REXNORD
PRECISION. POWER. PERFORMANCE.

Rexnord Viva® VS

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

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.

Ex II 2GD T5

Rexnord Viva® VS

Features

- Split-In-Half Element
- Torsionally Soft
- Interchangeable Hubs
- Adjustable Spacer

Benefits

- Ease of installation
- Visual inspection
- Vibration damping
- Low inventory requirements
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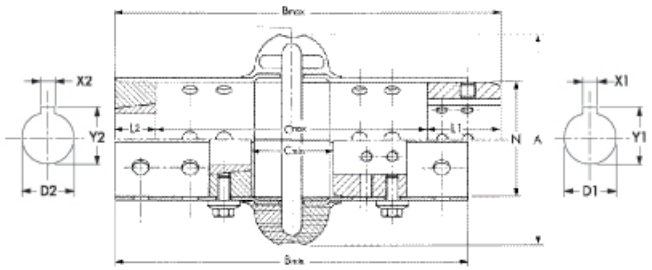
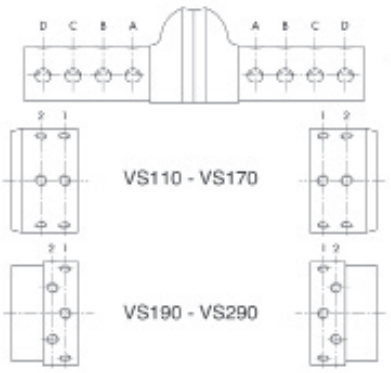
Taper Bush hub Finish bore hub



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	D2 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	4 300	38	1108	28	110	182	217	43	140	75	140	38	22	60	1,7	0,00148
125	105	4 300	42	1108	28	125	191	225	54	148	86	148	38	22	70	2,1	0,00254
130	164	4 200	55	1310	35	130	182	227	33	140	69	140	41	25	80	2,6	0,00378
150	250	4 000	65	1610	42	150	235	280	51	180	96	180	51	25	95	5,0	0,0100
170	308	4 000	65	1610	42	170	235	280	51	180	96	180	51	25	95	5,1	0,0113
190	412	3 900	75	2012	50	190	235	283	48	180	89	180	52	32	114	6,6	0,0213
215	662	3 800	80	2517	60	215	251	308	50	180	90	180	64	45	140	11	0,043
245	938	3 700	95	3020	75	245	259	324	40	195	92	180	65	51	171	16	0,0947
290	1412	3 600	110	3020	75	290	315	403	80	257	132	250	73	51	215	29	0,2400
365	3200	2 600	127	3535	90	365	368	480	67	250	66	250	90	90	235	52	0,493
425	5580	2 000	155	4040	100	425	368	524	54	250	45	250	114	102	285	97	1,340
460	6270	2 000	165	4545	110	460	368	548	67	250	20	250	124	114	302	110	1,98

*weight and inertia with maximum bore and key way • Dimension C(1) finished bore hubs - C(2) with Taper Bush hubs



Viva	ISO (mm)				ANSI (in)				
Size	100	140	180	250	3,5	5	7	9,5	10
110	C2-B1	C1-C1			B1-B1	C2-C1			
125	B1-B1	C1-C2*			B1-B2	C2-C2*			
130	B2*-C2*	C1-C1			B1-B1	C2*-C2*			
150	B1-B1	C1-C1	D1-D1		B1*-D1*	D1*-D1*	D1-D2*		
170	B1-B1	C1-C1	D2-D2		D1*-D1*	D1*-D1*	D1-D2*		
190	B1-B1	C1-C1	D1-D1		C1*-C1*	D1*-D1*	D1-D1		
215	B1-B1	C1-C1	D1-D1		C1*-C1*	D1*-D1*	D1-D1		
245	B2*-C2	D1-C1*	D2-D1		B1*-D1*	B2-C1	D1-C1		
290	B2*-B1*	B2*-B1	C1-B2*	C2-C1	B1*-B2*	C2*-B1*	B2-B1	C1-C2	
365		C1*-C1*	B1-B1	C1-C1		B1-B1*	B1-B1	C2-B2	C2-D2
425		C1*-C1*	B1-B1	C1-C1		B1-B2*	B1-B1	C2-B2	C2-D2
460		C1*-C1*	B1-B1	C1-C1		B1-B2*	B1-B1	C1-D2	C1-D1

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