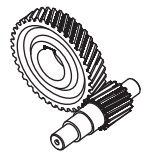
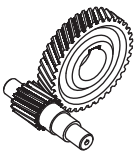


P <sub>1</sub> [kW]	n <sub>2</sub> [Min <sup>-1</sup> ]	M <sub>2</sub> [Nm]	f <sub>B</sub>	i <sub>ges</sub>	F <sub>R</sub> [kN]	F <sub>A</sub> [kN]	F <sub>R GR</sub> [kN]	F <sub>A GR</sub> [kN]	Tip / Type	Kg	Sayfa Page mm
<b>0.12</b>	1.0	806	1.4	1393.57	7.0	12.0	11.0	30.0	<b>PA 42/12 - 63M/4A PF 42/12 - 63M/4A</b>	62	110
	1.2	624	1.8	1114.85	8.0	12.0	11.0	30.0			
	1.7	440	2.5	750.00	8.0	12.0	11.0	29.0			
	2.3	325	3.6	550.63	8.0	12.0	12.0	27.0			
	3.1	250	4.7	433.11	8.0	12.0	12.0	25.0			
	1.0	760	0.8	1304.13	5.0	9.0	9.0	25.0	<b>PA 32/12 - 63M/4A PF 32/12 - 63M/4A</b>	45	110
	1.2	624	1.0	1080.92	6.0	9.0	9.0	25.0			
	1.2	*699	0.8	740.46	6.0	9.0	9.0	25.0	<b>PA 33 - 63M/6A PF 33 - 63M/6A</b>	41	95
	1.3	*686	0.8	662.46	6.0	9.0	9.0	25.0			
	1.5	*777	0.8	585.48	5.0	9.0	8.0	25.0			
	1.7	699	0.8	740.46	6.0	9.0	9.0	25.0	<b>PA 33 - 63M/4A PF 33 - 63M/4A</b>	41	95
	1.9	591	0.9	662.46	6.0	9.0	9.0	25.0			
	2.2	511	1.1	585.48	6.0	9.0	9.0	25.0			
	2.6	449	1.4	523.81	6.0	9.0	9.0	25.0			
	3.2	363	1.7	421.10	7.0	9.0	9.0	25.0			
	3.9	296	2.0	339.07	7.0	9.0	9.0	25.0			
	5.3	216	2.9	248.21	7.0	9.0	9.0	24.0			
	6.3	181	3.6	206.97	7.0	9.0	9.0	23.0			
	1.0	*417	0.8	1440.59	4.0	6.0	6.0	20.0	<b>PA 22/02 - 63M/4A PF 22/02 - 63M/4A</b>	32	110
	1.1	*417	0.8	1156.84	4.0	6.0	6.0	20.0			
	1.5	*417	0.8	881.08	4.0	6.0	6.0	20.0			
	1.7	*336	0.8	516.35	5.0	6.0	7.0	20.0	<b>PA 23 - 63M/6A PF 23 - 63M/6A</b>	29	93
	2.1	*417	0.8	417.44	4.0	6.0	6.0	20.0			
	2.6	336	0.8	516.35	5.0	6.0	7.0	20.0	<b>PA 23 - 63M/4A PF 23 - 63M/4A</b>	29	93
	3.2	363	0.9	417.44	4.0	6.0	7.0	20.0			
	4.1	280	1.1	323.31	5.0	6.0	7.0	19.0			
	5.0	229	1.4	261.93	5.0	6.0	7.0	18.0			
	6.0	190	1.7	217.60	5.0	6.0	7.0	17.0			
	7.3	156	1.9	179.61	5.0	6.0	7.0	16.0			
	8.7	132	2.0	151.11	5.0	6.0	7.0	15.0			
	10.2	113	2.9	124.10	5.0	6.0	7.0	15.0			
	13.3	86	3.9	100.53	5.0	6.0	8.0	14.0			
	1.0	*221	0.8	1277.78	3.0	4.0	5.0	15.0			
	1.2	*221	0.8	1053.91	3.0	4.0	5.0	15.0			
	1.5	*221	0.8	886.01	3.0	4.0	5.0	15.0			
	2.1	*205	0.8	420.39	3.0	4.0	5.0	15.0	<b>PA 13 - 63M/6A PF 13 - 63M/6A</b>	17	91
	2.3	*216	0.8	369.18	3.0	4.0	5.0	15.0			
	2.9	*205	0.8	313.35	3.0	4.0	5.0	15.0			
	3.2	*205	0.8	420.39	3.0	4.0	5.0	15.0	<b>PA 13 - 63M/4A PF 13 - 63M/4A</b>	17	91
	3.6	*216	0.8	369.18	3.0	4.0	5.0	15.0			
	4.2	*205	0.8	313.35	3.0	4.0	5.0	15.0			
	4.8	*216	0.8	275.17	3.0	4.0	5.0	15.0			
	5.4	*217	0.8	244.64	3.0	4.0	5.0	14.0			
	6.7	171	1.0	195.71	3.0	4.0	5.0	14.0			
	8.3	138	1.1	159.23	3.0	4.0	5.0	13.0			
9.9	116	1.2	132.48	4.0	4.0	5.0	12.0				
12.2	94	1.8	108.73	4.0	4.0	5.0	12.0				
12.2	94	1.4	72.60	4.0	4.0	5.0	12.0	<b>PA 12 - 63M/6A PF 12 - 63M/6A</b>	12	90	
14.3	80	1.8	61.31	4.0	4.0	5.0	11.0				
18.4	63	2.0	72.60	4.0	4.0	5.0	11.0	<b>PA 12 - 63M/4A PF 12 - 63M/4A</b>	12	90	
21.4	54	2.6	61.31	4.0	4.0	5.0	10.0				
24.5	47	3.7	53.84	4.0	4.0	5.0	10.0				
30.6	37	4.2	43.07	4.0	4.0	5.0	9.0				

**0.12 kW**  
**0.18 kW**

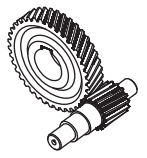


$P_1$ [kW]	$n_2$ [Min <sup>-1</sup> ]	$M_2$ [Nm]	$f_B$	$i_{ges}$	$F_R$ [kN]	$F_A$ [kN]	$F_{R GR}$ [kN]	$F_{A GR}$ [kN]	Tip / Type	Kg	Sayfa Page mm
<b>0.12</b>	4.2	*109	0.8	312.98	2.0	3.0	3.0	6.0	<b>PA 03 - 63M/4A</b> <b>PF 03 - 63M/4A</b>	14	89
	4.8	*109	0.8	274.18	2.0	3.0	3.0	6.0			
	6.2	*130	0.8	212.39	2.0	3.0	3.0	6.0			
	7.8	*132	0.8	170.56	2.0	3.0	3.0	6.0			
	8.7	*135	0.8	151.24	2.0	3.0	3.0	6.0			
	10.2	113	0.9	124.74	2.0	3.0	3.0	6.0			
	12.2	94	0.9	73.03	2.0	3.0	3.0	6.0	<b>PA 02 - 63M/6A</b> <b>PF 02 - 63M/6A</b>	10	88
	14.3	80	1.0	61.24	2.0	3.0	3.0	6.0			
	16.3	71	1.1	53.64	2.0	3.0	3.0	6.0			
	18.4	63	1.3	73.03	2.0	3.0	3.0	6.0	<b>PA 02 - 63M/4A</b> <b>PF 02 - 63M/4A</b>	10	88
	21.4	54	1.5	61.24	2.0	3.0	3.0	6.0			
	24.5	47	1.8	53.64	2.0	3.0	3.0	6.0			
	31.6	36	2.5	41.56	2.0	3.0	3.0	6.0			
	39.8	28	3.3	33.37	2.0	3.0	3.0	6.0			
	47.9	24	3.6	27.52	2.0	3.0	3.0	6.0			
	57.1	20	3.8	23.14	2.0	3.0	3.0	6.0			
	64.3	18	4.1	20.59	2.0	3.0	3.0	6.0			
	82.6	14	5.1	15.95	2.0	3.0	3.0	6.0			
	103.0	11	6.2	12.81	2.0	3.0	3.0	5.0			
	116.3	10	6.7	11.24	2.0	3.0	3.0	5.0			
	132.6	9	7.3	9.94	2.0	3.0	3.0	5.0			
	141.8	8	7.9	9.27	2.0	3.0	3.0	5.0			
	161.2	7	8.7	8.20	2.0	3.0	3.0	5.0			
	168.3	7	9.1	7.80	2.0	3.0	3.0	5.0			
	190.7	6	10.0	6.89	2.0	3.0	3.0	5.0			
	236.6	5	11.5	5.57	2.0	3.0	3.0	4.0			
	273.4	4	13.3	4.82	2.0	3.0	3.0	4.0			
	338.6	4	15.2	3.90	2.0	3.0	3.0	4.0			
	389.6	3	16.0	3.39	2.0	3.0	3.0	4.0			
	445.7	3	16.6	2.97	2.0	3.0	2.0	3.0			
465.1	3	16.1	2.83	-	4.0	-	-	<b>PA 11 - 63M/4A</b> <b>PF 11 - 63M/4A</b>	9	82	
567.1	2	17.2	2.32	-	3.0	-	-				
644.6	2	17.9	2.04	-	3.0	-	-				
727.3	2	18.5	1.81	-	3.0	-	-				
<b>0.18</b>	1.0	1409	1.2	1427.20	13.0	24.0	19.0	40.0	<b>PA 52/12 - 63M/4B</b> <b>PF 52/12 - 63M/4B</b>	91	110
	1.4	936	1.8	920.36	14.0	24.0	19.0	40.0			
	1.9	690	2.5	690.27	14.0	24.0	20.0	40.0			
	1.0	1379	0.9	1393.57	5.0	12.0	9.0	30.0	<b>PA 42/12 - 63M/4B</b> <b>PF 42/12 - 63M/4B</b>	62	110
	1.2	1092	1.0	1114.85	6.0	12.0	10.0	29.0			
	1.8	728	1.5	750.00	8.0	12.0	11.0	27.0			
	2.4	546	2.0	550.63	8.0	12.0	11.0	26.0			
	3.2	422	2.6	433.11	8.0	12.0	11.0	24.0			
	3.9	345	3.4	346.69	8.0	12.0	11.0	23.0			
	4.9	273	4.3	276.49	8.0	12.0	12.0	22.0			
	1.9	690	0.9	699.71	6.0	9.0	9.0	25.0	<b>PA\PF 32/12 - 63M/4B</b>	46	110
	2.3	732	0.8	585.48	6.0	9.0	9.0	25.0	<b>PA 33 - 63M/4B</b> <b>PF 33 - 63M/4B</b>	41	95
	2.6	674	1.0	523.81	6.0	9.0	9.0	25.0			
	3.2	544	1.1	421.10	6.0	9.0	9.0	25.0			
	4.0	432	1.4	339.07	7.0	9.0	9.0	25.0			
	5.4	318	2.0	248.21	7.0	9.0	9.0	23.0			
	6.5	264	2.3	206.97	7.0	9.0	9.0	22.0			
	8.2	211	3.1	166.39	7.0	9.0	9.0	21.0			
	10.1	171	3.7	133.98	7.0	9.0	9.0	20.0			
	11.2	153	3.3	81.27	7.0	9.0	9.0	19.0	<b>PA\PF 32 - 71M/6A</b>	33	94
3.1	437	0.8	444.02	4.0	6.0	6.0	19.0	<b>PA 22/02 - 63M/4B</b> <b>PF 22/02 - 63M/4B</b>	33	110	
3.9	345	1.0	344.50	4.0	6.0	7.0	18.0				

