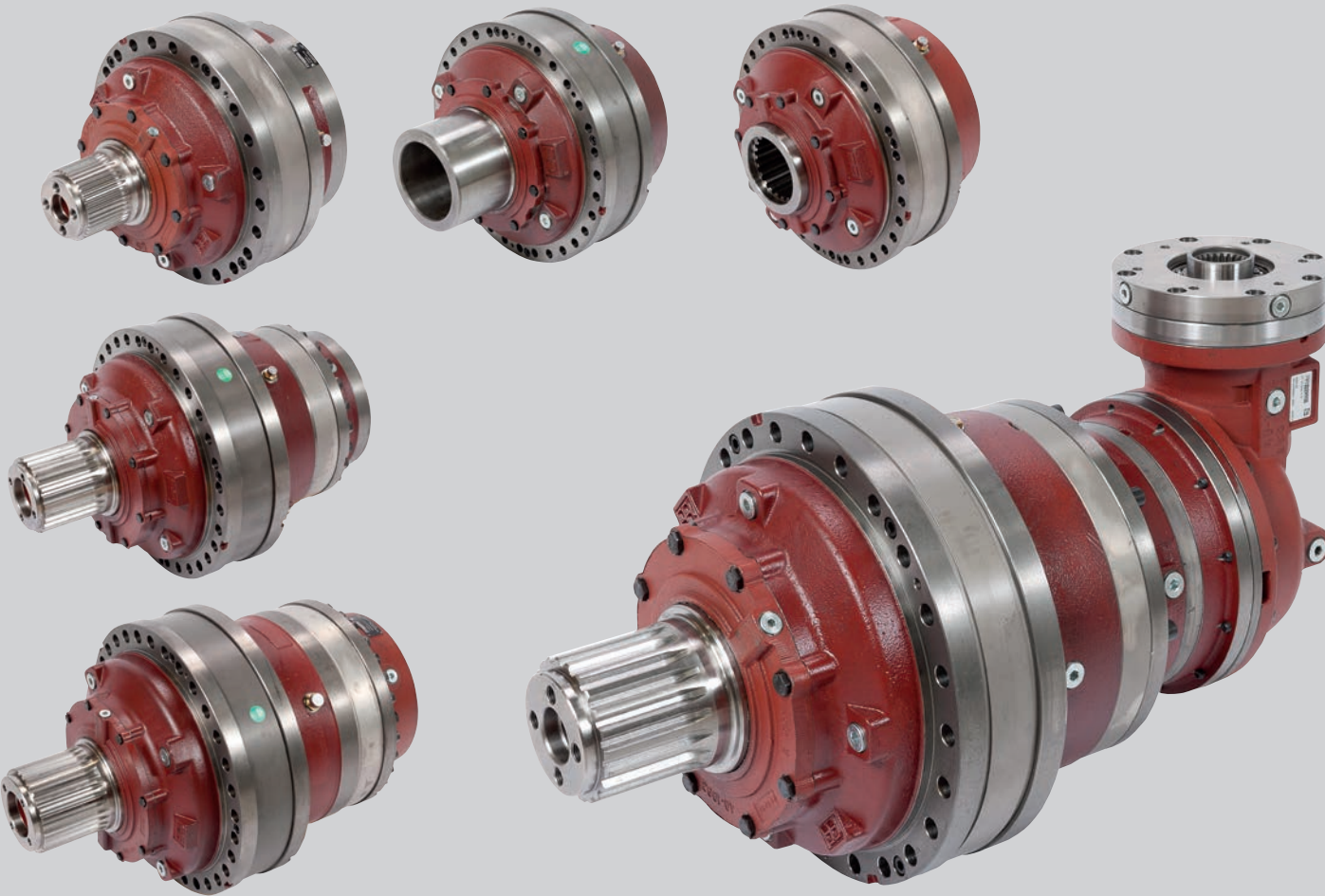
SERIES PLUS

Innovative and great performance

This series has represented a technological revolution as far as planetary transmission is concerned and can be found in the 18 different sizes available, ranging from 25.000 Nm to 2.400.000 Nm. This is the result of new studies that ensure maximum performance while still being very compact and with a truly incomparable price/performance ratio.

