



Rexnord Viva® V

Precision. Power. Performance.

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.

Applications include:

- ▶ pumps
- ▶ compressors
- ▶ industrial fans
- ▶ mixers

Rexnord Viva® V

The Rexnord Viva is a unique general purpose elastomer coupling with split element design providing easy assembly and replace-in-place service. Available in close coupled and spacer designs. These unique designs permits faster installation and reduced inventories by providing multiple distance between shaft ends using the same elements and hubs. Rexnord Viva V design is use on close coupled applications.



Ex II 2GD T5

Rexnord Viva® V

Features

- ▶ Split-In-Half Element
- ▶ Torsionally Soft
- ▶ Interchangeable Hubs

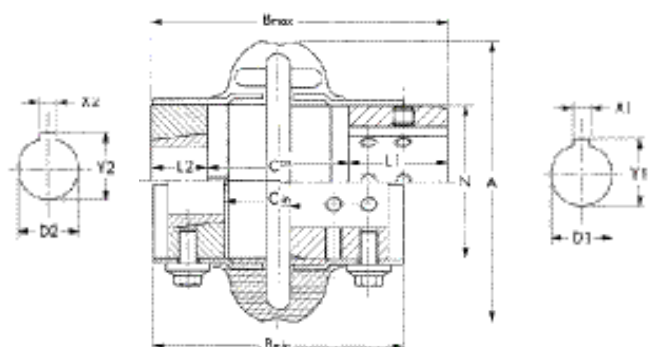
Benefits

- ▶ Ease of installation
- ▶ Visual inspection
- ▶ Excellent vibration damping
- ▶ Low inventory requirements



Taper Bush hub

Finished bore hub



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 Bush size 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	m* kg	J* kgm
110	62	5 400	38	1108 28	110	97	132	9	55	41	55	38	22	60	1,4	0,00123
125	105	5 400	42	1108 28	125	98	132	9	55	41	55	38	22	70	1,7	0,00202
130	164	5 100	55	1310 35	130	97	142	7	55	35	55	41	25	80	2,1	0,00310
150	250	4 800	65	1610 42	150	111	156	9	60	54	66	51	25	95	4,2	0,00900
170	308	4 800	65	1610 42	170	111	156	9	60	54	66	51	25	95	4,3	0,00931
190	412	4 600	75	2012 50	190	116	164	7	60	47	60	52	32	114	5,5	0,0173
215	662	4 300	80	2517 60	215	134	191	11	64	51	61	64	45	140	10	0,0303
245	938	4 100	95	3020 75	245	137	202	7	73	50	57	65	51	171	14	0,076
290	1412	3 900	110	3020 75	290	153	241	8	94	40	87	73	51	215	25	0,192
365	3200	3 600	127	3535 90	365	200	311	20	131	20	131	90	90	235	42	0,373
425	5580	2 000	155	4040 100	425	247	361	19	133	44	132	114	102	285	85	1,180
460	6270	2 000	165	4545 110	460	267	380	19	132	38	132	124	114	302	93	1,720

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



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