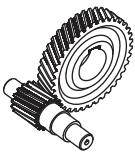


P <sub>1</sub> [kW]	n <sub>2</sub> [Min <sup>-1</sup> ]	M <sub>2</sub> [Nm]	f <sub>B</sub>	i <sub>ges</sub>	F <sub>R</sub> [kN]	F <sub>A</sub> [kN]	F <sub>R GR</sub> [kN]	F <sub>A GR</sub> [kN]	Tip / Type	Kg	Sayfa Page mm
<b>0.18</b>	4.2	411	0.8	323.31	4.0	6.0	7.0	17.0	<b>PA 23 - 63M/4B</b> <b>PF 23 - 63M/4B</b>	29	93
	5.2	330	1.0	261.93	5.0	6.0	7.0	17.0			
	6.2	276	1.1	217.60	5.0	6.0	7.0	16.0			
	7.5	227	1.2	179.61	5.0	6.0	7.0	15.0			
	8.9	194	1.4	151.11	5.0	6.0	7.0	15.0			
	11.2	153	1.5	86.26	5.0	6.0	7.0	14.0	<b>PA 22 - 71M/6A</b> <b>PF 22 - 71M/6A</b>	22	92
	13.3	129	1.9	69.74	5.0	6.0	7.0	14.0			
	17.3	99	3.2	55.25	5.0	6.0	8.0	13.0			
	20.4	84	3.4	45.90	5.0	6.0	8.0	12.0			
	6.3	212	0.8	213.21	3.0	4.0	5.0	13.0	<b>PA\PF 12/02 - 63M/4B</b>	20	110
	6.9	248	0.8	195.71	3.0	4.0	4.0	13.0	<b>PA 13 - 63M/4B</b> <b>PF 13 - 63M/4B</b>	17	91
	8.5	203	0.8	159.23	3.0	4.0	5.0	12.0			
	10.2	169	0.9	132.48	3.0	4.0	5.0	12.0			
	12.2	140	1.1	108.73	3.0	4.0	5.0	11.0			
	13.3	129	1.0	72.60	3.0	4.0	5.0	11.0	<b>PA 12 - 71M/6A</b> <b>PF 12 - 71M/6A</b>	13	90
	15.3	113	1.2	61.31	4.0	4.0	5.0	11.0			
	18.4	94	1.4	72.60	4.0	4.0	5.0	10.0	<b>PA 12 - 63M/4B</b> <b>PF 12 - 63M/4B</b>	12	90
	22.4	76	1.9	61.31	4.0	4.0	5.0	10.0			
	25.5	68	2.5	53.84	4.0	4.0	5.0	10.0			
	31.6	54	2.8	43.07	4.0	4.0	5.0	9.0			
	38.8	44	3.3	35.04	4.0	4.0	5.0	9.0			
	16.3	105	1.0	81.52	2.0	3.0	3.0	6.0	<b>PA\PF 03 - 63M/4B</b>	14	89
	15.3	113	0.8	61.24	2.0	3.0	3.0	6.0	<b>PA 02 - 71M/6A</b> <b>PF 02 - 71M/6A</b>	11	88
	17.3	99	0.9	53.64	2.0	3.0	3.0	6.0			
	18.4	94	0.9	73.03	2.0	3.0	3.0	6.0	<b>PA 02 - 63M/4B</b> <b>PF 02 - 63M/4B</b>	10	88
	22.4	76	1.0	61.24	2.0	3.0	3.0	6.0			
	25.5	68	1.2	53.64	2.0	3.0	3.0	6.0			
	32.6	53	1.7	41.56	2.0	3.0	3.0	6.0			
	40.8	42	2.0	33.37	2.0	3.0	3.0	6.0			
	49.0	35	2.2	27.52	2.0	3.0	3.0	6.0			
	58.1	29	2.5	23.14	2.0	3.0	3.0	6.0			
	65.3	26	2.6	20.59	2.0	3.0	3.0	6.0			
84.7	21	3.5	15.95	2.0	3.0	3.0	6.0				
105.1	17	4.2	12.81	2.0	3.0	3.0	5.0				
120.4	15	4.6	11.24	2.0	3.0	3.0	5.0				
135.7	13	5.0	9.94	2.0	3.0	3.0	5.0				
145.9	12	5.4	9.27	2.0	3.0	3.0	5.0				
165.2	11	5.9	8.20	2.0	3.0	3.0	5.0				
173.4	10	6.2	7.80	2.0	3.0	3.0	5.0				
195.8	9	6.8	6.89	2.0	3.0	3.0	4.0				
242.8	7	7.9	5.57	2.0	3.0	3.0	4.0				
280.5	6	9.1	4.82	2.0	3.0	3.0	4.0				
347.8	5	10.4	3.90	2.0	3.0	3.0	4.0				
399.8	4	10.9	3.39	2.0	3.0	3.0	4.0				
458.0	4	11.4	2.97	2.0	3.0	2.0	3.0				
477.4	4	11.0	2.83	-	4.0	-	-	<b>PA 11 - 63M/4B</b> <b>PF 11 - 63M/4B</b>	9	82	
582.4	3	11.8	2.32	-	3.0	-	-				
663.0	3	12.2	2.04	-	3.0	-	-				
746.6	2	12.7	1.81	-	3.0	-	-				
<b>0.25</b>	1.0	2005	1.5	1410.80	19.0	45.0	27.0	45.0	<b>PA 63/23 - 71M/4A</b> <b>PF 63/23 - 71M/4A</b>	157	112
	1.3	1512	2.0	1066.44	20.0	45.0	28.0	45.0			
	1.0	2027	0.9	1427.20	11.0	24.0	18.0	40.0	<b>PA 52/12 - 71M/4A</b> <b>PF 52/12 - 71M/4A</b>	92	110
	1.5	1310	1.3	920.36	13.0	24.0	19.0	40.0			
	2.0	983	1.7	690.27	14.0	24.0	19.0	40.0			
	2.6	786	2.2	542.36	14.0	24.0	20.0	40.0			
2.9	702	2.5	491.74	14.0	24.0	20.0	40.0				

# 0.25 kW

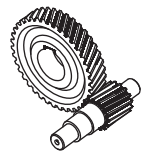


P <sub>1</sub> [kW]	n <sub>2</sub> [Min <sup>-1</sup> ]	M <sub>2</sub> [Nm]	f <sub>B</sub>	i <sub>ges</sub>	F <sub>R</sub> [kN]	F <sub>A</sub> [kN]	F <sub>R GR</sub> [kN]	F <sub>A GR</sub> [kN]	Tip / Type	Kg	Sayfa Page mm
<b>0.25</b>	1.8	1299	0.8	763.70	5.0	12.0	10.0	25.0	<b>PA 43 - 71M/4A PF 43 - 71M/4A</b>	62	97
	2.2	1063	1.0	618.49	7.0	12.0	10.0	24.0			
	2.7	900	1.0	528.04	7.0	12.0	11.0	23.0			
	3.4	709	1.5	421.21	8.0	12.0	11.0	22.0			
	3.9	615	1.9	359.61	8.0	12.0	11.0	22.0			
	4.7	509	2.0	298.65	8.0	12.0	11.0	21.0			
	5.3	450	2.6	264.02	8.0	12.0	11.0	20.0			
	6.4	371	3.2	219.26	8.0	12.0	11.0	19.0			
	7.8	308	3.2	182.86	8.0	12.0	12.0	19.0			
	2.6	786	0.8	554.87	5.0	9.0	8.0	25.0	<b>PA 32/12 - 71M/4A PF 32/12 - 71M/4A</b>	47	110
	3.2	634	1.0	446.08	6.0	9.0	9.0	25.0			
	3.4	709	0.9	421.10	6.0	9.0	9.0	24.0	<b>PA 33 - 71M/4A PF 33 - 71M/4A</b>	42	95
	4.2	570	1.0	339.07	6.0	9.0	9.0	23.0			
	5.7	417	1.5	248.21	7.0	9.0	9.0	22.0			
	6.8	349	1.8	206.97	7.0	9.0	9.0	21.0			
	8.5	282	2.2	166.39	7.0	9.0	9.0	20.0			
	10.2	234	2.5	133.98	7.0	9.0	9.0	19.0			
	11.2	213	2.2	81.27	7.0	9.0	9.0	19.0	<b>PA 32 - 71M/6B PF 32 - 71M/6B</b>	34	94
	13.3	180	2.9	72.71	7.0	9.0	9.0	18.0			
	17.3	137	3.7	81.27	7.0	9.0	10.0	17.0	<b>PA 32 - 71M/4A PF 32 - 71M/4A</b>	33	94
	19.4	123	4.5	72.71	7.0	9.0	10.0	16.0			
	5.0	401	0.8	284.14	4.0	6.0	7.0	16.0	<b>PA\PF 22/02 - 71M/4A</b>	34	110
	5.4	441	0.8	261.93	4.0	6.0	6.0	16.0	<b>PA 23 - 71M/4A PF 23 - 71M/4A</b>	30	93
	6.4	371	0.9	217.60	4.0	6.0	7.0	15.0			
	7.9	304	1.0	179.61	5.0	6.0	7.0	15.0			
	9.3	257	1.0	151.11	5.0	6.0	7.0	14.0			
	11.2	213	1.1	86.26	5.0	6.0	7.0	14.0			
	13.3	180	1.3	69.74	5.0	6.0	7.0	13.0	<b>PA 22 - 71M/6B PF 22 - 71M/6B</b>	23	92
	16.3	146	1.6	86.26	5.0	6.0	7.0	13.0	<b>PA 22 - 71M/4A PF 22 - 71M/4A</b>	22	92
	20.4	117	2.0	69.74	5.0	6.0	7.0	12.0			
	25.5	94	3.4	55.25	5.0	6.0	8.0	11.0			
	30.6	78	3.7	45.90	5.0	6.0	8.0	11.0			
	10.2	197	0.8	133.10	3.0	4.0	5.0	11.0	<b>PA\PF 12/02 - 71M/4A</b>	21	110
	13.3	180	1.0	108.73	3.0	4.0	5.0	11.0	<b>PA\PF 13 - 71M/4A</b>	18	91
	15.3	156	1.0	61.31	3.0	4.0	5.0	10.0	<b>PA\PF 12 - 71M/6B</b>	14	90
	19.4	123	1.0	72.60	4.0	4.0	5.0	10.0	<b>PA 12 - 71M/4A PF 12 - 71M/4A</b>	13	90
22.4	107	1.3	61.31	4.0	4.0	5.0	10.0				
26.5	90	1.8	53.84	4.0	4.0	5.0	9.0				
32.6	74	2.0	43.07	4.0	4.0	5.0	9.0				
39.8	60	2.2	35.04	4.0	4.0	5.0	8.0				
47.9	50	2.2	29.16	4.0	4.0	5.0	8.0				
17.3	137	0.8	81.52	2.0	3.0	3.0	6.0	<b>PA 03 - 71M/4A PF 03 - 71M/4A</b>			
21.4	112	1.0	65.46	2.0	3.0	3.0	6.0				