The Plus Series is suitable for all application sectors but more particular for the mining, marine and industrial sectors.

Model	T2 (Nm)	T2max (Nm)	Ratio
RR 2500	25000	37000	4 ÷ 2495.56
RR 3200	33000	58000	4 ÷ 2005.23
RR 4000	40000	75000	4.17 ÷ 1910.05
RR 5200	52000	92000	4.17 ÷ 1803.20
RR 6500	68000	12500	4.17 ÷ 2064.71
RR 8000	80000	160000	4.17 ÷ 1695.65
RR 10000	100000	190000	4.17 ÷ 1600.80
RR 15000	150000	275000	4.17 ÷ 1511.25
RR 20000	210000	395000	4.17 ÷ 1730.42
RR 25000	280000	580000	4.17 ÷ 1341.62
RR 40000	420000	790000	4.17 ÷ 1266.57
RR 55000	560000	950000	4.17 ÷ 1180.44



WHEEL GEARS (RRWD)

Strong and compact

Multiple different sizes that guarantee compactness, resistance to high loads, axial and radial load capacity and with a wide choice of ratios, designed for hydraulic and electric drives. Our wheel gears are made with alloyed steel to guarantee maximum performance combined with high resistance to impact and to radial and axial stresses.

Model	T2 (Nm)	T2max (Nm)	Ratio
RRWD 200	900	2000	6.09
RRWD 270	1510	2500	5.78
RRWD 300	1300	3000	5.27
RRWD 500D-10"	2500	4500	15.00 ÷ 29.38
RRWD 500D-12"	2500	5500	15.00 ÷ 29.38
RRWD 600D	3400	7000	17.20 ÷ 56.20
RRWD 800D	4300	10000	22.14 ÷ 53.00
RRWD 1700T	11000	17000	64.35 ÷ 179.44



TRACK DRIVES (RRTD)

Strong and compact

Multiple different sizes that guarantee compactness, resistance to high loads, axial and radial load capacity and with a wide choice of ratios, designed for hydraulic and electric drives. Our track drives are made with alloyed steel to guarantee maximum performance combined with high resistance to impact and to radial and axial stresses.

