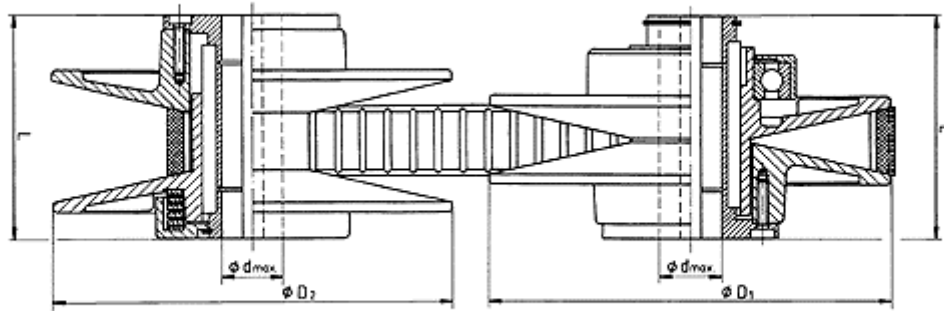


Double pulley drive for wide V-belts

RF b

P1 max. = 160 kW



RF b

A mechanical variable pulley Rb, mounted on the driving shaft (motor shaft) and a spring-loaded variable pulley Fb, mounted on the driven shaft* form a variable pulley set with constant center distance RF b. Also suitable for reversing operation.

Optimum pressure spring characteristics in the spring-loaded variable pulley guarantee a favourable power ratio over the whole speed range.

* Reverse arrangement possible on request.

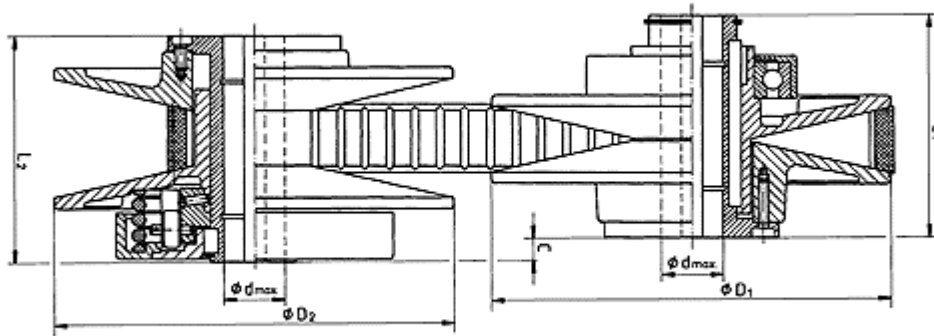
RF b:

Type	Speed range	Motor	kW	n max.	n min.	P max.	P min.	D1	L	D2	dmax.	Wide V-belt
RF 080 b	1: 5,5	1370	0,37	3210	585	0,33	0,17	91,4	50	91,4	14	17 x 6
RF 100 b	1: 5,5	1410	1,5	3260	595	1,35	0,55	120	72	120	24	22 x 7
RF 130 b	1: 7,0	1410	1,5	3733	534	1,35	0,53	135	72	135	24	22 x 7
RF 190 b	1:10,5	1410	1,5	4560	435	1,35	0,75	190	90	190	24	28 x 8
RF 150 b	1: 6,5	1420	3,0	3595	555	2,7	0,9	159	90	159	28	28 x 8
RF 190 b	1: 9,0	1420	3,0	4230	470	2,7	0,85	190	90	190	28	28 x 8
RF 196 b	1: 8,0	1430	4,0	4040	505	3,6	1,2	198	110	198	28	33 x 10
RF 235 b	1:10,5	1430	4,0	4610	439	3,6	1,6	236	122	236	32	37 x 10
RF 210 b	1: 7,5	1450	7,5	3970	530	6,7	1,85	220	122	220	38	37 x 10
RF 250 b	1: 7,5	1450	11,0	3970	530	9,9	2,7	255	145	255	42	47 x 12
RF 280 b	1: 8,5	1455	15,0	4240	500	13,5	4,1	296	162	296	42	55 x 15
RF 300 b	1: 7,2	1460	22,0	3920	545	19,8	6,1	305	185	305	48	51 x 16
RF 350 b	1: 7,4	1465	30,0	4000	540	27,0	10,0	346	195	346	55	70 x 18
RF 375 b	1: 5,3	1475	45,0	2760	520	40,5	16,0	346	220	390	60	83 x 23
RF 400 b	1: 5,0	1475	55,0	2575	515	49,5	16,8	372	220	420	65	83 x 23
RF 450 b	1: 4,4	1480	75,0	2770	630	67,5	21,2	450	280	470	80	83 x 26
RF 500 b	1: 4,0	1480	110,0	1992	498	99,0	36,5	470	280	580	80	83 x 26

Double pulley drive for wide V-belts

RD b

P1 max = 160 kW



RD b

This drive unit has a torquedependent control cam in addition to the pressure springs to absorb intermittent overloading or torque peaks.