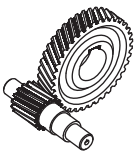


P <sub>1</sub> [kW]	n <sub>2</sub> [Min <sup>-1</sup> ]	M <sub>2</sub> [Nm]	f <sub>B</sub>	i <sub>ges</sub>	F <sub>R</sub> [kN]	F <sub>A</sub> [kN]	F <sub>R GR</sub> [kN]	F <sub>A GR</sub> [kN]	Tip / Type	Kg	Sayfa Page mm
<b>0.25</b>	23.5	102	0.9	61.24	2.0	3.0	3.0	6.0	<b>PA 02 - 71M/4A</b> <b>PF 02 - 71M/4A</b>	11	88
	26.5	90	1.0	53.64	2.0	3.0	3.0	6.0			
	33.7	71	1.3	41.56	2.0	3.0	3.0	6.0			
	41.8	57	1.5	33.37	2.0	3.0	3.0	6.0			
	51.0	47	1.7	27.52	2.0	3.0	3.0	6.0			
	61.2	39	1.9	23.14	2.0	3.0	3.0	6.0			
	68.3	35	2.0	20.59	2.0	3.0	3.0	6.0			
	88.7	26	2.5	15.95	2.0	3.0	3.0	6.0			
	110.2	22	3.2	12.81	2.0	3.0	3.0	5.0			
	124.4	20	3.4	11.24	2.0	3.0	3.0	5.0			
	141.8	17	3.7	9.94	2.0	3.0	3.0	5.0			
	152.0	16	4.1	9.27	2.0	3.0	3.0	5.0			
	171.4	14	4.4	8.20	2.0	3.0	3.0	5.0			
	180.5	13	4.7	7.80	2.0	3.0	3.0	4.0			
	204.0	12	5.1	6.89	2.0	3.0	3.0	4.0			
	253.0	10	5.9	5.57	2.0	3.0	3.0	4.0			
	291.7	8	6.8	4.82	2.0	3.0	3.0	4.0			
	362.1	7	7.8	3.90	2.0	3.0	3.0	4.0			
	416.2	6	8.2	3.39	2.0	3.0	2.0	3.0			
	477.4	5	8.6	2.97	2.0	3.0	2.0	3.0			
497.8	5	8.2	2.83	-	4.0	-	-	<b>PA 11 - 71M/4A</b> <b>PF 11 - 71M/4A</b>	9	82	
606.9	4	8.8	2.32	-	3.0	-	-				
689.5	4	9.2	2.04	-	3.0	-	-				
777.2	3	9.5	1.81	-	3.0	-	-				
<b>0.37</b>	1.1	2808	1.6	1252.41	27.0	46.0	39.0	50.0	<b>PA 73/22 - 71M/4B</b> <b>PF 73/22 - 71M/4B</b>	231	110
	1.2	2573	1.8	1097.40	27.0	45.0	39.0	50.0			
	1.5	2059	2.2	886.40	27.0	43.0	40.0	50.0			
	1.8	1716	2.8	736.40	28.0	41.0	40.0	50.0			
	2.4	1287	3.8	566.43	28.0	39.0	40.0	50.0			
	1.0	3184	1.0	1410.80	16.0	45.0	25.0	45.0	<b>PA 63/23 - 71M/4B</b> <b>PF 63/23 - 71M/4B</b>	158	112
	1.3	2376	1.2	1066.44	18.0	45.0	27.0	45.0			
	1.6	1931	1.5	851.02	19.0	45.0	27.0	45.0	<b>PA 63/22 - 71M/4B</b> <b>PF 63/22 - 71M/4B</b>	150	110
	1.9	1626	1.8	727.77	19.0	43.0	28.0	45.0			
	2.6	1236	2.3	554.24	20.0	41.0	28.0	45.0			
	3.3	1082	1.9	294.23	13.0	24.0	19.0	40.0			
	1.5	2309	0.8	606.94	10.0	24.0	17.0	40.0	<b>PA 53 - 80M/6A</b> <b>PF 53 - 80M/6A</b>	97	99
	1.7	2037	0.9	548.64	11.0	24.0	18.0	40.0			
	1.9	1823	1.0	499.30	12.0	24.0	18.0	40.0			
	2.4	1443	1.1	392.31	13.0	24.0	19.0	40.0			
	2.6	1385	1.3	374.48	13.0	24.0	19.0	40.0			
	5.9	597	3.2	236.60	14.0	24.0	20.0	40.0	<b>PA\PF 53 - 71M/4B</b>	96	99
	2.0	1544	0.8	670.92	3.0	12.0	9.0	22.0	<b>PA 42/12 - 71M/4B</b> <b>PF 42/12 - 71M/4B</b>	64	110
	2.6	1236	1.0	550.63	6.0	12.0	10.0	22.0			
	3.2	997	1.1	433.11	7.0	12.0	10.0	21.0			
	3.3	1082	1.0	421.21	6.0	12.0	10.0	21.0	<b>PA 43 - 71M/4B</b> <b>PF 43 - 71M/4B</b>	63	97
	3.9	911	1.3	359.61	7.0	12.0	11.0	20.0			
	4.7	753	1.4	298.65	8.0	12.0	11.0	19.0			
	5.3	666	1.8	264.02	8.0	12.0	11.0	19.0			
	6.3	559	2.0	219.26	8.0	12.0	11.0	19.0			
	7.5	468	2.0	182.86	8.0	12.0	11.0	18.0			
	11.2	315	3.9	129.27	8.0	12.0	12.0	16.0			
5.2	606	1.0	267.35	6.0	9.0	9.0	22.0	<b>PA\PF 32/12 - 71M/4B</b>	48	110	
5.6	629	1.0	248.21	6.0	9.0	9.0	21.0	<b>PA 33 - 71M/4B</b> <b>PF 33 - 71M/4B</b>	43	95	
6.7	524	1.2	206.97	6.0	9.0	9.0	20.0				
8.4	422	1.5	166.39	7.0	9.0	9.0	19.0				
10.2	346	1.7	133.98	7.0	9.0	9.0	18.0				

# 0.37 kW



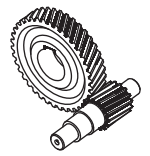
P <sub>1</sub> [kW]	n <sub>2</sub> [Min <sup>-1</sup> ]	M <sub>2</sub> [Nm]	f <sub>B</sub>	i <sub>ges</sub>	F <sub>R</sub> [kN]	F <sub>A</sub> [kN]	F <sub>R GR</sub> [kN]	F <sub>A GR</sub> [kN]	Tip / Type	Kg	Sayfa Page mm
<b>0.37</b>	11.2	315	1.5	81.27	7.0	9.0	9.0	18.0	<b>PA 32 - 80M/6A</b> <b>PF 32 - 80M/6A</b>	36	94
	13.3	267	2.0	72.71	7.0	9.0	9.0	17.0			
	14.3	247	2.3	64.26	7.0	9.0	9.0	17.0			
	17.3	204	2.3	81.27	7.0	9.0	9.0	16.0	<b>PA 32 - 71M/4B</b> <b>PF 32 - 71M/4B</b>	34	94
	19.4	182	2.9	72.71	7.0	9.0	9.0	16.0			
	8.3	381	0.9	167.14	4.0	6.0	7.0	14.0	<b>PA 22/02 - 71M/4B</b> <b>PF 22/02 - 71M/4B</b>	35	110
	10.2	309	1.0	135.06	5.0	6.0	7.0	13.0			
	11.2	315	1.0	124.10	5.0	6.0	7.0	13.0	<b>PA 23 - 71M/4B</b> <b>PF 23 - 71M/4B</b>	31	93
	14.3	247	1.2	100.53	5.0	6.0	7.0	12.0			
	15.3	231	1.3	88.24	5.0	6.0	7.0	12.0			
	17.3	204	1.5	78.00	5.0	6.0	7.0	12.0			
	21.4	165	1.9	64.80	5.0	6.0	7.0	11.0			
	11.2	315	0.8	86.26	5.0	6.0	7.0	13.0	<b>PA 22 - 80M/6A</b> <b>PF 22 - 80M/6A</b>	25	92
	13.3	267	1.0	69.74	5.0	6.0	7.0	13.0			
	16.3	217	1.0	86.26	5.0	6.0	7.0	12.0	<b>PA 22 - 71M/4B</b> <b>PF 22 - 71M/4B</b>	23	92
	19.4	182	1.3	69.74	5.0	6.0	7.0	12.0			
	25.5	138	2.2	55.25	5.0	6.0	7.0	11.0			
	30.6	116	2.3	45.90	5.0	6.0	7.0	10.0			
	15.3	206	0.8	92.29	3.0	4.0	5.0	10.0	<b>PA\PF 12/02 - 71M/4B</b>	22	110
	16.3	217	0.8	85.57	3.0	4.0	5.0	10.0	<b>PA 13 - 71M/4B</b> <b>PF 13 - 71M/4B</b>	19	91
	20.4	173	1.0	68.46	3.0	4.0	5.0	9.0			
	22.4	158	1.0	61.31	3.0	4.0	5.0	9.0	<b>PA 12 - 71M/4B</b> <b>PF 12 - 71M/4B</b>	14	90
	25.5	138	1.1	53.84	3.0	4.0	5.0	9.0			
	28.6	123	1.3	47.86	4.0	4.0	5.0	9.0			
	32.6	108	1.4	43.07	4.0	4.0	5.0	8.0			
	35.7	99	1.7	38.29	4.0	4.0	5.0	8.0			
	39.8	89	1.5	35.04	4.0	4.0	5.0	8.0			
	44.9	78	2.0	31.15	4.0	4.0	5.0	8.0			
	47.9	74	1.5	29.16	4.0	4.0	5.0	8.0			
	53.0	67	1.9	25.92	3.0	4.0	5.0	8.0			
	65.3	54	2.9	21.27	3.0	4.0	5.0	7.0			
	73.4	48	3.3	18.80	3.0	4.0	5.0	7.0			
	82.6	43	3.5	16.74	3.0	4.0	5.0	7.0			
	104.0	34	4.3	13.39	3.0	4.0	5.0	6.0			
	33.7	105	0.9	41.56	2.0	3.0	3.0	6.0			
	41.8	84	1.0	33.37	2.0	3.0	3.0	6.0			
	46.9	75	1.1	29.59	2.0	3.0	3.0	6.0			
	50.0	71	1.1	27.52	2.0	3.0	3.0	6.0			
	57.1	62	1.3	24.41	2.0	3.0	3.0	6.0			
	60.2	59	1.2	23.14	2.0	3.0	3.0	6.0			
	67.3	53	1.3	20.59	2.0	3.0	3.0	6.0			
	86.7	41	1.6	15.95	2.0	3.0	3.0	5.0			
	108.1	32	2.0	12.81	2.0	3.0	3.0	5.0			
	123.4	28	2.2	11.24	2.0	3.0	3.0	5.0			
	139.7	25	2.3	9.94	2.0	3.0	3.0	5.0			
	149.9	24	2.5	9.27	2.0	3.0	3.0	5.0			
	169.3	21	2.9	8.20	2.0	3.0	3.0	4.0			
	177.5	20	3.1	7.80	2.0	3.0	3.0	4.0			
	200.9	18	3.4	6.89	2.0	3.0	3.0	4.0			
	248.9	14	3.9	5.57	2.0	3.0	3.0	4.0			
	287.6	13	4.5	4.82	2.0	3.0	3.0	4.0			
	357.0	10	5.2	3.90	2.0	3.0	3.0	4.0			
	410.0	9	5.4	3.39	2.0	3.0	2.0	3.0			
	470.2	8	5.7	2.97	2.0	3.0	2.0	3.0			
	490.6	7	5.5	2.83	-	4.0	-	-	<b>PA 11 - 71M/4B</b> <b>PF 11 - 71M/4B</b>	10	82
	597.7	6	5.9	2.32	-	3.0	-	-			
	680.3	5	6.1	2.04	-	3.0	-	-			
	766.0	5	6.3	1.81	-	3.0	-	-			