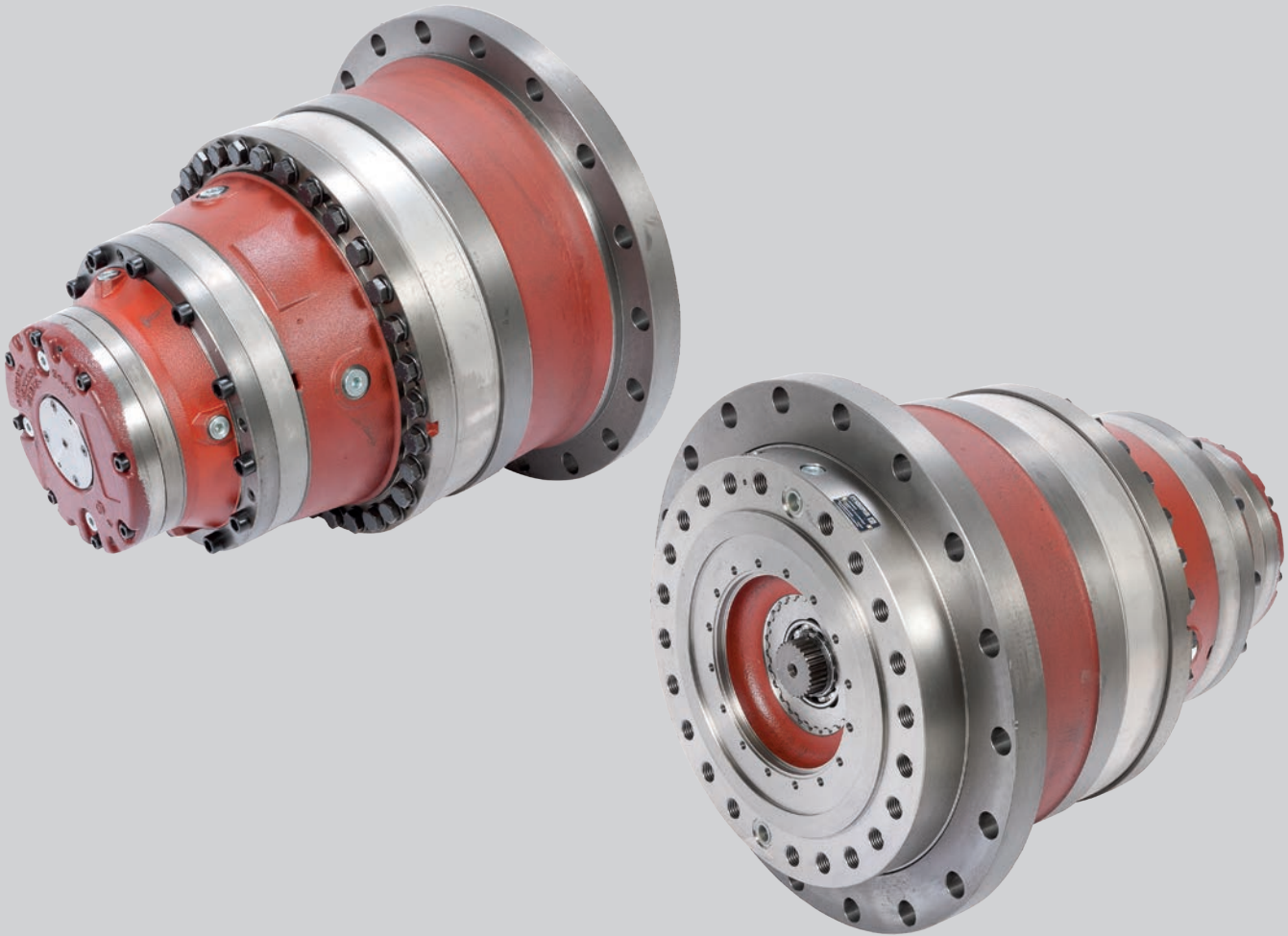
Model	T2 (Nm)	T2max (Nm)	Ratio
RRTD 100	600	1000	5.54
RRTD 300	1900	3000	6.09
RRTD 800D	4300	10000	22.14 ÷ 53.00
RRTD 1000D	4900	10000	23.72 ÷ 39.97
RRTD 1700T	11000	17000	64.35 ÷ 179.44
RRTD 1701T	9530	17000	77.95 ÷ 170.24
RRTD 2400T	17000	24000	63.00 ÷ 139.00
RRTD 3600T	24900	36000	67.36 ÷ 161.00
RRTD 5000T	29200	50000	73.85 ÷ 146.39



WINCH DRIVES (W)

W drives have been designed to offer a compact and flexible product and to resist intense application cycles. Our gear units are easy to maintain even when assembled in the drum, as all the interfaces are on the motor side. A guaranteed long life time and resistance to high torque peaks are just a couple of the many features of our W range. Our winch drives can be equipped with brakes and custom made accessories to ensure a perfect and simple assembly on your system.

Model	T2 FEM (NM)	Static torque T2max (Nm)	Ratio	Min Inner Drum Diameter
RR 3200 W3	39000	72000	65 ÷ 189	410
RR 5200 W3	61000	105000	70 ÷ 176	470
RR 6500 W3	78000	140000	62 ÷ 185	550
RR 10000 W3	116000	190000	64 ÷ 147	580
RR 15000 W3	169000	300000	64 ÷ 147	645
RR 20000 W4	234000	400000	258 ÷ 1180	750
RR 25000 W4	316000	600000	267 ÷ 915	850
RR 40000 W4	460000	800000	267 ÷ 864	910
RR 55000 W4	660000	1100000	274 ÷ 805	1020



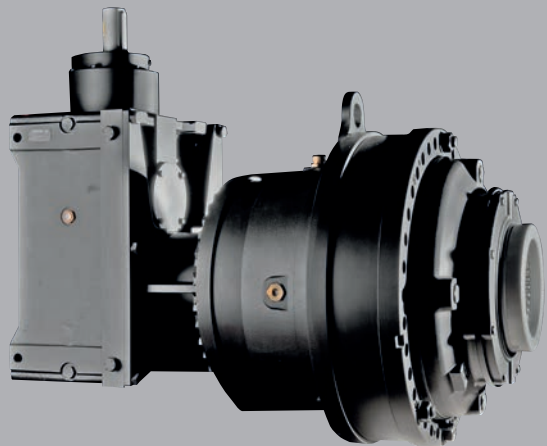
COMBINED GEAR UNITS

Essential Power

Combined gears have been designed to offer new compact solutions with a great performance for heavy-duty work cycles.

