

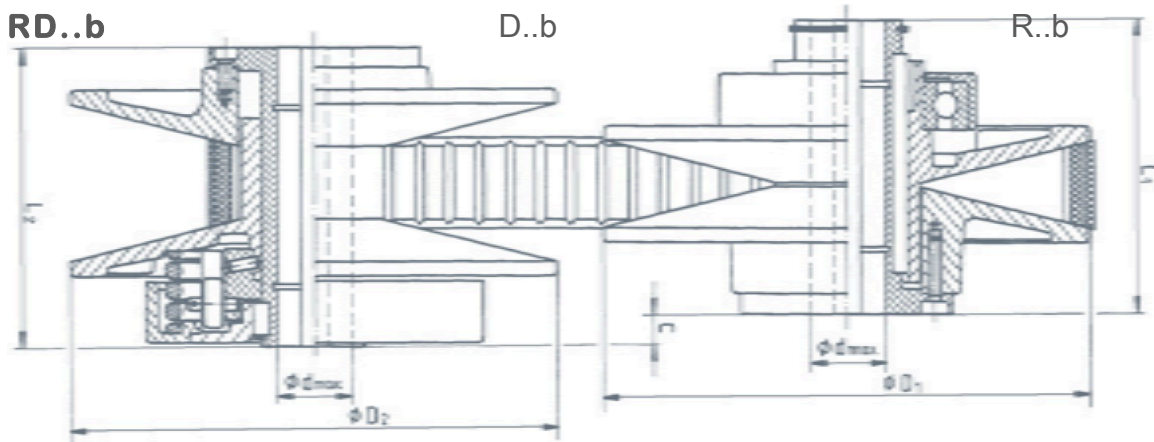
TVT AMERICA, INC.

210 EAST MAIN: PO BOX 103
HOLDENVILLE, OK 74848



RD..b Pulley/Belt Drives from Berges

- Berges with TLC (Torque Limiting Cam).
- Symmetrical pulleys for wide V-Belts.
- Adjusting Variable Diameter pulley on driving shaft.
- Spring Loaded Variable Diameter torque control pulley on driven shaft.
- Distance between shafts is constant.
- Wide Speed Range possible (8.5~1).
- Power range from 10 hp (7.5kw) to 225 hp (160kw).



Type	Range	Motor	kW	n Max	n Min	P _{max}	P _{min}	D ₁	L ₁	D ₂	L ₂	d _{max}	V-Belt
RD210b	1:7.5	1740	7.5	4764	636	6.7	1.9	220	122	220	135	38	37x10
RD280b	1:8.5	1746	15	5088	600	13.5	4.1	296	162	296	182	42	55x15
RD350b	1:7.4	1758	30	4800	648	27.0	9.6	346	195	346	215	55	70x18
RD400b	1:5.0	1770	55	3090	618	49.5	16.8	372	220	420	250	65	83x23
RD500b	1:4.0	1776	110	2393	604	99.0	36.5	470	280	580	305	80	83x26
RD600b	1:3.0	1776	160	2358	786	145	75.0	506	360	596	400	100	87x28

Berges RD type double pulley & belt drive system uses the same R mechanically adjusting pulley as found in the industry standard Berges RF series, with the addition of Berges D type torque control pulley. The RD is the evolution of Berges leadership in variable speed pulley systems. The D (Output) pulley operates as a normal spring pulley up to nominal power, beyond this the D pulleys integrated control cam locks the pulley into a rigid sheave. The RD..b system allows a high protection against overload. The RD..b is not suited to reversing operations.



TVT America offers the full range of genuine Berges Variable Speed Belt Drives. For replacement pulleys and belts, it is helpful to remember that type "D" is the Spring Tension pulley, and "R" is the Adjusting pulley. In example, to replace the Spring pulley from a RD210b-38 set, the part required is a D210b-38 pulley. If a belt is required, the RD210b-38 set would be a 37x10.. the length of the belt is required; in example 37x10x1000LI would signify a 1000mm length belt for the size 37x10. TVT America Engineering & Sales team is available to assist you with all of your Berges Variable Pitch Pulley & Belt questions, sales, and engineering inquiries.