The output pulley operates as a spring pulley up to the nominal power. From this point, the integrated control cam makes the output pulley function like a rigid V-belt drive.

Double pulley drives of the type RD b therefore offer a high level of protection against overloading. Not suitable for reversing operation.

RD b:

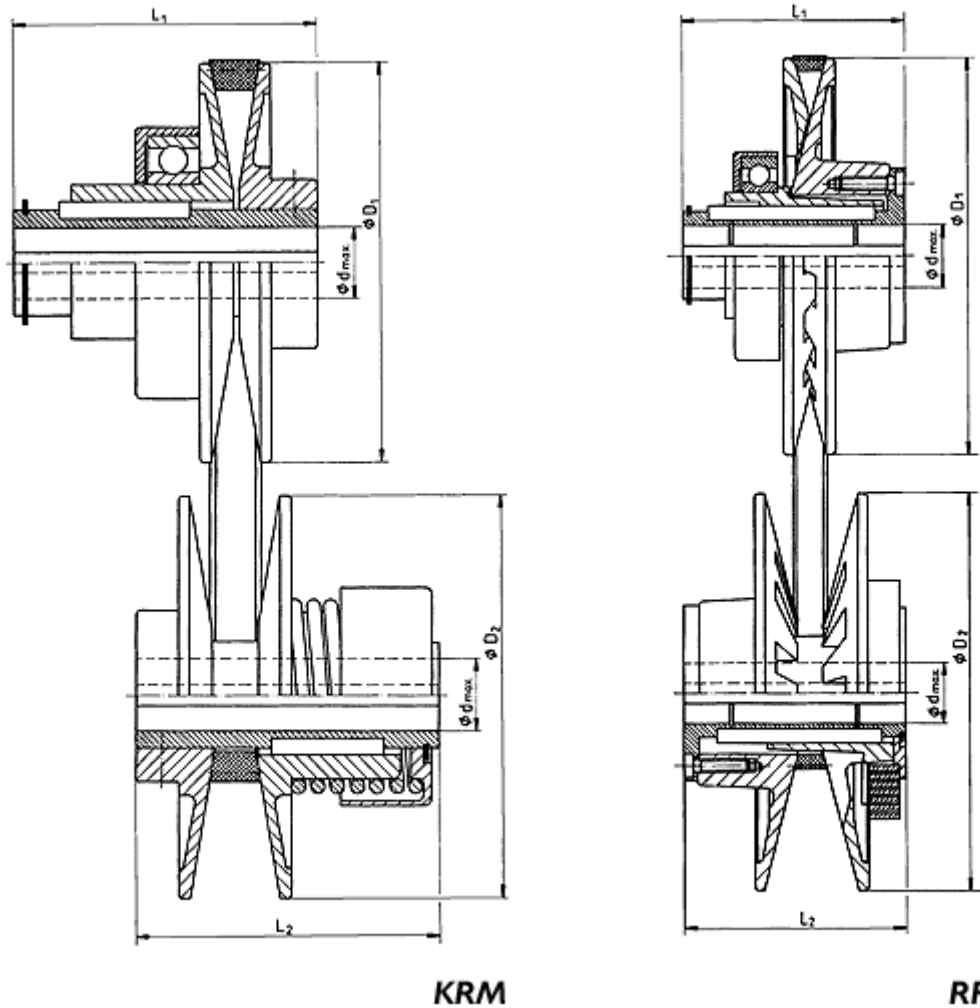
Type	Speed range	Motor	kW	n max.	n min.	P max.	P min.	D1	L1	D2	L2	dmax.	C	Standard V-belt
RD 210 b	1:7,5	1450	7,5	3970	530	6,7	1,85	220	122	200	135	38	21	37 x 10
RD 280 b	1:8,5	1455	15,0	4240	500	13,5	4,1	296	162	296	182	42	35,5	55 x 15
RD 350 b	1:7,4	1465	30,0	4000	540	27,0	10,0	346	195	346	215	55	38	70 x 18
RD 400 b	1:5,0	1475	55,0	2575	515	49,5	16,8	372	220	420	250	65	33	83 x 23
RD 500 b	1:4,0	1480	110,0	1992	498	99,0	36,5	470	280	580	305	80	25	83 x 26
RD 600 b	1:3,0	1480	160,0	1965	655	145,0	75,0	506	360	596	400	90	40	87 x 28