The solidity of the planetary technology and the high power capacity of the helical gear geometries ensure the force necessary for heavy industry applications. The keys of success of this range are the total customisation and the service of our qualified technicians that optimise the efficiency and scheduling of plant commissioning.

Model	T2 (Nm)	T2max (Nm)	Ratio	P Nominal (kW)
20000/70	210000	395000	90 ÷ 450	150
25000/70	280000	580000	90 ÷ 450	200
40000/80	420000	790000	90 ÷ 450	360
55000/80	560000	950000	90 ÷ 450	450
70000/90	700000	1200000	90 ÷ 450	550
85000/100	850000	1500000	90 ÷ 450	700
110000/60	1100000	2000000	100 ÷ 600	900
150000/70	1500000	2700000	100 ÷ 600	1200
190000/70	1900000	3650000	100 ÷ 600	1500
240000/80	2400000	4300000	100 ÷ 600	1800



HELICAL GEARS

Quality made to measure

This line of helical and bevel-helical gears meets with outstandingly high quality standards, offering total customisation of each single unit.

Available on request, highly skilled resources are dedicated to making these gears, determining and perfecting the solution most indicated for each application.

Model	T2 (Nm)	Ratio	P Nominal (kW)
50	15000	1.1 ÷ 500	Up to 600
60	20000	1.1 ÷ 500	Up to 800
70	26000	1.1 ÷ 500	Up to 1000
80	40000	1.1 ÷ 500	Up to 1300
90	55000	1.1 ÷ 500	Up to 1800
100	80000	1.1 ÷ 500	Up to 2200
110	125000	1.1 ÷ 500	Up to 3500



SLEWING GEARS

The planetary series dedicated to slewing applications boasts 13 different sizes with peak torque ranging between 1.200 Nm and 230.000 Nm.

The reinforced output supports of this series and its compact dimensions offer reliability in applications with high radial loads. All sizes are available in the version with an integral pinion or a slide-on pinion, all can be accessorised with a wide range of components and negative brakes.

Certificates of leading recognised Bodies are available on request.

Model	T2 FEM (Nm)	Peak static torque (Nm)	Ratio	Pinion Modules
RR 1800	17000 ÷ 27000	40000	25 ÷ 307	12 ÷ 16
RR 2500	20000 ÷ 34000	70000	30 ÷ 351	16 ÷ 18
RR 3200	25000 ÷ 44000	80000	32 ÷ 286	16 ÷ 18
RR 4000	35000 ÷ 59000	100000	29 ÷ 272	16 ÷ 22
RR 5200	46000 ÷ 76000	120000	30 ÷ 257	16 ÷ 22
RR 6500	65000 ÷ 100000	160000	65 ÷ 294	18 ÷ 24
RR 8000	64000 ÷ 112000	200000	67 ÷ 242	20 ÷ 24
RR 10000	89000 ÷ 143000	230000	67 ÷ 229	20 ÷ 24



BRAKES (RF)

That extra safety

Our range of negative lamella brakes is the winning accessory when an emergency brake is needed for plant safety reasons.

Available in a modular configuration for mounting on reduction gears or in a direct configuration on orbital motors or, on request, a version with a backstop device is also available.

The brake range is certified with DNV type approval.

Model		TF (Nm)
RF2/	DG-RF/288	60 ÷ 600
	DG-RF/289	60 ÷ 600
	DG-RF/290	60 ÷ 600
RF5/	DG-RF/313	180 ÷ 1360
	DG-RF/314	180 ÷ 1360
	DG-RF/315	180 ÷ 1360
	DG-RF/316	180 ÷ 1360
	DG-RF/392	180 ÷ 1360
	DG-RF/396	180 ÷ 1360





FLOOR DRIVE TECH

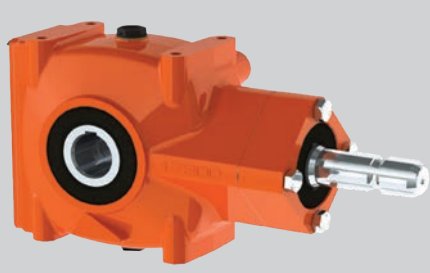
Berma products are employed in a wide range of uses. Product versions vary from the 450 Nm torque in RT45 model to 10000 Nm of RT1000, with ratios of 2:1 in RT45 to 43.6:1 in RT500.