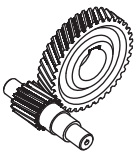
P <sub>1</sub> [kW]	n <sub>2</sub> [Min <sup>-1</sup> ]	M <sub>2</sub> [Nm]	f <sub>B</sub>	i <sub>ges</sub>	F <sub>R</sub> [kN]	F <sub>A</sub> [kN]	F <sub>R GR</sub> [kN]	F <sub>A GR</sub> [kN]	Tip / Type	Kg	Sayfa Page mm
<b>0.55</b>	1.2	3978	1.9	1151.94	44.0	65.0	62.0	65.0	<b>PA 83/32 - 80M/4A PF 83/32 - 80M/4A</b>	351	111
	1.5	3182	2.3	897.44	44.0	65.0	62.0	65.0			
	1.1	4339	1.0	1252.41	24.0	42.0	37.0	50.0	<b>PA 73/22 - 80M/4A PF 73/22 - 80M/4A</b>	233	110
	1.3	3672	1.2	1097.40	25.0	41.0	38.0	50.0			
	1.5	3182	1.4	886.40	26.0	40.0	39.0	50.0			
	1.9	2512	1.9	736.40	27.0	39.0	39.0	50.0			
	2.4	1988	2.3	566.43	27.0	37.0	40.0	50.0			
	3.1	1592	3.1	457.52	28.0	35.0	40.0	50.0			
	1.3	3672	0.9	1066.44	14.0	43.0	24.0	45.0	<b>PA\PF 63/23 - 80M/4A</b>	160	112
	1.6	2983	1.0	851.02	17.0	42.0	26.0	45.0	<b>PA 63/22 - 80M/4A PF 63/22 - 80M/4A</b>	152	110
	1.9	2512	1.1	727.77	18.0	41.0	27.0	45.0			
	2.6	1909	1.5	554.24	19.0	39.0	27.0	45.0			
	3.3	1492	2.0	430.20	20.0	37.0	28.0	45.0			
	3.8	1290	2.2	367.90	20.0	36.0	28.0	45.0			
	2.0	2386	0.8	690.27	10.0	24.0	17.0	40.0	<b>PA\PF 52/12 - 80M/4A</b>	95	110
	2.3	2238	0.8	606.94	10.0	24.0	17.0	40.0	<b>PA 53 - 80M/4A PF 53 - 80M/4A</b>	97	99
	2.6	2059	0.9	548.64	11.0	24.0	18.0	40.0			
	2.9	1838	1.0	499.30	12.0	24.0	18.0	40.0			
	3.6	1471	1.1	392.31	13.0	24.0	19.0	40.0			
	3.8	1392	1.3	374.48	13.0	24.0	19.0	40.0			
	4.8	1096	1.9	294.23	13.0	24.0	19.0	40.0			
	5.7	919	1.9	245.73	14.0	24.0	20.0	40.0			
	5.9	888	2.0	236.60	14.0	24.0	20.0	40.0			
	7.5	696	2.5	185.90	14.0	24.0	20.0	40.0			
	8.0	660	2.8	177.45	14.0	24.0	20.0	40.0			
	10.1	520	3.7	139.42	14.0	24.0	20.0	40.0			
	3.3	1492	0.8	433.11	4.0	12.0	9.0	18.0	<b>PA\PF 42/12 - 80M/4A</b>	66	110
	3.9	1354	0.9	359.61	5.0	12.0	9.0	18.0	<b>PA 43 - 80M/4A PF 43 - 80M/4A</b>	65	97
	4.7	1119	1.0	298.65	6.0	12.0	10.0	18.0			
	5.0	1051	1.1	278.52	7.0	12.0	10.0	18.0			
	5.3	990	1.2	264.02	7.0	12.0	10.0	17.0			
	6.0	872	1.2	231.31	7.0	12.0	11.0	17.0			
	6.4	817	1.3	219.26	7.0	12.0	11.0	17.0			
	6.8	768	1.5	204.49	8.0	12.0	11.0	17.0			
	7.7	686	1.4	182.86	8.0	12.0	11.0	17.0			
	8.3	635	1.7	169.82	8.0	12.0	11.0	16.0			
	9.9	530	1.8	141.63	8.0	12.0	11.0	16.0			
	11.2	468	2.5	129.27	8.0	12.0	11.0	16.0			
	13.3	396	2.6	107.36	8.0	12.0	11.0	15.0			
	14.3	368	3.3	94.91	8.0	12.0	11.0	15.0			
	17.3	303	3.8	80.01	8.0	12.0	12.0	14.0			
	6.5	746	0.8	215.28	6.0	9.0	9.0	19.0	<b>PA\PF 32/12 - 80M/4A</b>	49	110
	6.7	780	0.8	206.97	5.0	9.0	8.0	19.0	<b>PA 33 - 80M/4A PF 33 - 80M/4A</b>	45	95
	8.5	620	1.0	166.39	6.0	9.0	9.0	18.0			
	10.2	515	1.1	133.98	6.0	9.0	9.0	17.0			
	11.2	468	1.0	81.27	6.0	9.0	9.0	17.0	<b>PA 32 - 80M/6B PF 32 - 80M/6B</b>	37	94
	13.3	396	1.3	72.71	7.0	9.0	9.0	17.0			
14.3	368	1.6	64.26	7.0	9.0	9.0	16.0				
17.3	303	1.6	81.27	7.0	9.0	9.0	16.0	<b>PA 32 - 80M/4A PF 32 - 80M/4A</b>	36	94	
19.4	270	1.9	72.71	7.0	9.0	9.0	15.0				
21.4	245	2.5	64.26	7.0	9.0	9.0	15.0				
24.5	215	2.6	57.49	7.0	9.0	9.0	15.0				
30.6	172	2.9	46.29	7.0	9.0	9.0	14.0				
12.2	398	0.8	117.62	4.0	6.0	7.0	12.0				<b>PA\PF 22/02 - 80M/4A</b>
14.3	368	0.9	100.53	4.0	6.0	7.0	11.0	<b>PA 23 - 80M/4A PF 23 - 80M/4A</b>	33	93	
16.3	321	1.0	88.24	5.0	6.0	7.0	11.0				

**0.55 kW**  
**0.75 kW**

**PGR**<sup>®</sup>  
Drive Technologies

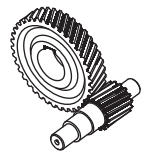



P <sub>1</sub> [kW]	n <sub>2</sub> [Min <sup>-1</sup> ]	M <sub>2</sub> [Nm]	f <sub>B</sub>	i <sub>ges</sub>	F <sub>R</sub> [kN]	F <sub>A</sub> [kN]	F <sub>R GR</sub> [kN]	F <sub>A GR</sub> [kN]	Tip / Type	Kg	Sayfa Page mm
<b>0.55</b>	16.3	321	0.8	86.26	5.0	6.0	7.0	11.0	<b>PA 22 - 80M/4A</b> <b>PF 22 - 80M/4A</b>	25	92
	20.4	258	1.0	69.74	5.0	6.0	7.0	11.0			
	25.5	206	1.4	55.25	5.0	6.0	7.0	10.0			
	30.6	172	1.6	45.90	5.0	6.0	7.0	10.0			
	32.6	161	2.0	42.79	5.0	6.0	7.0	10.0			
	39.8	132	2.3	35.55	5.0	6.0	7.0	9.0			
	47.9	110	2.5	29.34	5.0	6.0	7.0	9.0			
	57.1	92	2.5	24.69	5.0	6.0	8.0	9.0			
	29.6	177	1.0	47.86	3.0	4.0	5.0	8.0	<b>PA 12 - 80M/4A</b> <b>PF 12 - 80M/4A</b>	16	90
	36.7	143	1.2	38.29	3.0	4.0	5.0	8.0			
	44.9	117	1.3	31.15	3.0	4.0	5.0	7.0			
	54.1	97	1.3	25.92	3.0	4.0	5.0	7.0			
	66.3	79	2.0	21.27	3.0	4.0	5.0	7.0			
	74.5	71	2.0	18.80	3.0	4.0	5.0	7.0			
	83.6	63	2.2	16.74	3.0	4.0	5.0	7.0			
	105.1	50	2.8	13.39	3.0	4.0	5.0	6.0			
	131.6	40	3.3	10.68	3.0	4.0	5.0	6.0			
	144.8	36	3.6	9.65	3.0	4.0	5.0	6.0			
	46.9	112	0.8	29.59	2.0	3.0	3.0	6.0	<b>PA 02 - 80M/4A</b> <b>PF 02 - 80M/4A</b>	14	88
	57.1	92	0.9	24.41	2.0	3.0	3.0	5.0			
	68.3	76	0.9	20.59	2.0	3.0	3.0	5.0			
	87.7	60	1.1	15.95	2.0	3.0	3.0	5.0			
	109.1	48	1.3	12.81	2.0	3.0	3.0	5.0			
	124.4	42	1.5	11.24	2.0	3.0	3.0	5.0			
	140.8	37	1.6	9.94	2.0	3.0	3.0	5.0			
	151.0	34	1.7	9.27	2.0	3.0	3.0	4.0			
	171.4	30	1.9	8.20	2.0	3.0	3.0	4.0			
	179.5	29	2.0	7.80	2.0	3.0	3.0	4.0			
	204.0	25	2.2	6.89	2.0	3.0	3.0	4.0			
	251.9	21	2.5	5.57	2.0	3.0	3.0	4.0			
	290.7	18	3.1	4.82	2.0	3.0	3.0	4.0			
	360.1	15	3.5	3.90	2.0	3.0	2.0	3.0			
	415.1	13	3.7	3.39	2.0	3.0	2.0	3.0			
	475.3	11	3.9	2.97	2.0	3.0	2.0	3.0			
	495.7	11	3.7	2.83	-	3.0	-	-	<b>PA 11 - 80M/4A</b> <b>PF 11 - 80M/4A</b>	12	82
	604.9	9	4.0	2.32	-	3.0	-	-			
687.5	8	4.2	2.04	-	3.0	-	-				
775.2	7	4.3	1.81	-	3.0	-	-				
<b>0.75</b>	1.2	5537	1.3	1151.94	42.0	65.0	61.0	65.0	<b>PA 83/32 - 80M/4B</b> <b>PF 83/32 - 80M/4B</b>	352	111
	1.5	4430	1.7	897.44	43.0	65.0	62.0	65.0			
	1.9	3498	2.0	722.63	44.0	65.0	62.0	65.0			
	1.1	6041	0.8	1252.41	18.0	38.0	34.0	50.0	<b>PA 73/22 - 80M/4B</b> <b>PF 73/22 - 80M/4B</b>	234	110
	1.3	5112	1.0	1097.40	21.0	38.0	36.0	50.0			
	1.5	4430	1.0	886.40	23.0	38.0	37.0	50.0			
	1.9	3498	1.3	736.40	25.0	36.0	38.0	50.0			
	2.4	2769	1.7	566.43	27.0	35.0	39.0	50.0			
	3.1	2215	2.0	457.52	27.0	34.0	39.0	50.0			
	4.1	1661	2.8	346.75	28.0	32.0	40.0	50.0			
	1.6	4153	0.8	851.02	12.0	39.0	23.0	45.0	<b>PA 63/22 - 80M/4B</b> <b>PF 63/22 - 80M/4B</b>	153	110
	1.9	3498	0.9	727.77	15.0	38.0	25.0	45.0			
	2.6	2658	1.1	554.24	18.0	37.0	26.0	45.0			
	3.3	2077	1.4	430.20	19.0	35.0	27.0	45.0			
	3.8	1796	1.6	367.90	19.0	34.0	28.0	45.0			
	5.0	1356	2.2	283.00	20.0	32.0	28.0	45.0			
	6.2	1090	2.8	225.22	20.0	31.0	28.0	45.0			
	2.6	2808	1.0	372.70	17.0	36.0	26.0	45.0	<b>PA 63 - 90S/6A</b> <b>PF 63 - 90S/6A</b>	137	101
	3.2	2264	1.3	300.91	18.0	35.0	27.0	45.0			
	3.6	2005	1.7	265.56	19.0	34.0	27.0	45.0			
	4.5	1595	2.0	214.41	19.0	33.0	28.0	45.0			

