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RegalRexnord™





TRI-R DIESEL-DRIVEN COMPONENTS

FLEXIBLE COUPLINGS

FLEXIBLE COUPLINGS

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

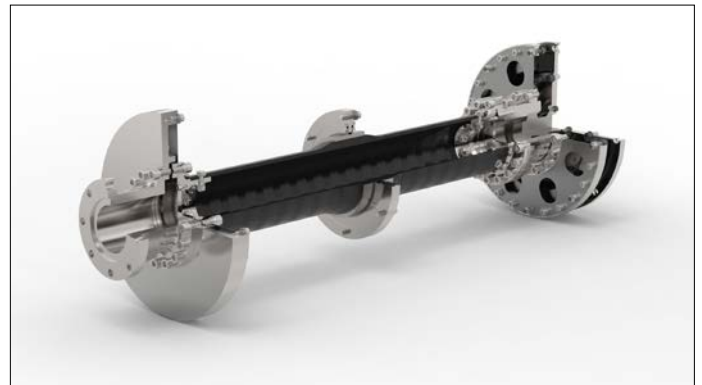
The flexible ring elements and membrane ensures multi directional misalignment capabilities



SPECIAL DESIGNS

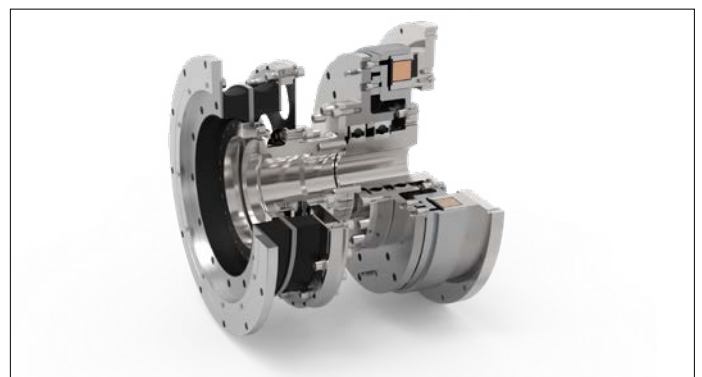
Customizable Solutions:

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

FLEXIBLE COUPLINGS

TRI-R Diesel-Driven Components

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