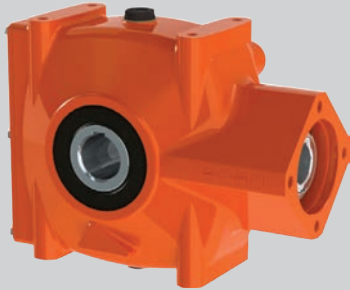
RT 45



RT 90



RT 120 + PDF



RT 145



RT 100 + PDF



RT 120



RT 190



RT 210

Model	Input	Ratio	Output torque
RT 45	ø25	1,9 : 1	450 Nm
RT 50	ø25 / ø32	1,9 : 1	500 Nm
RT 90	ø25	3,1 : 1	900 Nm
RT 90-EC	ø25 / ø32	3,1 : 1	900 Nm
RT 90-EC + PDF	ø1 3/8" Z6	3,1 : 1	900 Nm
RT 100	ø25 / ø32	3,1 : 1	1000 Nm
RT 100 + PDF	ø1 3/8" Z6	3,1 : 1	1000 Nm
RT 110	ø25 / ø32	3,1 : 1	1000 Nm
RT 120	ø25	4,1 : 1	1200 Nm

Model	Input	Ratio	Output torque
RT 120 + PDF	ø1 3/8" Z6	4,1 : 1	1200 Nm
RT 130	ø25 / ø32	4,1 : 1	1300 Nm
RT 145	ø25 / ø32	4,1 : 1	1400 Nm
RT 145 + PDF	ø1 3/8" Z6	4,1 : 1	1400 Nm
RT 150	ø25	12,1 : 1	1500 Nm
RT 160	ø25	8,4 : 1	1500 Nm
RT 190	ø25	10,2 : 1	1900 Nm
RT 200	ø25	16,4 : 1	2000 Nm
RT 210	ø25	16,4 : 1	2000 Nm