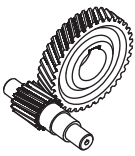


<b>P<sub>1</sub></b> [kW]	<b>n<sub>2</sub></b> [Min <sup>-1</sup> ]	<b>M<sub>2</sub></b> [Nm]	<b>f<sub>B</sub></b>	<b>i<sub>ges</sub></b>	<b>F<sub>R</sub></b> [kN]	<b>F<sub>A</sub></b> [kN]	<b>F<sub>R GR</sub></b> [kN]	<b>F<sub>A GR</sub></b> [kN]	<b>Tip / Type</b>	<b>Kg</b>	<b>Sayfa Page mm</b>			
<b>0.75</b>	2.9	2507	0.8	499.30	9.0	24.0	17.0	40.0	<b>PA 53 - 80M/4B</b> <b>PF 53 - 80M/4B</b>	98	99			
	3.6	2005	0.9	392.31	11.0	24.0	18.0	40.0						
	3.8	1897	1.0	374.48	12.0	24.0	18.0	40.0						
	4.8	1494	1.4	294.23	13.0	24.0	19.0	40.0						
	5.7	1253	1.4	245.73	13.0	24.0	19.0	40.0						
	5.9	1210	1.5	236.60	13.0	24.0	19.0	40.0						
	7.5	949	1.8	185.90	14.0	24.0	19.0	40.0						
	8.0	900	2.0	177.45	14.0	24.0	20.0	40.0						
	10.1	709	2.5	139.42	14.0	24.0	20.0	40.0						
	11.2	638	2.5	86.88	14.0	24.0	20.0	40.0	<b>PA 52 - 90S/6A</b> <b>PF 52 - 90S/6A</b>	83	98			
	12.2	585	2.5	78.53	14.0	24.0	20.0	40.0						
	5.0	1433	0.9	278.52	4.0	12.0	9.0	16.0	<b>PA 43 - 80M/4B</b> <b>PF 43 - 80M/4B</b>	66	97			
	5.3	1349	0.9	264.02	5.0	12.0	9.0	16.0						
	6.0	1190	0.9	231.31	6.0	12.0	10.0	15.0						
	6.4	1114	1.0	219.26	6.0	12.0	10.0	15.0						
	6.8	1048	1.1	204.49	7.0	12.0	10.0	15.0						
	7.7	936	1.0	182.86	7.0	12.0	11.0	15.0						
	8.3	866	1.2	169.82	7.0	12.0	11.0	15.0						
	9.9	723	1.3	141.63	8.0	12.0	11.0	15.0						
	11.2	638	1.8	129.27	8.0	12.0	11.0	15.0						
	13.3	540	1.9	107.36	8.0	12.0	11.0	14.0						
	14.3	502	2.2	94.91	8.0	12.0	11.0	14.0						
	17.3	413	2.6	80.01	8.0	12.0	11.0	14.0						
	20.4	351	2.9	70.10	8.0	12.0	11.0	13.0						
	9.1	789	1.0	105.08	7.0	12.0	11.0	15.0	<b>PA 42 - 90S/6A</b> <b>PF 42 - 90S/6A</b>	54	96			
	11.2	638	1.1	85.10	8.0	12.0	11.0	15.0						
	13.3	540	1.9	74.87	8.0	12.0	11.0	15.0						
	15.3	468	2.0	60.64	8.0	12.0	11.0	14.0						
	8.5	846	0.8	166.39	5.0	9.0	8.0	17.0	<b>PA 33 - 80M/4B</b> <b>PF 33 - 80M/4B</b>	46	95			
	10.2	702	0.9	133.98	6.0	9.0	9.0	16.0						
	12.2	585	0.9	81.27	6.0	9.0	9.0	16.0	<b>PA 32 - 90S/6A</b> <b>PF 32 - 90S/6A</b>	40	94			
	13.3	540	1.0	72.71	6.0	9.0	9.0	16.0						
	15.3	468	1.2	64.26	6.0	9.0	9.0	15.0						
	17.3	413	1.1	81.27	7.0	9.0	9.0	15.0	<b>PA 32 - 80M/4B</b> <b>PF 32 - 80M/4B</b>	37	94			
	19.4	369	1.4	72.71	7.0	9.0	9.0	15.0						
	21.4	334	1.8	64.26	7.0	9.0	9.0	15.0						
	24.5	292	2.0	57.49	7.0	9.0	9.0	14.0						
	30.6	234	2.0	46.29	7.0	9.0	9.0	13.0						
	35.7	201	2.0	38.76	6.0	9.0	9.0	13.0						
	42.8	168	2.0	33.00	6.0	9.0	9.0	12.0						
	60.2	119	2.9	23.10	6.0	9.0	10.0	11.0						
	67.3	107	2.9	20.67	5.0	9.0	10.0	11.0						
	75.5	95	3.2	18.64	5.0	9.0	10.0	11.0						
	16.3	439	0.8	88.24	1.0	6.0	6.0	10.0	<b>PA 23 - 80M/4B</b> <b>PF 23 - 80M/4B</b>	34	93			
	18.4	390	0.9	78.00	2.0	6.0	7.0	10.0						
	21.4	334	1.0	64.80	3.0	6.0	7.0	10.0						
	20.4	351	0.8	45.90	3.0	6.0	7.0	10.0	<b>PA\PF 22 - 90S/6A</b>	29	92			
25.5	280	1.0	55.25	5.0	6.0	7.0	10.0	<b>PA 22 - 80M/4B</b> <b>PF 22 - 80M/4B</b>	26	92				
30.6	234	1.1	45.90	5.0	6.0	7.0	9.0							
32.6	220	1.4	42.79	5.0	6.0	7.0	9.0							
39.8	180	1.7	35.55	5.0	6.0	7.0	9.0							
47.9	149	1.8	29.34	5.0	6.0	7.0	9.0							
57.1	125	1.8	24.69	5.0	6.0	7.0	8.0							
83.6	85	2.6	16.74	4.0	6.0	8.0	8.0							
95.9	74	2.9	14.67	4.0	6.0	8.0	7.0							

**0.75 kW**  
**1.10 kW**

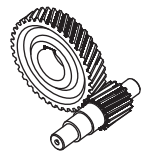



$P_1$ [kW]	$n_2$ [Min <sup>-1</sup> ]	$M_2$ [Nm]	$f_B$	$i_{ges}$	$F_R$ [kN]	$F_A$ [kN]	$F_{R GR}$ [kN]	$F_{A GR}$ [kN]	Tip / Type	 Kg	Sayfa Page mm			
<b>0.75</b>	36.7	195	0.9	38.29	1.0	4.0	5.0	7.0	<b>PA 12 - 80M/4B</b> <b>PF 12 - 80M/4B</b>	17	90			
	44.9	160	1.0	31.15	1.0	4.0	5.0	7.0						
	54.1	132	1.0	25.92	2.0	4.0	5.0	7.0						
	66.3	108	1.4	21.27	3.0	4.0	5.0	7.0						
	74.5	96	1.5	18.80	3.0	4.0	5.0	6.0						
	83.6	85	1.7	16.74	3.0	4.0	5.0	6.0						
	105.1	69	2.0	13.39	3.0	4.0	5.0	6.0						
	131.6	55	2.2	10.68	3.0	4.0	5.0	6.0						
	144.8	49	2.5	9.65	3.0	4.0	5.0	6.0						
	178.5	40	2.9	7.85	2.0	4.0	5.0	5.0						
	192.8	37	3.3	7.29	2.0	4.0	5.0	5.0						
	215.2	33	3.1	6.53	2.0	4.0	5.0	5.0						
	241.7	29	3.1	5.78	2.0	4.0	5.0	5.0						
	87.7	81	0.9	15.95	2.0	3.0	3.0	5.0				<b>PA 02 - 80M/4B</b> <b>PF 02 - 80M/4B</b>	15	88
	109.1	66	1.0	12.81	2.0	3.0	3.0	5.0						
	124.4	58	1.0	11.24	2.0	3.0	3.0	4.0						
	140.8	51	1.1	9.94	2.0	3.0	3.0	4.0						
	151.0	47	1.2	9.27	2.0	3.0	3.0	4.0						
	171.4	42	1.4	8.20	2.0	3.0	3.0	4.0						
	179.5	40	1.4	7.80	2.0	3.0	3.0	4.0						
	204.0	35	1.6	6.89	2.0	3.0	3.0	4.0						
	251.9	28	1.9	5.57	2.0	3.0	3.0	4.0						
	290.7	25	2.2	4.82	2.0	3.0	3.0	4.0						
	360.1	20	2.5	3.90	2.0	3.0	2.0	3.0						
	415.1	18	2.5	3.39	2.0	3.0	2.0	3.0						
	475.3	15	2.6	2.97	2.0	3.0	2.0	3.0						
	495.7	15	2.5	2.83	-	3.0	-	-	<b>PA 11 - 80M/4B</b> <b>PF 11 - 80M/4B</b>	13	82			
	604.9	12	2.8	2.32	-	3.0	-	-						
	687.5	11	2.9	2.04	-	3.0	-	-						
	775.2	9	3.2	1.81	-	3.0	-	-						
	<b>1.10</b>	1.0	10399	1.8	1413.66	99.0	120.0	120.0	120.0	<b>PA 103/52 - 90S/4A</b> <b>PF 103/52 - 90S/4A</b>	786	111		
		1.2	8579	2.2	1147.52	100.0	120.0	120.0	120.0					
1.5		6863	2.8	944.01	101.0	120.0	120.0	120.0						
1.1		9359	1.2	1299.17	62.0	80.0	90.0	80.0	<b>PA 93/42 - 90S/4A</b> <b>PF 93/42 - 90S/4A</b>	538	111			
1.3		7919	1.4	1090.99	63.0	80.0	91.0	80.0						
1.7		6055	1.9	811.95	65.0	80.0	92.0	80.0						
1.8		5719	2.0	756.80	65.0	80.0	92.0	80.0						
2.6		4118	2.8	547.88	66.0	80.0	93.0	80.0						
1.0		10295	0.8	1366.81	30.0	65.0	53.0	65.0	<b>PA 83/32 - 90S/4A</b> <b>PF 83/32 - 90S/4A</b>	355	111			
1.2		8579	0.9	1151.94	36.0	65.0	57.0	65.0						
1.5		6863	1.0	897.44	39.0	65.0	59.0	65.0						
1.9		5418	1.3	722.63	42.0	63.0	61.0	65.0						
2.8		3813	2.0	525.11	44.0	59.0	62.0	65.0	<b>PA 83/42 - 90S/4A</b> <b>PF 83/42 - 90S/4A</b>	370	111			
3.3		3217	2.2	437.93	44.0	57.0	62.0	65.0						
3.8		2782	2.6	374.50	45.0	55.0	63.0	65.0						
1.6		6435	0.8	886.40	16.0	32.0	33.0	50.0	<b>PA 73/22 - 90S/4A</b> <b>PF 73/22 - 90S/4A</b>	237	110			
1.9		5418	0.9	736.40	20.0	32.0	35.0	50.0						
2.6		4118	1.1	566.43	24.0	31.0	37.0	50.0						
3.1		3432	1.3	457.52	26.0	31.0	38.0	50.0						
4.1		2573	1.8	346.75	27.0	30.0	39.0	50.0						
5.1		2059	2.2	280.08	27.0	29.0	40.0	50.0						
6.3		1660	2.9	226.38	28.0	27.0	40.0	50.0						
2.6		4118	0.8	372.70	12.0	32.0	23.0	45.0	<b>PA 63 - 90L/6B</b> <b>PF 63 - 90L/6B</b>	139	101			
3.2		3321	0.9	300.91	16.0	32.0	25.0	45.0						
3.6	2941	1.1	265.56	17.0	32.0	26.0	45.0							

