

Design Features include:
- Split-in-half flex element design for simplified assembly and disassembly
- Torsionally soft flex element cushions shock loads and vibration, extending equipment life
- Interchangeable hubs allow for reduced inventory
- Polyurethane-to-metal bond eliminates assembly and slippage problems associated with mechanically clamped designs
- Material flexing design allows visual inspection during operation
- Element "V" Notch design provides a uniform failure area for overload protection if required

Applications:
- Pumps
- Compressors
- Industrial fans
- Mixers

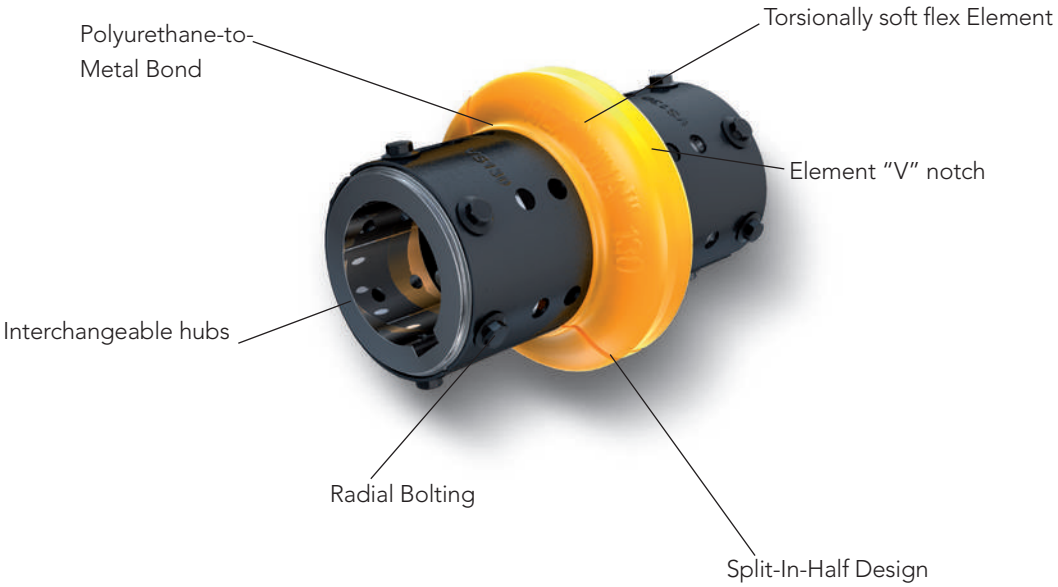
Industry Compliant:
- ATEX II 2GD c T5

Special design options:
- Rexnord Viva Spline Bore Hub
- Rexnord Viva Positive Drive Coupling
- Rexnord Viva Keyless Hub / Bushing Design
- Limited end float
- Bolt-on brake

Rexnord Viva VS
Elastomer Coupling

Customer-focused solutions.
Reliable Performance.
Trusted Brands.
You want a trusted name when it comes to providing engineered power transmission products that improve productivity and efficiency. Rexnord® provides superior products for your industrial applications world wide. We work closely with you to reduce maintenance costs, eliminate redundant inventories and prevent equipment downtime.