RT 250



RT 300



RT 500



RT 520



RT 360



RT 420



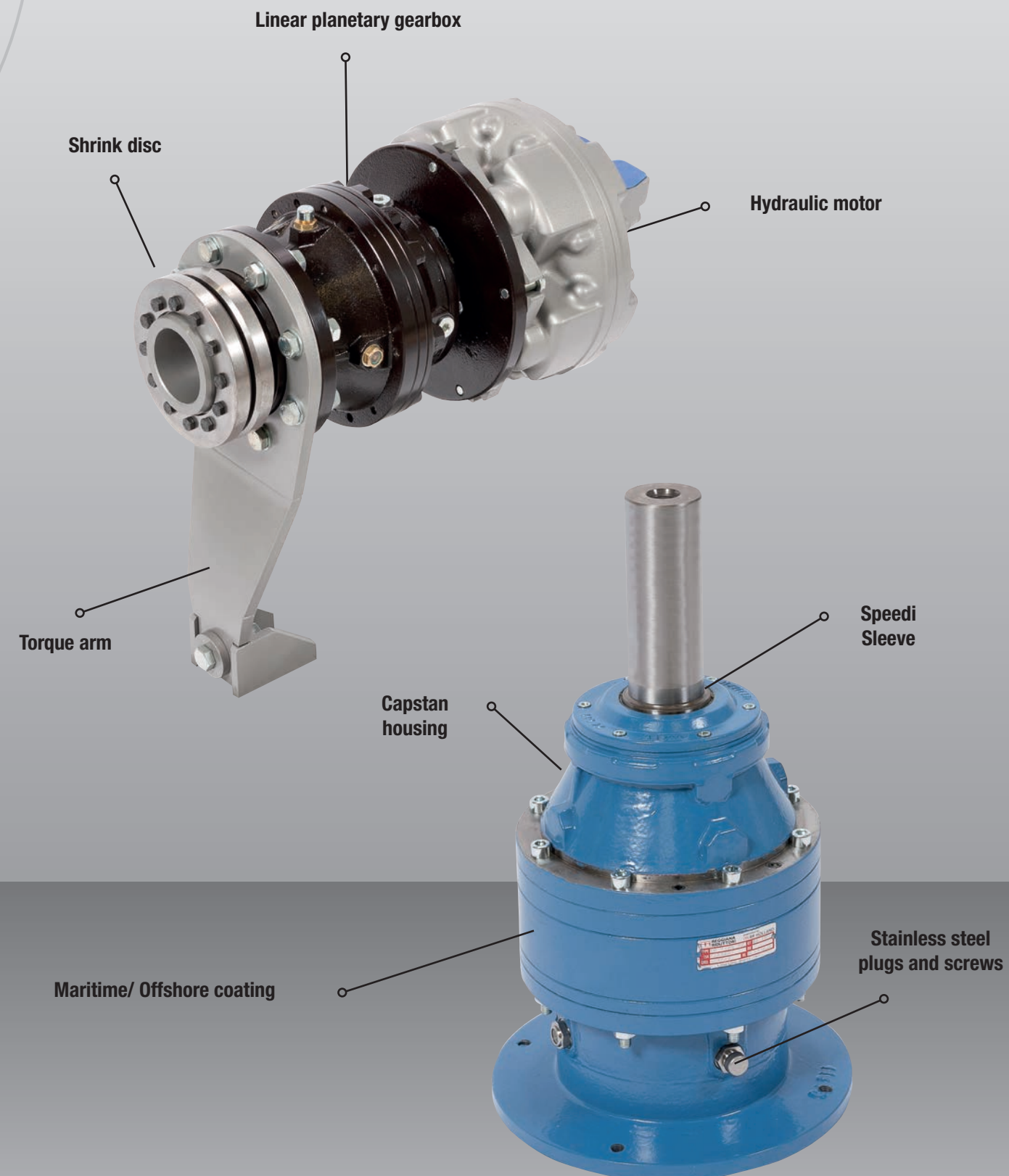
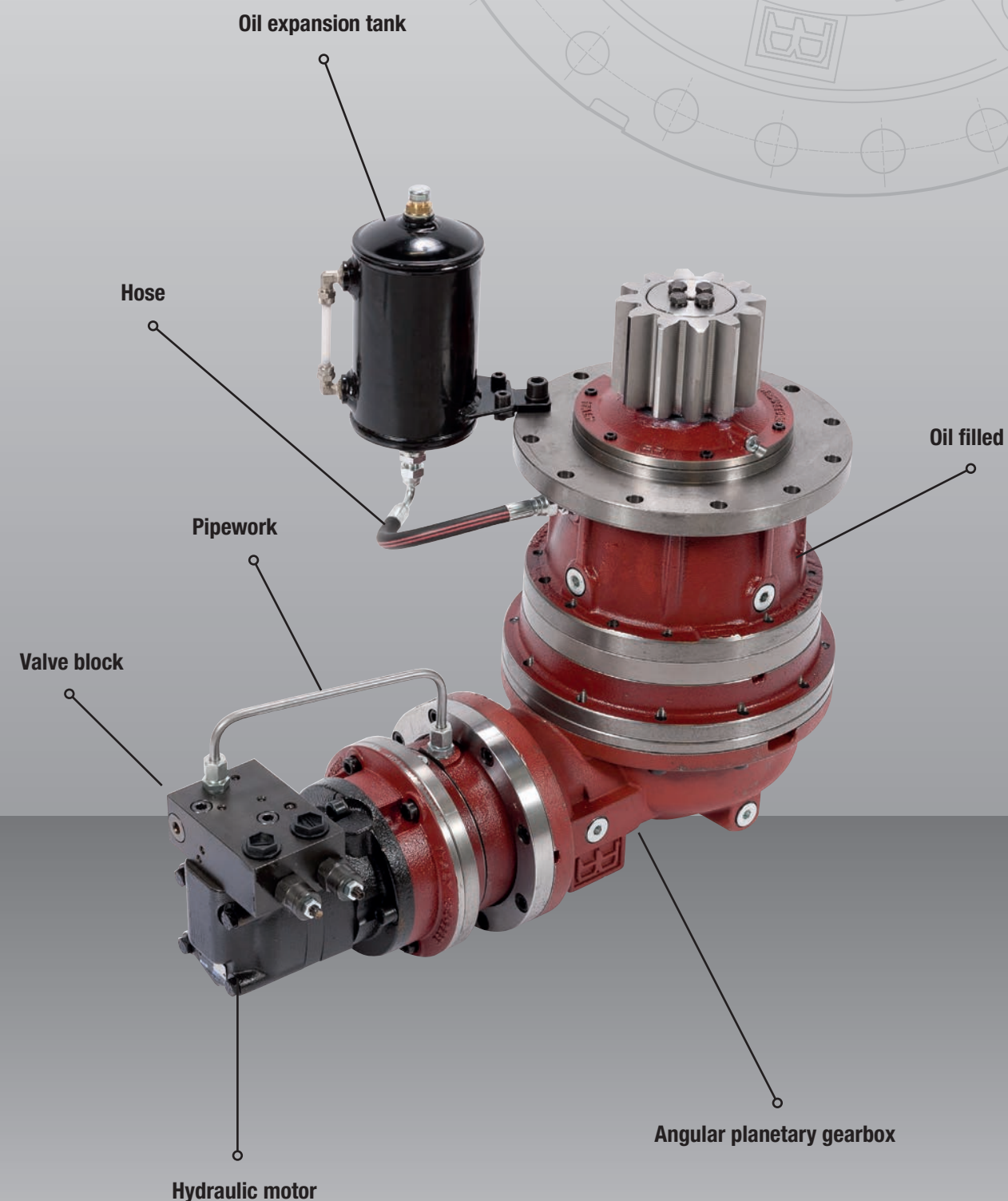
RT 560