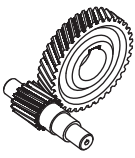


<b>P<sub>1</sub></b> [kW]	<b>n<sub>2</sub></b> [Min <sup>-1</sup> ]	<b>M<sub>2</sub></b> [Nm]	<b>f<sub>B</sub></b>	<b>i<sub>ges</sub></b>	<b>F<sub>R</sub></b> [kN]	<b>F<sub>A</sub></b> [kN]	<b>F<sub>R GR</sub></b> [kN]	<b>F<sub>A GR</sub></b> [kN]	<b>Tip / Type</b>	<b>Kg</b>	<b>Sayfa Page mm</b>
<b>1.10</b>	3.8	2782	1.0	372.70	17.0	31.0	26.0	45.0	<b>PA 63 - 90S/4A</b> <b>PF 63 - 90S/4A</b>	137	101
	4.7	2238	1.3	300.91	18.0	30.0	27.0	45.0			
	5.4	1942	1.7	265.56	19.0	30.0	27.0	45.0			
	6.6	1584	2.2	214.41	20.0	29.0	28.0	45.0			
	4.8	2190	1.0	294.23	11.0	24.0	17.0	40.0	<b>PA 53 - 90S/4A</b> <b>PF 53 - 90S/4A</b>	101	99
	5.8	1806	1.0	245.73	12.0	24.0	18.0	40.0			
	6.0	1745	1.0	236.60	12.0	24.0	18.0	40.0			
	7.7	1373	1.2	185.90	13.0	24.0	19.0	40.0			
	8.1	1303	1.3	177.45	13.0	24.0	19.0	40.0			
	10.2	1029	2.0	139.42	14.0	24.0	19.0	40.0	<b>PA 52 - 90L/6B</b> <b>PF 52 - 90L/6B</b>	85	98
	11.2	936	1.7	86.88	14.0	24.0	19.0	40.0			
	12.2	858	1.7	78.53	14.0	24.0	20.0	40.0			
	13.3	792	1.9	71.47	14.0	24.0	20.0	40.0	<b>PA 52 - 90S/4A</b> <b>PF 52 - 90S/4A</b>	83	98
	16.3	644	2.5	86.88	14.0	24.0	20.0	40.0			
	18.4	572	2.5	78.53	14.0	24.0	20.0	40.0	<b>PA 43 - 90S/4A</b> <b>PF 43 - 90S/4A</b>	69	97
	6.9	1514	0.8	204.49	3.0	12.0	9.0	13.0			
	8.4	1255	0.9	169.82	6.0	12.0	10.0	13.0			
	10.1	1040	1.0	141.63	7.0	12.0	10.0	13.0	<b>PA 42 - 90L/6B</b> <b>PF 42 - 90L/6B</b>	56	96
	11.2	936	0.8	85.10	7.0	12.0	11.0	13.0			
	13.3	792	1.2	74.87	7.0	12.0	11.0	13.0	<b>PA 42 - 90S/4A</b> <b>PF 42 - 90S/4A</b>	54	96
	13.3	792	1.0	105.08	7.0	12.0	11.0	13.0			
	16.3	644	1.1	85.10	8.0	12.0	11.0	13.0	<b>PA 42 - 90S/4A</b> <b>PF 42 - 90S/4A</b>	54	96
	19.4	542	1.9	74.87	8.0	12.0	11.0	13.0			
	23.5	448	2.0	60.64	8.0	12.0	11.0	12.0			
	15.3	686	0.9	64.26	6.0	9.0	9.0	14.0			
	17.3	606	0.8	81.27	6.0	9.0	9.0	14.0	<b>PA 32 - 90S/4A</b> <b>PF 32 - 90S/4A</b>	40	94
	19.4	542	1.0	72.71	6.0	9.0	9.0	14.0			
	22.4	468	1.2	64.26	6.0	9.0	9.0	13.0			
	24.5	429	1.3	57.49	7.0	9.0	9.0	13.0			
	30.6	343	1.4	46.29	6.0	9.0	9.0	13.0			
	30.6	343	1.8	46.22	6.0	9.0	9.0	13.0			
	36.7	286	1.4	38.76	6.0	9.0	9.0	12.0			
	37.7	278	2.0	37.22	6.0	9.0	9.0	12.0			
	42.8	245	1.4	33.00	6.0	9.0	9.0	12.0			
	45.9	228	2.0	31.16	6.0	9.0	9.0	12.0			
	54.1	194	2.0	26.53	5.0	9.0	9.0	11.0			
	61.2	172	3.3	23.10	5.0	9.0	9.0	11.0			
	68.3	154	3.3	20.67	5.0	9.0	9.0	11.0			
		25.5	412	0.8	55.25	-	-	7.0			
30.6		343	0.8	45.90	1.0	6.0	7.0	9.0			
33.7		312	1.0	42.79	2.0	6.0	7.0	9.0			
39.8		264	1.1	35.55	3.0	6.0	7.0	8.0			
40.8		258	1.2	34.67	4.0	6.0	7.0	8.0			
49.0		215	1.2	29.34	4.0	6.0	7.0	8.0			
49.0		215	1.6	28.80	4.0	6.0	7.0	8.0			
57.1		184	1.2	24.69	4.0	6.0	7.0	8.0			
60.2		174	1.7	23.77	4.0	6.0	7.0	8.0			
71.4		147	1.8	20.00	4.0	6.0	7.0	8.0			
84.7		124	2.5	16.74	4.0	6.0	7.0	7.0			
96.9		109	2.9	14.67	4.0	6.0	7.0	7.0			
116.3		90	3.1	12.19	4.0	6.0	8.0	7.0			
130.6		80	3.3	10.90	4.0	6.0	8.0	7.0			
168.3		63	3.1	8.46	3.0	6.0	8.0	6.0			

**1.10 kW**  
**1.50 kW**

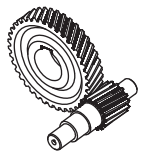


$P_1$ [kW]	$n_2$ [Min <sup>-1</sup> ]	$M_2$ [Nm]	$f_B$	$i_{ges}$	$F_R$ [kN]	$F_A$ [kN]	$F_{R GR}$ [kN]	$F_{A GR}$ [kN]	Tip / Type	 Kg	Sayfa Page mm	
<b>1.10</b>	67.3	156	1.0	21.27	1.0	4.0	5.0	6.0	<b>PA 12 - 90S/4A</b> <b>PF 12 - 90S/4A</b>	20	90	
	75.5	139	1.0	18.80	1.0	4.0	5.0	6.0				
	84.7	124	1.1	16.74	2.0	4.0	5.0	6.0				
	106.1	99	1.4	13.39	2.0	4.0	5.0	6.0				
	132.6	79	1.6	10.68	2.0	4.0	5.0	5.0				
	147.9	71	1.8	9.65	2.0	4.0	5.0	5.0				
	181.6	58	2.0	7.85	2.0	4.0	5.0	5.0				
	195.8	54	2.2	7.29	2.0	4.0	5.0	5.0				
	218.3	48	2.5	6.53	2.0	4.0	5.0	5.0				
	245.8	43	2.6	5.78	2.0	4.0	5.0	5.0				
	288.7	36	3.1	4.93	2.0	3.0	5.0	5.0				
	317.2	33	3.2	4.49	2.0	3.0	5.0	4.0				
	329.5	32	3.4	4.31	2.0	3.0	5.0	4.0				
	358.0	29	3.4	3.98	2.0	3.0	5.0	4.0				
	126.5	83	0.8	11.24	1.0	3.0	3.0	4.0				<b>PA 02 - 90S/4A</b> <b>PF 02 - 90S/4A</b>
	142.8	74	0.9	9.94	2.0	3.0	3.0	4.0				
	153.0	69	0.9	9.27	2.0	3.0	3.0	4.0				
	173.4	61	1.0	8.20	2.0	3.0	3.0	4.0				
	182.6	58	1.0	7.80	2.0	3.0	3.0	4.0				
	206.0	51	1.1	6.89	2.0	3.0	3.0	4.0				
	255.0	41	1.3	5.57	2.0	3.0	3.0	3.0				
	294.8	35	1.5	4.82	2.0	3.0	2.0	3.0				
	366.2	28	1.7	3.90	2.0	3.0	2.0	3.0				
	421.3	25	1.9	3.39	2.0	3.0	2.0	3.0				
	482.5	22	2.0	2.97	2.0	3.0	2.0	3.0				
	502.9	21	2.3	2.83	-	3.0	-	-	<b>PA 11 - 90S/4A</b> <b>PF 11 - 90S/4A</b>	16	82	
	613.0	17	2.5	2.32	-	3.0	-	-				
	697.7	15	3.2	2.04	-	3.0	-	-				
	786.4	14	3.4	1.81	-	3.0	-	-				
	<b>1.50</b>	1.0	14181	1.3	1413.66	97.0	120.0	120.0	120.0	<b>PA 103/52 - 90L/4A</b> <b>PF 103/52 - 90L/4A</b>	788	111
		1.2	11699	1.6	1147.52	98.0	120.0	120.0	120.0			
		1.5	9359	2.0	944.01	100.0	120.0	120.0	120.0			
		1.7	8257	2.2	817.82	101.0	120.0	120.0	120.0			
2.2		6381	3.1	642.57	101.0	120.0	120.0	120.0				
1.1		12763	0.9	1299.17	57.0	80.0	87.0	80.0	<b>PA 93/42 - 90L/4A</b> <b>PF 93/42 - 90L/4A</b>	540	111	
1.3		10799	1.0	1090.99	60.0	80.0	89.0	80.0				
1.7		8257	1.3	811.95	63.0	80.0	91.0	80.0				
1.8		7799	1.4	756.80	63.0	80.0	91.0	80.0				
2.6		5615	2.0	547.88	65.0	80.0	92.0	80.0				
3.2		4529	2.5	456.91	66.0	80.0	93.0	80.0				
1.5		9359	0.8	897.44	33.0	60.0	55.0	65.0	<b>PA 83/32 - 90L/4A</b> <b>PF 83/32 - 90L/4A</b>	357	111	
1.9		7388	1.0	722.63	38.0	58.0	58.0	65.0				
2.8		5200	1.4	525.11	42.0	56.0	61.0	65.0	<b>PA 83/42 - 90L/4A</b> <b>PF 83/42 - 90L/4A</b>	372	111	
3.3		4387	1.7	437.93	43.0	54.0	62.0	65.0				
3.8		3795	2.0	374.50	44.0	53.0	62.0	65.0				
5.2		2753	2.6	276.00	45.0	49.0	63.0	65.0				
6.0		2379	3.1	236.03	45.0	48.0	63.0	65.0				
4.4		3264	2.5	216.49	44.0	51.0	62.0	65.0	<b>PA\PF 83 - 100L/6A</b>	331	105	
2.6		5615	0.9	566.43	20.0	28.0	35.0	50.0	<b>PA 73/22 - 90L/4A</b> <b>PF 73/22 - 90L/4A</b>	239	110	
3.1		4680	1.0	457.52	23.0	28.0	36.0	50.0				
4.1		3509	1.3	346.75	25.0	27.0	38.0	50.0				
5.1		2808	1.6	280.08	27.0	27.0	39.0	50.0				
6.3		2264	2.0	226.38	27.0	26.0	39.0	50.0	<b>PA 73/32 - 90L/4A</b> <b>PF 73/32 - 90L/4A</b>	250	110	
8.3	1734	2.6	171.10	28.0	25.0	40.0	50.0					
10.1	1418	2.9	141.16	28.0	24.0	40.0	50.0					
11.2	1276	2.8	124.66	28.0	23.0	40.0	50.0					

