

ASYMMETRICAL PULLEYS

Double Pulley Drive RF, RFN

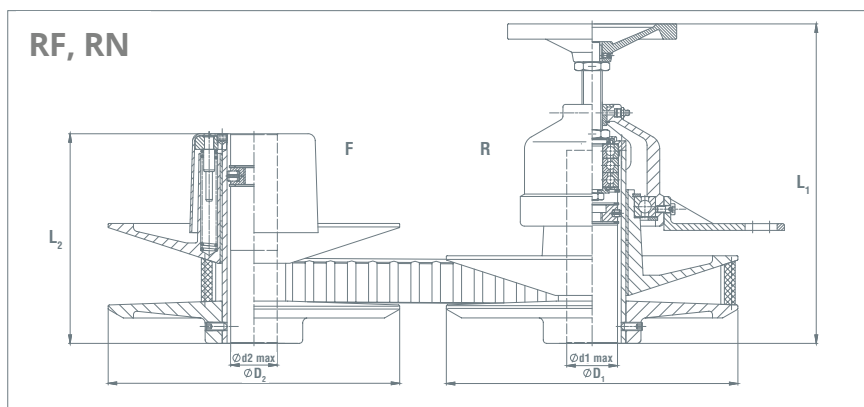
RF, RFN

$P_{1max.} = 45,0 \text{ kW}$

Asymmetrical Control Unit RF, RFN for engine power 0.37 – 45 kW, consisting of:

- mechanically adjustable control pulley R with integrated central adjustment device
 - spring-loaded pulley F
 - type FN with increased pulley diameter for lower output speeds

The axial pressure on the V-belt is achieved by compression springs. This drive system is characterised by high dynamics when the rotational speed changes. It can be used for reverse operation as well.



Double pulley drive RF, RFN

type	control range max.	motor n_1 in 1/min P_1 max in kW		n_2 max 1/min	n_2 min 2/min	P_2 max kW	P_2 min kW	D1 mm	L1 mm	D2 mm	L2 mm	d1 max. mm	d2 max. mm	dimensions V-belt mm
RF1	5,0	1470	1,1	3210	670	1,0	0,4	125	163	125	88	24	28	18
RFN12	4,0	1470	1,5	1980	500	1,4	0,4	125	163	175	103	24	25	18
RF2	7,7	1470	2,2	4100	530	2,0	0,6	175	206	175	103	28	25	27
RF2	5,0	1470	3,0	3220	670	2,7	0,9	175	206	175	103	28	25	27
RFN23	5,0	1470	4,0	2090	430	2,7	0,6	175	206	210	116	28	28	27
RFN23	2,0	1470	4,0	1470	800	3,6	1,4	175	206	210	116	28	28	27
RF3	8,0	1470	4,0	4080	520	3,6	1,3	210	230	210	120	38	28	30
RF3	6,0	1470	5,5	3600	590	5,0	1,7	210	230	210	120	38	28	30
RFN34	5,5	1470	5,5	2420	470	5,0	1,4	210	230	245	143	38	38	30
RF4	8,0	1470	7,5	4080	520	6,8	1,9	245	280	245	150	42	38	36
RF4	5,0	1470	11,0	3220	660	9,9	2,8	245	280	245	150	42	38	36
RFN45	6,0	1470	11,0	2610	450	9,9	2,8	245	280	285	165	42	45	36
RF5	8,0	1470	11,0	4080	520	9,9	3,2	285	314	285	177	48	45	42
RF5	5,0	1470	15,0	3240	650	13,5	4,7	285	314	285	177	48	45	42
RFN56	5,4	1470	18,5	2380	445	16,7	3,7	285	314	345	222	48	60	42
RF6	8,0	1470	22,0	4100	520	20,0	6,2	345	379	345	248	60	60	52
RF6	4,0	1470	30,0	2880	740	27,0	12,7	345	379	345	248	60	60	52
RFN67	5,5	1470	30,0	2350	430	27,0	7,0	345	379	415	241	60	60	52
RFN67	5,0	1470	37,0	2250	460	33,5	8,3	345	379	415	241	60	60	52
RF7	6,0	1470	37,0	3540	600	33,5	16,0	415	395	415	248	65	60	57
RF7	5,0	1470	45,0	3240	650	40,5	19,2	415	395	415	248	65	60	57