RT 1000

Model	Input	Ratio	Output torque
RT 250	ø25	21,1 : 1	2600 Nm
RT 260	ø25	21,1 : 1	2600 Nm
RT 300	ø25	29,5 : 1	3000 Nm
RT 320	ø25	29, 5 : 1	3000 Nm
RT 350	ø25	31,4 : 1	3500 Nm
RT 350-I	ø25	31,4 : 1	3500 Nm
RT 360	ø25	31,4 : 1	3500 Nm
RT 360 + PDF	ø1 3/8" Z6	31,4 : 1	3500 Nm
RT 400	ø25	35,2 : 1	3900 Nm

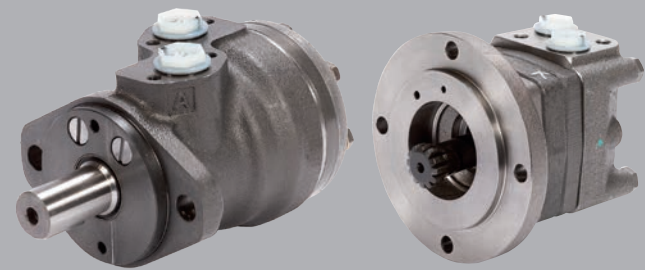
Model	Input	Ratio	Output torque
RT 400-2V	ø25	35,2 : 1 / 17,8 : 1	3900 Nm
RT 420	ø25	35,2 : 1	4000 Nm
RT 430-B	ø32	10,9 : 1	4300 Nm
RT 500	ø25	43,6 : 1	5000 Nm
RT 500 + PDF	ø1 3/8" Z6	43,6 : 1	5000 Nm
RT 520	ø25	43,6 : 1	5000 Nm
RT 650	ø25 / ø32	37,8 : 1	6400 Nm
RT 800	ø25 / ø32	31,7 : 1	8000 Nm
RT 1000	ø25 / ø32	38,7 : 1	9700 Nm



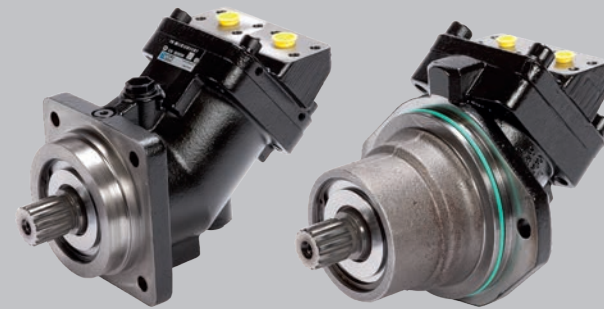
**COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV
= ISO 9001 =**