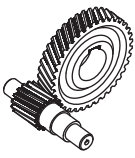


P <sub>1</sub> [kW]	n <sub>2</sub> [Min <sup>-1</sup> ]	M <sub>2</sub> [Nm]	f <sub>B</sub>	i <sub>ges</sub>	F <sub>R</sub> [kN]	F <sub>A</sub> [kN]	F <sub>R GR</sub> [kN]	F <sub>A GR</sub> [kN]	Tip / Type	Kg	Sayfa Page mm
<b>1.50</b>	4.6	3119	1.6	205.59	26.0	27.0	39.0	50.0	<b>PA 73 - 100L/6A</b> <b>PF 73 - 100L/6A</b>	224	103
	5.7	2507	2.0	166.07	27.0	26.0	39.0	50.0			
	3.6	4011	0.9	265.56	13.0	29.0	24.0	45.0	<b>PA\PF 63 - 100L/6A</b>	143	101
	3.8	3795	0.8	372.70	14.0	28.0	24.0	45.0	<b>PA 63 - 90L/4A</b> <b>PF 63 - 90L/4A</b>	139	101
	4.7	3052	1.0	300.91	17.0	28.0	26.0	45.0			
	5.4	2649	1.2	265.56	18.0	28.0	26.0	45.0			
	6.6	2160	1.6	214.41	19.0	27.0	27.0	45.0			
	13.3	1080	2.5	107.21	20.0	24.0	28.0	45.0			
	16.3	877	2.5	87.26	20.0	23.0	28.0	45.0			
	6.0	2379	0.8	236.60	10.0	24.0	17.0	40.0	<b>PA 53 - 90L/4A</b> <b>PF 53 - 90L/4A</b>	103	99
	7.7	1872	1.0	185.90	12.0	24.0	18.0	40.0			
	8.1	1777	1.0	177.45	12.0	24.0	18.0	40.0			
	10.2	1403	1.5	139.42	13.0	24.0	19.0	40.0			
	11.2	1276	1.2	86.88	13.0	24.0	19.0	40.0	<b>PA 52 - 100L/6A</b> <b>PF 52 - 100L/6A</b>	89	98
	12.2	1170	1.2	78.53	13.0	24.0	19.0	40.0			
	13.3	1080	1.3	71.47	13.0	24.0	19.0	40.0			
	16.3	877	1.8	86.88	14.0	24.0	20.0	40.0	<b>PA 52 - 90L/4A</b> <b>PF 52 - 90L/4A</b>	85	98
	18.4	780	1.9	78.53	14.0	24.0	20.0	40.0			
	20.4	702	2.0	71.47	14.0	24.0	20.0	40.0			
	39.8	360	3.3	36.00	14.0	24.0	20.0	40.0			
	43.9	326	3.3	32.54	14.0	24.0	20.0	40.0			
	11.2	1276	1.0	129.27	3.0	12.0	10.0	11.0	<b>PA\PF 43 - 90L/4A</b>	71	97
	13.3	1080	0.8	105.08	6.0	12.0	10.0	12.0	<b>PA 42 - 90L/4A</b> <b>PF 42 - 90L/4A</b>	56	96
	16.3	877	0.9	85.10	7.0	12.0	11.0	12.0			
	19.4	739	1.3	74.87	8.0	12.0	11.0	12.0			
	23.5	611	1.5	60.64	8.0	12.0	11.0	11.0			
	46.9	305	2.5	30.47	8.0	12.0	12.0	10.0			
	58.1	246	2.5	24.68	7.0	12.0	12.0	10.0			
	22.4	638	1.0	64.26	6.0	9.0	9.0	12.0	<b>PA 32 - 90L/4A</b> <b>PF 32 - 90L/4A</b>	42	94
	24.5	585	1.0	57.49	6.0	9.0	9.0	12.0			
	30.6	468	1.0	46.29	6.0	9.0	9.0	12.0			
	30.6	468	1.3	46.22	6.0	9.0	9.0	12.0			
	36.7	390	1.0	38.76	6.0	9.0	9.0	11.0			
	37.7	379	1.4	37.22	6.0	9.0	9.0	12.0			
	42.8	334	1.0	33.00	5.0	9.0	9.0	11.0			
	45.9	312	1.5	31.16	5.0	9.0	9.0	11.0			
	54.1	265	1.5	26.53	5.0	9.0	9.0	11.0			
	61.2	234	2.2	23.10	5.0	9.0	9.0	11.0			
	68.3	210	2.2	20.67	5.0	9.0	9.0	10.0			
	76.5	187	2.3	18.64	5.0	9.0	9.0	10.0			
	33.7	425	0.8	42.79	0.3	0.4	6.0	8.0	<b>PA 22 - 90L/4A</b> <b>PF 22 - 90L/4A</b>	31	92
	39.8	360	0.9	35.55	0.3	0.4	7.0	8.0			
40.8	351	0.9	34.67	0.3	0.4	7.0	8.0				
49.0	292	1.0	29.34	0.4	6.0	7.0	7.0				
49.0	292	1.2	28.80	1.0	6.0	7.0	8.0				
57.1	251	1.0	24.69	1.0	6.0	7.0	7.0				
60.2	238	1.2	23.77	2.0	6.0	7.0	7.0				
71.4	201	1.3	20.00	3.0	6.0	7.0	7.0				
84.7	170	1.9	16.74	4.0	6.0	7.0	7.0				
96.9	148	2.0	14.67	4.0	6.0	7.0	7.0				
116.3	123	2.2	12.19	4.0	6.0	7.0	7.0				
130.6	110	2.2	10.90	4.0	6.0	7.0	7.0				
168.3	85	2.2	8.46	3.0	6.0	8.0	6.0				
187.7	76	2.2	7.57	3.0	5.0	8.0	6.0				
207.1	70	2.5	6.86	3.0	5.0	8.0	6.0				
218.3	66	2.3	6.51	3.0	5.0	8.0	6.0				

**1.50 kW**  
**2.20 kW**

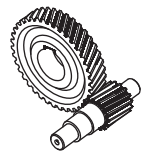


P <sub>1</sub> [kW]	n <sub>2</sub> [Min <sup>-1</sup> ]	M <sub>2</sub> [Nm]	f <sub>B</sub>	i <sub>ges</sub>	F <sub>R</sub> [kN]	F <sub>A</sub> [kN]	F <sub>R GR</sub> [kN]	F <sub>A GR</sub> [kN]	Tip / Type	Kg	Sayfa Page mm
<b>1.50</b>	67.3	213	0.8	21.27	-	-	5.0	6.0	<b>PA 12 - 90L/4A</b> <b>PF 12 - 90L/4A</b>	22	90
	75.5	190	0.8	18.80	-	-	5.0	6.0			
	84.7	170	0.9	16.74	-	-	5.0	5.0			
	106.1	135	1.0	13.39	1.0	4.0	5.0	5.0			
	132.6	108	1.1	10.68	2.0	4.0	5.0	5.0			
	147.9	97	1.3	9.65	2.0	4.0	5.0	5.0			
	181.6	78	1.5	7.85	2.0	4.0	5.0	5.0			
	195.8	74	1.6	7.29	2.0	4.0	5.0	5.0			
	218.3	66	1.8	6.53	2.0	3.0	5.0	5.0			
	245.8	58	2.0	5.78	2.0	3.0	5.0	5.0			
	288.7	50	2.2	4.93	2.0	3.0	5.0	4.0			
	317.2	45	2.2	4.49	2.0	3.0	5.0	4.0			
	329.5	43	2.3	4.31	2.0	3.0	5.0	4.0			
	358.0	40	2.3	3.98	2.0	3.0	5.0	4.0			
	420.2	34	2.5	3.39	2.0	3.0	5.0	4.0			
	480.4	29	2.5	2.96	2.0	3.0	5.0	4.0			
	182.6	78	0.8	7.80	0.4	3.0	2.0	3.0	<b>PA 02 - 90L/4A</b> <b>PF 02 - 90L/4A</b>	20	88
	206.0	70	0.9	6.89	1.0	3.0	2.0	3.0			
	255.0	56	1.0	5.57	1.0	3.0	2.0	3.0			
	294.8	49	1.0	4.82	1.0	3.0	2.0	3.0			
	366.2	39	1.2	3.90	2.0	2.0	2.0	3.0			
	421.3	34	1.4	3.39	2.0	2.0	2.0	3.0			
	482.5	29	1.4	2.97	1.0	2.0	2.0	3.0			
	525.3	27	2.2	2.71	-	4.0	-	-	<b>PA 21 - 90L/4A</b> <b>PF 21 - 90L/4A</b>	24	83
587.5	25	2.2	2.42	-	4.0	-	-				
502.9	28	1.8	2.83	-	3.0	-	-	<b>PA 11 - 90L/4A</b> <b>PF 11 - 90L/4A</b>	18	82	
613.0	24	1.9	2.32	-	3.0	-	-				
697.7	21	2.2	2.04	-	3.0	-	-				
786.4	19	2.3	1.81	-	3.0	-	-				
<b>2.20</b>	1.0	20590	1.0	1413.66	89.0	120.0	120.0	120.0	<b>PA 103/52 - 100L/4A</b> <b>PF 103/52 - 100L/4A</b>	792	111
	1.3	15839	1.1	1147.52	95.0	120.0	120.0	120.0			
	1.5	13727	1.3	944.01	97.0	120.0	120.0	120.0			
	1.8	11439	1.6	817.82	99.0	120.0	120.0	120.0			
	2.2	9359	2.0	642.57	100.0	120.0	120.0	120.0			
	3.2	6641	2.9	468.19	101.0	120.0	120.0	120.0			
	1.3	15839	0.8	1090.99	51.0	80.0	83.0	80.0	<b>PA 93/42 - 100L/4A</b> <b>PF 93/42 - 100L/4A</b>	544	111
	1.8	11439	1.0	811.95	59.0	80.0	88.0	80.0			
	1.9	10837	1.0	756.80	60.0	80.0	89.0	80.0			
	2.7	7919	1.4	547.88	63.0	80.0	91.0	80.0			
	3.2	6641	1.7	456.91	64.0	80.0	92.0	80.0			
	4.4	4788	2.3	332.89	66.0	80.0	93.0	80.0			
	5.1	4118	2.8	287.97	66.0	80.0	93.0	80.0			
	2.0	10295	0.8	722.63	30.0	51.0	53.0	65.0	<b>PA\PF 83/32 - 100L/4A</b>	361	111
	2.8	7625	1.0	525.11	38.0	51.0	58.0	65.0	<b>PA 83/42 - 100L/4A</b> <b>PF 83/42 - 100L/4A</b>	376	111
	3.4	6240	1.2	437.93	41.0	50.0	60.0	65.0			
	3.9	5418	1.3	374.50	42.0	49.0	61.0	65.0			
	5.3	3959	1.9	276.00	44.0	46.0	62.0	65.0			
	6.2	3375	2.2	236.03	44.0	45.0	62.0	65.0			
	7.3	2860	2.5	201.09	44.0	44.0	63.0	65.0			
	6.7	3119	2.6	216.49	44.0	44.0	62.0	65.0	<b>PA\PF 83 - 100L/4A</b>	331	105
	4.3	4902	1.0	346.75	22.0	24.0	36.0	50.0	<b>PA 73/22 - 100L/4A</b> <b>PF 73/22 - 100L/4A</b>	243	110
	5.3	3959	1.1	280.08	24.0	24.0	38.0	50.0			
	6.5	3217	1.4	226.38	26.0	23.0	38.0	50.0	<b>PA\PF 73/32 - 100L/4A</b>	254	110
7.1	2941	1.7	205.59	26.0	23.0	39.0	50.0	<b>PA 73 - 100L/4A</b> <b>PF 73 - 100L/4A</b>	224	103	
8.9	2367	2.2	166.07	27.0	23.0	39.0	50.0				
12.2	1716	2.5	124.55	28.0	22.0	40.0	50.0				