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ASYMMETRICAL PULLEYS

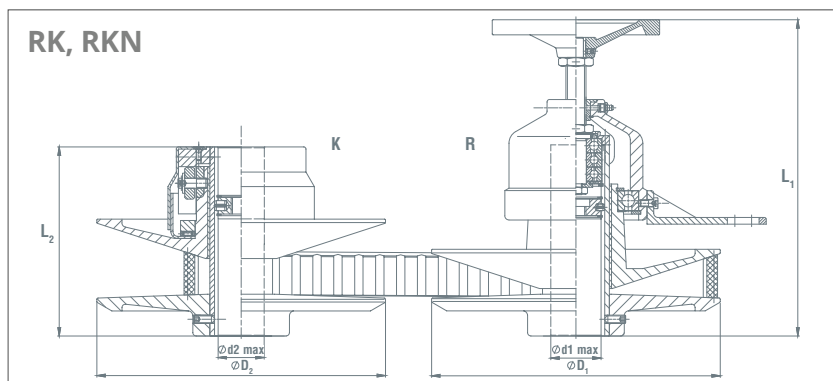
Double Pulley Drives RK, RKN

RK, RKN $P_{1max} = 150 \text{ kW}$

Asymmetrical Drive type RK, RKN for engine power 4 – 150 kW, consisting of:

- mechanically adjustable control pulley R with integrated central adjustment device
 - control-cam pulley K, with automatic torque-dependent pressing device
 - type KN with increased sheave diameter for lower output speeds

This drive system features a high level of efficiency even in the partial load range.
The system is suitable for high starting torques and offers an excellent.



type	control range max.	motor n in 1/min P_{1max} in kW		n_2 max 1/min	n_2 min 1/min	P_2 max kW	P_2 min kW	D1 mm	L1 mm	D2 mm	L2 mm	d1 max. mm	d2 max. mm	dimensions V-belt mm
RK3	8,0	1470	4,0	4080	520	3,6	1,5	210	230	210	122	38	28	30
RK3	6,0	1470	5,5	3600	590	5,00	2,0	210	230	210	122	38	28	30
RKN34	5,0	1470	5,5	2420	470	5,0	1,7	210	230	245	137	38	38	30
RK4	8,0	1470	7,5	4080	520	6,8	2,2	245	280	245	146	42	38	36
RK4	5,0	1470	11,0	3220	660	9,9	3,3	245	280	245	146	42	38	36
RKN45	6,0	1470	11,0	2610	450	9,9	3,3	245	280	285	171	42	45	36
RK5	8,0	1470	11,0	4080	520	9,9	4,2	285	314	285	183	48	48	42
RK5	5,0	1470	15,0	3240	640	13,5	6,8	285	314	285	183	48	48	42
RKN56	5,4	1470	18,5	2380	445	16,7	4,4	285	314	345	210	48	60	42
RK6	8,0	1470	22,0	4100	520	20,0	7,4	345	379	345	226	60	60	52
RK6	4,0	1470	30,0	2880	740	27,0	15,2	345	379	345	226	60	60	52
RKN67	5,5	1470	30,0	2350	430	27,0	8,4	345	379	415	251	60	60	52
RKN67	5,0	1470	37,0	2250	460	33,5	9,9	345	379	415	251	60	60	52
RKN68	5,2	1470	37,0	2020	390	33,5	8,1	345	379	450	315	60	75	52
RK7	6,0	1470	37,0	3540	600	33,5	19,2	415	395	415	260	65	60	57
RK7	5,0	1470	45,0	3240	650	40,5	23,0	415	395	415	260	65	60	57
RK7	2,0	1470	55,0	2040	1040	49,5	47,0	415	395	415	260	65	60	57
RKN78	5,2	1470	45,0	2900	560	40,5	19,2	415	395	450	323	65	75	57
RKN78	4,0	1470	55,0	2520	640	49,5	25,0	415	395	450	323	65	75	57
RK8	5,0	1470	55,0	3220	660	49,5	24,5	450	460	450	345	75	75	57
RK8	2,3	1470	75,0	2210	960	67,5	41,0	450	460	450	345	75	75	57
RKN89	4,0	1470	75,0	1940	500	67,5	28,0	450	460	560	380	75	85	57
RN9	3,0	1470	90,0	1870	650	81,0	40,0	560	570	560	380	85	85	66
RN9	2,5	1470	110,0	1740	710	100,0	50,0	560	570	560	380	85	85	66
RN9	2,0	1470	150,0	1820	890	135,0	75,0	560	570	560	380	85	85	66