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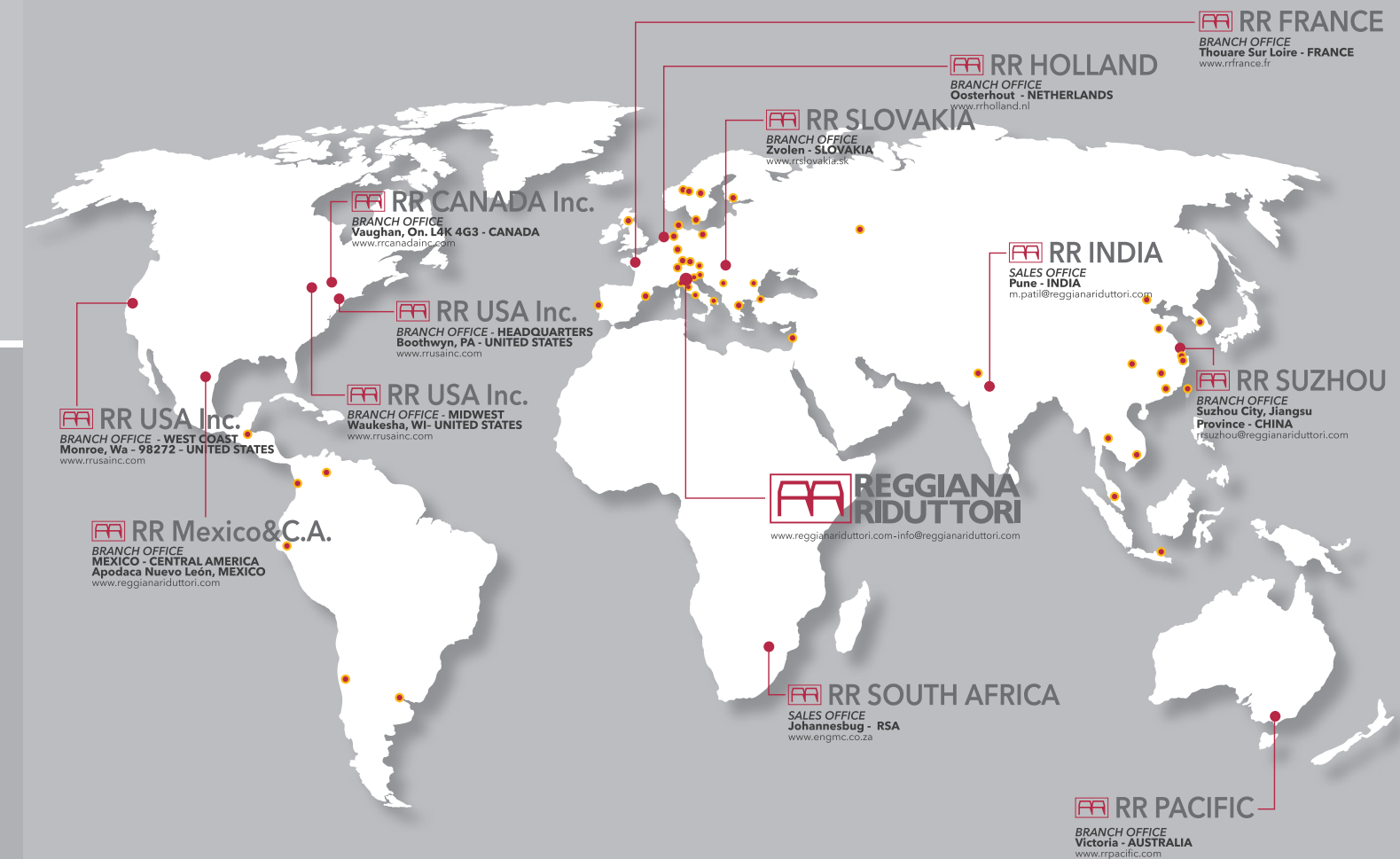


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SALES NETWORK

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