Double pulley drive for standard V-belts

KRM + RF

P1 max. = 5,5 kW

These drive units are designed for use with standard V-belts in special applications. The KRM type pulleys are designed as smooth pulleys and RF types with interlacing pulley sheaves.



KRM:

Type	Speed range	Motor	kW	n max.	n min.	P max.	P min.	D1	L1	D2	L2	dmax.	Standard V-belt
KRM 80.10	1:6,0	1370	0,25	3280	550	0,33	0,13	80	60	80	65	14	10 x 6
KRM105.13	1:6,0	1370	0,55	3350	560	0,68	0,41	105	80	105	80	19	13 x 8
KRM127.17	1:6,0	1420	0,75	3480	580	1,0	0,46	127	80	127	80	24	17 x 11

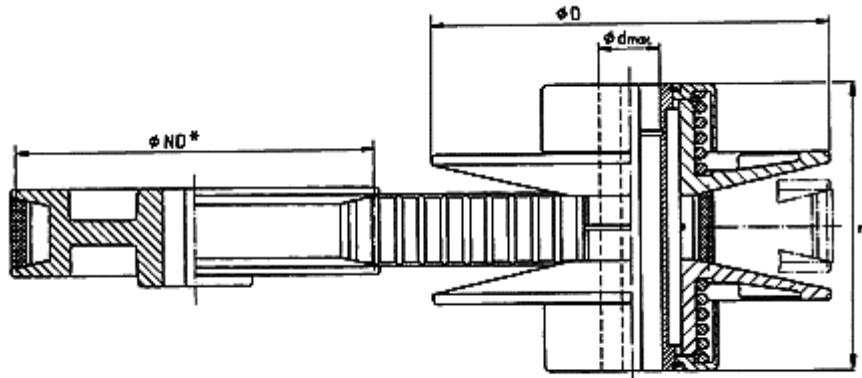
RF:

Type	Speed range	Motor	kW	n max.	n min.	P max.	P min.	D1	L1	D2	L2	dmax.	Wide V-belt
RF 100	1:5,0	1370	0,37	3065	612	0,33	0,14	110	72	110	72	24	10 x 6
RF 150	1:6,5	1410	1,5	3595	550	1,4	0,6	158	90	158	90	24	13 x 8
RF 210	1:8,0	1420	3,0	4100	500	2,7	1,4	220	122	220	122	32	17 x 11
RF 280	1:8,5	1450	5,5	4230	497	4,7	2,7	292	162	292	162	42	22 x 14