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ASYMMETRICAL PULLEYS

Single Pulley Drives FG

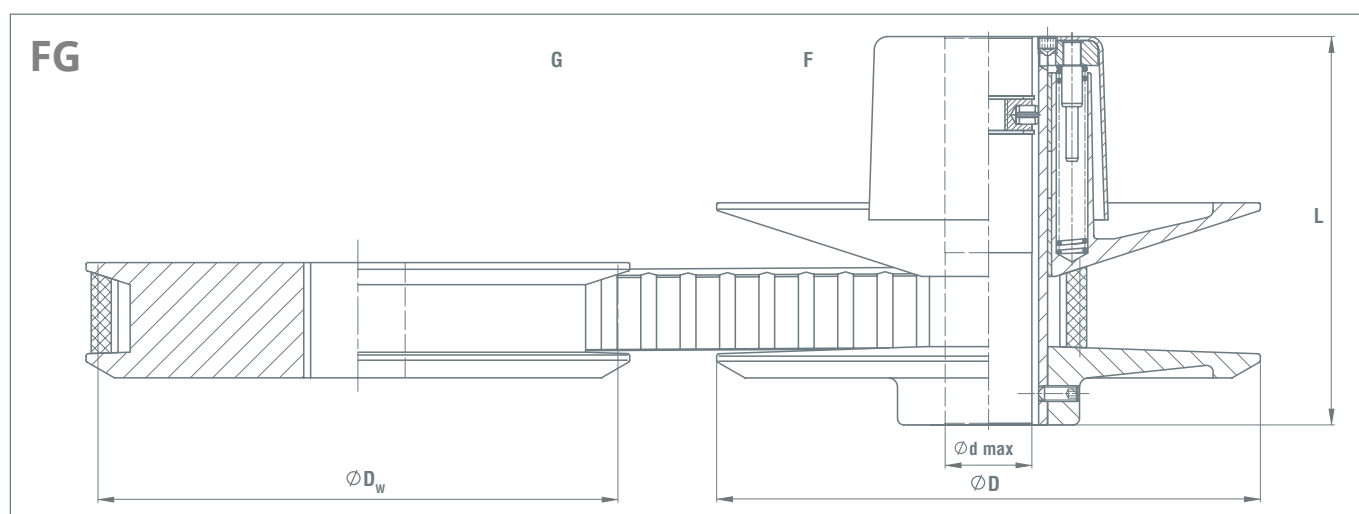
FG $P_{1max.} = 45 \text{ kW}$

Asymmetrical Drive type FG, for engine power 0.75 – 45 kW consisting of:

- Spring-loaded pulley F (mounted on the motor shaft)
- fixed counter pulley G (is mounted on the machine or gear shaft)

The axial pressure of the V-belt is achieved by compression springs, the characteristic curves of which are dimensioned optimally. The rotational speed is adjusted by changing the centre distance using a motor slide.

Speed adjustments possible for control range 1: 3. This system provides a high torque at lower output speeds.



Single Pulley Drives FG

type	control range max.	motor n_1 in 1/min P_{1max} in kW		n_2max 1/min	n_2min 1/min	P_2max kW	P_2min kW	D1 mm	L1 mm	d max. mm	Dw F mm	dw F mm	Dw G mm	dimensions V-belt mm
FG1	2,5	1470	0,75	860	340	0,69	0,5	125	88	20	118	46	200	18
FG1	2,5	1470	0,75	1545	605	0,69	0,5	125	88	20	118	46	112	18
FG2	3,0	1470	1,5	970	330	1,35	0,8	175	103	24	165	55	250	27
FG2	3,0	1470	1,5	1940	650	1,35	0,8	175	103	24	165	55	125	27
FG3	3,0	1470	4,0	930	315	3,6	1,4	210	120	28	200	67	315	30
FG3	3,0	1470	4,0	2620	880	3,6	1,4	210	120	28	200	67	112	30
FG4	3,0	1470	5,5	960	325	5,0	2,2	245	150	38	234	78	355	36
FG4	3,0	1470	5,5	2450	820	5,0	2,2	245	150	38	234	78	140	36
FG5	3,0	1470	7,5	800	265	6,75	4,3	285	177	45	272	90	500	42
FG5	3,0	1470	7,5	3075	1017	6,75	4,3	285	177	45	272	90	130	42
FG6	3,0	1470	22,0	970	325	19,8	10,5	345	248	60	330	110	500	52
FG6	3,0	1470	22,0	1940	645	19,8	10,5	345	248	60	330	110	250	52
FG7	2,5	1470	37,0	980	395	33,3	18,2	415	248	60	400	160	600	57
FG7	2,5	1470	37,0	1650	660	33,3	18,2	415	248	60	400	160	355	57
FG8	2,1	1470	45,0	1050	490	40,5	21,0	450	312	80	432	200	600	57
FG8	2,1	1470	45,0	1785	828	40,5	21,0	450	312	80	432	200	355	57

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