



TRI-R DIESEL-DRIVEN COMPONENTS

FLEXIBLE COUPLINGS



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TRI-R Diesel-Driven Components

The TRI-R Coupling is particularly suitable for resiliently mounted engines. The elasticity of the ring element is determined by the rubber composition. The axial rigidity is adjustable by the perforated diaphragm.

Applications:

Generator systems, marine main and auxiliary drives

For more information about our flexible couplings visit www.stromag.com

FEATURES

Adaptable integration

Providing a solution that can be seamlessly adapted to various requirements and assemblies

Vibration management

Multiple torsional stiffnesses and component configurations guarantee optimal management of torsional vibration, thereby ensuring the drive trains reliability

Misalignment capacity

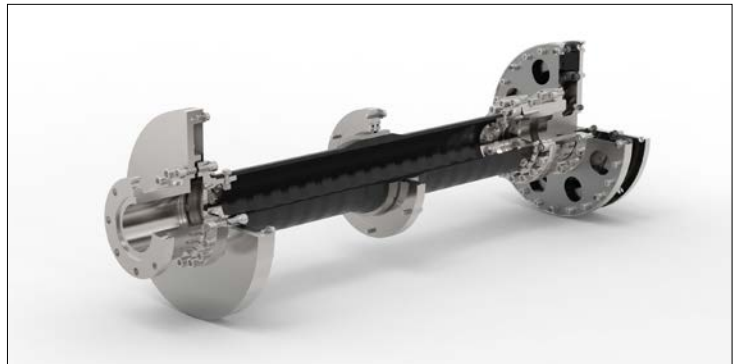
The flexible ring elements and membrane ensures multi directional misalignment capabilities



SPECIAL DESIGNS

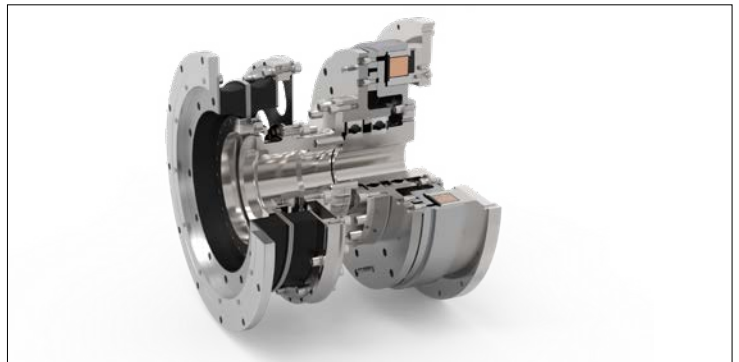
Customizable Solutions:

TRI-R coupling combined with carbon fiber shaft and bulkhead seal.



Adaptive Solutions:

Up to four rubber elements arranged in sequence to achieve the optimal stiffness for the drive train.



Hybrid Solutions:

Combination between a flexible coupling and a switchable clutch from one manufacturer.

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Coupling size	Nominal Torque	Max. Torque	
	T _{KN} [Nm]	T _{Kmax1} [Nm]	T _{Kmax2} [Nm]
311 R 312 R 313 R	1,300 1,700 2,000	1,950 2,550 3,000	3,900 5,100 6,000
321 R 322 R 323 R	1,800 2,200 2,600	2,700 3,300 3,900	5,400 6,600 7,800
411 R 412 R 413 R	2,300 3,000 4,000	3,450 4,500 6,000	6,900 9,000 12,000
421 R 422 R 423 R	3,500 3,800 5,200	5,250 5,700 7,800	10,500 11,400 15,600
431 R 432 R 433 R	4,400 5,600 6,700	6,600 8,400 10,050	13,200 16,800 20,100
511 R 512 R 513 R	7,200 9,400 11,400	10,800 14,100 17,100	21,600 28,200 34,200
521 R 522 R 523 R	9,800 13,000 14,800	14,700 19,500 22,200	29,400 39,000 44,400
641 R 642 R 643 R	16,000 16,000 16,000	24,000 24,000 24,000	48,000 48,000 48,000
741 R 742 R 743 R	20,000 20,000 20,000	30,000 30,000 30,000	60,000 60,000 60,000
841 R 842 R 843 R	25,000 25,000 25,000	37,500 37,500 37,500	75,000 75,000 75,000
941 R 942 R 943 R	31,500 31,500 31,500	47,250 47,250 47,250	94,500 94,500 94,500
1041 R 1042 R 1043 R	40,000 40,000 40,000	60,000 60,000 60,000	120,000 120,000 120,000
1141 R 1142 R 1143 R	50,000 50,000 50,000	75,000 75,000 75,000	150,000 150,000 150,000
1241 R 1242 R 1243 R	63,000 63,000 63,000	94,750 94,750 94,750	189,000 189,000 189,000
1341 R 1342 R 1343 R	80000 80000 80000	120000 120000 120000	240000 240000 240000
1441 R 1442 R 1443 R	100000 100000 100000	150000 150000 150000	300000 300000 300000
1541 R 1542 R 1543 R	125000 125000 125000	187500 187500 187500	375000 375000 375000



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