Single pulley drive for wide V-belts

Fsb

P1 max. = 55 kW



*Please enquire

Fsb

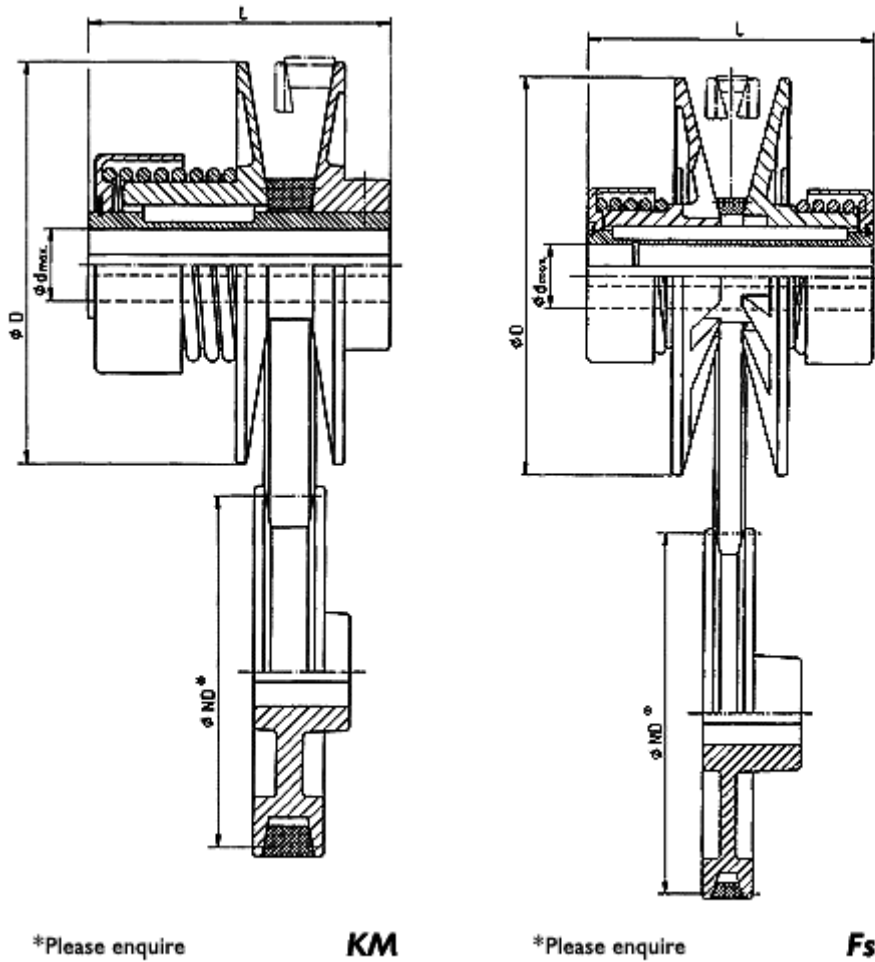
In this system, a spring pulley which opens on both sides (Fsb) is used in conjunction with a fixed driven pulley.

Speed adjustment takes place by adjusting the center distance by way of the motor carriage or tilting base. The spring-loaded variable pulley is mounted on the drive shaft as standard. Reverse arrangement possible on request.

Fsb:

Type	Speed range	Motor	kW	P max.	P min.	D1	L	dmax.	Wide V-belt
F 100 sb	1:2,3	1380	0,75	0,66	0,29	120	80	24	22 x 7
F 130 sb	1:2,6	1380	0,75	0,67	0,26	135	80	24	22 x 7
F 150 sb	1:2,5	1410	1,5	1,35	0,55	159	115	28	28 x 8
F 190 sb	1:3,2	1410	1,5	1,35	0,44	190	115	28	28 x 8
F 210 sb	1:2,7	1420	3,0	2,7	1,2	220	148	38	37 x 10
F 235 sb	1:3,2	1420	3,0	2,7	1,0	236	148	32	37 x 10
F 250 sb	1:3,2	1430	4,0	3,6	1,5	255	170	42	47 x 12
F 280 sb	1:2,9	1450	7,5	6,7	2,4	296	190	42	55 x 15
F 325 sb	1:2,8	1450	11,0	9,9	3,8	346	240	48	70 x 18
F 350 sb	1:2,7	1450	18,5	16,6	7,0	346	240	55	72 x 22
F 400 sb	1:2,7	1475	30,0*	27,0	11,35	420	300	65	83 x 23

A fixed driven pulley is required in each case for use with these single pulley drives for standard V-belts. The spring-loaded variable pulley can be opened either on one side (KM) as a smooth pulley or on both sides (Fs) as an interlacing type pulley. The spring loaded pulley is mounted on the drive shaft as standard. Reverse arrangement possible on request.



KM:

Type	Speed range	Motor	kW	P max.	P min.	D	L	dmax.	Standard V-belt
KM 80.10	1:2,4	1350	0,18	0,16	0,07	80	65	14	10 x 6
KM 105.13	1:2,4	1380	0,55	0,5	0,20	105	80	19	13 x 8
KM 127.17	1:2,4	1380	0,75	0,67	0,28	127	80	24	17 x 11

Fs:

Type	Speed range	Motor	kW	P max.	P min.	D	L	dmax.	Standard V-belt
F 100 s	1:2,2	1370	0,37	0,33	0,19	110	80	24	10 x 6
F 150 s	1:2,5	1410	1,1	1,0	0,4	158	115	28	13 x 8

F 210 s	1:2,8	1420	3,0	2,8	0,9	220	148	38	17 x 11
F 280 s	1:2,9	1450	5,5	5,0	1,7	292	190	42	22 x 14