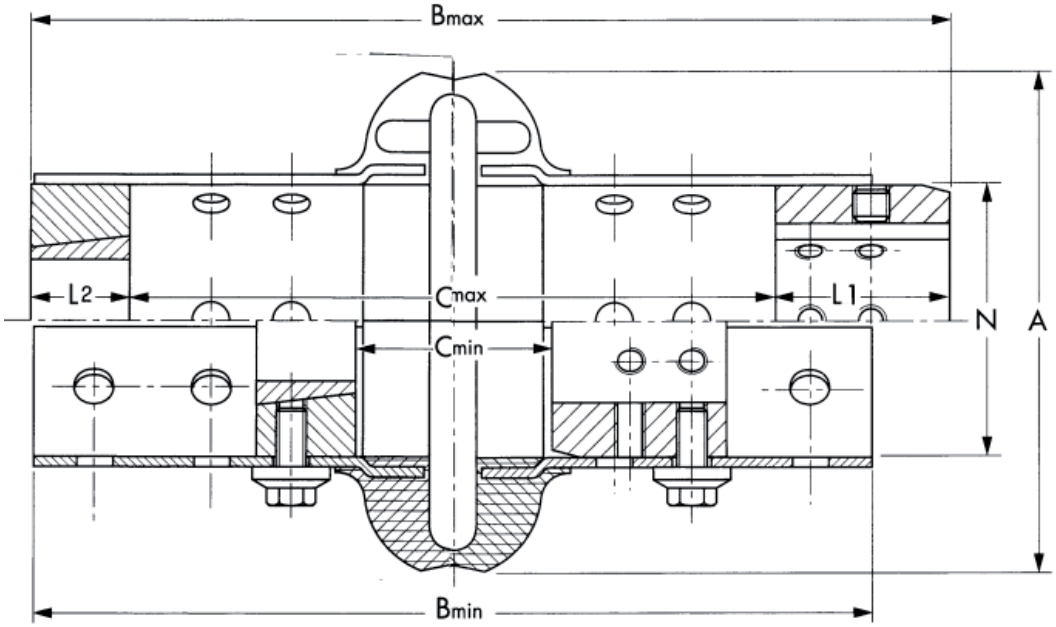
Rexnord Viva VS
The Rexnord Viva® is a unique general purpose elastomeric coupling with split element design providing easy assembly and replace-in-place service. Available in close coupled and spacer sizes. This unique design permits faster installation and reduced inventories by providing multiple distance between shaft ends using the same elements and hubs. The design is a perfect solution for pump applications.



ATEX II 2GD c T5



Torque Demands Driven Machine	Typical Application for Electric Motor or Turbine Driven Equipment	Typical Service Factor
	Constant torque such as centrifugal pumps blowers and compressors	1.0
	Continuous duty with some torque variations including plastic extruders and forced draft fans	1.5
	Light shock loads from metal extruders, cooling towers and log haulers	2.0
	Moderate shock loading as expected from a car dumper, stone crusher, vibrating screen	2.5
	Heavy shock load with some negative torques from reciprocating pumps, compressors, reversing turnout tables	3.0
	Frequent torque reversals such as reciprocating compressors with frequent torque reversals which do not necessarily include reverse rotations	Consult Rexnord Engineering



Viva size	Tnom Nm	n max min-1	D1 Dmax mm	D2 Taper Bush	Dmax mm	A mm	B min. mm	B max. mm	C(1) min. mm	C(1) max. mm	C(2) min. mm	C(2) max. mm	L1 mm	L2 mm	N mm	m* kg	J* kgm²
110	62	4 300	38	1 108	28	110	182	217	43	140	75	140	38	22	60	1,7	0,00148
125	105	4 300	48	1 108	28	125	191	225	54	148	86	148	38	22	70	2,1	0,00254
130	164	4 200	55	1 310	35	130	182	227	33	140	69	140	41	25	80	2,6	0,00378
150	250	4 000	65	1 610	42	150	235	280	51	180	96	180	51	25	95	5,0	0,0100
170	308	4 000	65	1 610	42	170	235	280	51	180	96	180	51	25	95	5,1	0,0113
190	412	3 900	75	2 012	50	190	235	283	48	180	89	180	52	32	114	6,6	0,0213
215	662	3 800	80	2 517	60	215	251	308	50	180	90	180	64	45	140	11	0,0430
245	938	3 700	95	3 020	75	245	259	324	40	195	92	180	65	51	171	16	0,0947
290	1412	3 600	110	3 020	75	290	315	403	80	257	132	250	73	51	215	29	0,240
365	3200	2 600	127	3 535	90	365	368	480	67	250	66	250	90	90	235	52	0,493
425	5580	1 800	155	4 040	100	425	368	524	54	250	45	250	114	102	285	97	1,340
460	6270	1 800	165	4 545	110	460	368	548	67	250	20	250	124	114	302	110	1,980

*weight (m) and inertia (J) with maximum bore and key way • Dimension (C1) finished bore hubs - C(2) with Taper Bush hubs

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