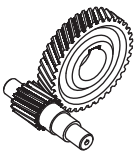



<b>P<sub>1</sub></b> [kW]	<b>n<sub>2</sub></b> [Min <sup>-1</sup> ]	<b>M<sub>2</sub></b> [Nm]	<b>f<sub>B</sub></b>	<b>i<sub>ges</sub></b>	<b>F<sub>R</sub></b> [kN]	<b>F<sub>A</sub></b> [kN]	<b>F<sub>R GR</sub></b> [kN]	<b>F<sub>A GR</sub></b> [kN]	<b>Tip / Type</b>	<b>Kg</b>	<b>Sayfa Page mm</b>			
<b>2.20</b>	5.2	4038	0.8	283.00	13.0	24.0	23.0	45.0	<b>PA\PF 63/22 - 100L/4A</b>	162	110			
	5.5	3813	0.9	265.56	14.0	24.0	24.0	45.0	<b>PA 63 - 100L/4A PF 63 - 100L/4A</b>	143	101			
	6.8	3073	1.1	214.41	16.0	24.0	26.0	45.0						
	8.2	2573	1.3	180.86	18.0	24.0	27.0	45.0						
	10.1	2080	1.6	146.02	19.0	23.0	27.0	45.0						
	13.3	1584	2.2	108.08	20.0	22.0	28.0	45.0						
	17.3	1211	2.3	87.26	20.0	21.0	28.0	45.0						
	19.4	1084	2.9	77.49	20.0	21.0	28.0	45.0						
	23.5	895	3.2	62.96	20.0	20.0	28.0	43.0						
	10.2	2059	1.0	139.42	11.0	24.0	18.0	40.0	<b>PA 53 - 100L/4A PF 53 - 100L/4A</b>	107	99			
	14.3	1471	1.4	105.77	13.0	24.0	19.0	40.0						
	15.3	1373	1.5	95.41	13.0	24.0	19.0	40.0						
	17.3	1211	1.3	86.88	13.0	24.0	19.0	40.0	<b>PA 52 - 100L/4A PF 52 - 100L/4A</b>	89	98			
	18.4	1144	1.3	78.53	13.0	24.0	19.0	40.0						
	20.4	1029	1.4	71.47	14.0	24.0	19.0	40.0						
	24.5	858	2.0	59.50	14.0	24.0	20.0	40.0						
	27.5	762	2.3	53.79	14.0	24.0	20.0	40.0						
	29.6	710	2.5	48.95	14.0	24.0	20.0	40.0						
	15.3	1373	0.9	94.91	0.4	0.4	9.0	9.0	<b>PA 43 - 100L/4A PF 43 - 100L/4A</b>	75	97			
	18.4	1144	1.0	80.01	1.0	12.0	10.0	10.0						
	19.4	1084	1.0	74.87	3.0	12.0	10.0	10.0	<b>PA 42 - 100L/4A PF 42 - 100L/4A</b>	60	96			
	24.5	858	1.0	60.64	6.0	12.0	11.0	10.0						
	28.6	735	1.4	50.99	8.0	12.0	11.0	10.0						
	35.7	588	1.9	41.30	8.0	12.0	11.0	10.0						
	41.8	502	2.2	35.26	7.0	12.0	11.0	10.0						
	47.9	438	2.2	30.47	7.0	12.0	11.0	10.0						
	50.0	420	2.2	29.28	7.0	12.0	11.0	9.0						
	59.2	355	2.3	24.68	7.0	12.0	11.0	9.0						
	60.2	349	2.2	24.42	7.0	12.0	11.0	9.0						
	67.3	312	2.9	21.85	7.0	12.0	12.0	9.0						
	31.6	664	1.0	46.22	3.0	9.0	9.0	11.0				<b>PA 32 - 100L/4A PF 32 - 100L/4A</b>	46	94
	39.8	528	1.0	37.22	4.0	9.0	9.0	10.0						
	46.9	448	1.0	31.16	5.0	9.0	9.0	10.0						
	55.1	381	1.0	26.53	5.0	9.0	9.0	10.0						
	63.2	332	1.8	23.10	5.0	9.0	9.0	10.0						
	71.4	294	2.0	20.67	5.0	9.0	9.0	10.0						
	78.5	268	2.2	18.64	5.0	9.0	9.0	10.0						
	87.7	239	2.0	16.64	4.0	9.0	9.0	9.0						
	90.8	231	2.5	16.23	4.0	9.0	9.0	9.0						
	97.9	215	2.2	15.01	4.0	8.0	9.0	9.0						
	101.0	208	2.5	14.52	4.0	9.0	9.0	9.0						
	125.5	168	2.5	11.70	4.0	8.0	9.0	9.0						
	51.0	412	0.9	28.80	0.3	0.2	7.0	6.0	<b>PA 22 - 100L/4A PF 22 - 100L/4A</b>	35	92			
	62.2	337	0.9	24.69	0.3	0.4	7.0	6.0						
	73.4	286	1.0	20.00	0.4	0.3	7.0	6.0						
	87.7	239	1.3	16.74	1.0	6.0	7.0	6.0						
	100.0	210	1.5	14.67	2.0	6.0	7.0	6.0						
120.4	174	1.7	12.19	2.0	6.0	7.0	6.0							
134.6	156	1.9	10.90	3.0	5.0	7.0	6.0							
173.4	122	2.0	8.46	3.0	5.0	7.0	6.0							
193.8	109	2.0	7.57	3.0	5.0	7.0	6.0							
214.2	98	2.3	6.86	3.0	5.0	8.0	6.0							
225.4	93	2.2	6.51	3.0	5.0	8.0	5.0							
254.0	82	2.3	5.77	3.0	5.0	8.0	5.0							
283.6	74	2.0	5.18	3.0	4.0	8.0	5.0							
318.2	66	2.0	4.64	3.0	4.0	8.0	5.0							

**2.20 kW**  
**3.00 kW**

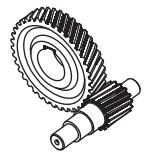


P <sub>1</sub> [kW]	n <sub>2</sub> [Min <sup>-1</sup> ]	M <sub>2</sub> [Nm]	f <sub>B</sub>	i <sub>ges</sub>	F <sub>R</sub> [kN]	F <sub>A</sub> [kN]	F <sub>R GR</sub> [kN]	F <sub>A GR</sub> [kN]	Tip / Type	Kg	Sayfa Page mm			
<b>2.20</b>	110.2	191	0.8	13.39	0.2	0.2	5.0	5.0	<b>PA 12 - 100L/4A</b> <b>PF 12 - 100L/4A</b>	26	90			
	137.7	153	0.9	10.68	0.2	0.2	5.0	5.0						
	152.0	138	1.0	9.65	0.2	0.2	5.0	5.0						
	186.7	113	1.0	7.85	0.2	3.0	5.0	4.0						
	202.0	104	1.1	7.29	1.0	3.0	5.0	4.0						
	225.4	93	1.2	6.53	1.0	3.0	5.0	4.0						
	254.0	82	1.3	5.78	1.0	3.0	5.0	4.0						
	297.8	71	1.5	4.93	1.0	3.0	5.0	4.0						
	327.4	64	1.7	4.49	1.0	3.0	5.0	4.0						
	339.7	62	1.7	4.31	2.0	3.0	5.0	4.0						
	369.2	57	1.9	3.98	1.0	3.0	5.0	4.0						
	433.5	48	2.0	3.39	2.0	3.0	5.0	4.0						
	495.7	42	2.2	2.96	2.0	2.0	5.0	4.0						
	541.6	39	1.8	2.71	-	4.0	-	-				<b>PA 21 - 100L/4A</b> <b>PF 21 - 100L/4A</b>	28	83
	606.9	34	2.0	2.42	-	4.0	-	-						
	705.8	29	2.0	2.08	-	4.0	-	-						
	793.6	26	2.2	1.85	-	3.0	-	-						
	519.2	40	1.2	2.83	-	3.0	-	-	<b>PA 11 - 100L/4A</b> <b>PF 11 - 100L/4A</b>	22	82			
	633.4	33	1.3	2.32	-	3.0	-	-						
	720.1	29	1.8	2.04	-	3.0	-	-						
	811.9	25	2.0	1.81	-	2.0	-	-						
	<b>3.00</b>	1.2	23398	0.8	1147.52	85.0	120.0	120.0	120.0	<b>PA 103/52 - 100L/4B</b> <b>PF 103/52 - 100L/4B</b>	795	111		
		1.5	18718	1.0	944.01	92.0	120.0	120.0	120.0					
		1.7	16516	1.1	817.82	94.0	120.0	120.0	120.0					
		2.2	12763	1.4	642.57	98.0	120.0	120.0	120.0					
		3.1	9359	2.0	468.19	100.0	120.0	120.0	120.0					
		4.3	6685	2.8	341.11	101.0	120.0	120.0	120.0					
1.9		14777	0.8	756.80	53.0	80.0	84.0	80.0	<b>PA 93/42 - 100L/4B</b> <b>PF 93/42 - 100L/4B</b>	547	111			
2.7		10799	1.0	547.88	60.0	80.0	89.0	80.0						
3.2		9057	1.2	456.91	62.0	80.0	90.0	80.0						
4.3		6685	1.7	332.89	64.0	80.0	92.0	80.0						
5.0		5730	2.0	287.97	65.0	77.0	92.0	80.0						
6.0		4759	2.3	240.68	66.0	74.0	93.0	80.0						
2.8		10399	0.8	525.11	30.0	45.0	53.0	65.0	<b>PA 83/42 - 100L/4B</b> <b>PF 83/42 - 100L/4B</b>	379	111			
3.3		8774	0.9	437.93	35.0	45.0	56.0	65.0						
3.9		7388	1.0	374.50	38.0	45.0	58.0	65.0						
5.2		5506	1.3	276.00	42.0	44.0	61.0	65.0						
6.1		4680	1.6	236.03	43.0	43.0	61.0	65.0						
7.2		3954	1.9	201.09	44.0	42.0	62.0	65.0						
9.7		2956	2.3	149.01	44.0	39.0	63.0	65.0						
11.2		2553	2.5	126.95	45.0	38.0	63.0	65.0						
6.6		4320	1.9	216.49	43.0	42.0	62.0	65.0	<b>PA 83 - 100L/4B</b> <b>PF 83 - 100L/4B</b>	334	105			
10.2		2808	2.5	136.67	45.0	39.0	63.0	65.0						
5.2		5506	0.9	280.08	20.0	20.0	35.0	50.0	<b>PA\PF 73/22 - 100L/4B</b>	246	110			
6.3		4529	1.0	226.38	23.0	21.0	37.0	50.0	<b>PA\PF 73/32 - 100L/4B</b>	257	110			
7.0		4069	1.2	205.59	24.0	21.0	37.0	50.0	<b>PA 73 - 100L/4B</b> <b>PF 73 - 100L/4B</b>	227	103			
8.7		3304	1.6	166.07	26.0	21.0	38.0	50.0						
11.2		2553	1.7	124.55	27.0	20.0	39.0	50.0						
14.3		2005	1.8	100.47	27.0	20.0	40.0	50.0						
15.3		1872	2.0	91.33	28.0	20.0	40.0	50.0						

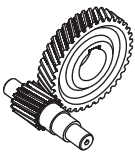



P <sub>1</sub> [kW]	n <sub>2</sub> [Min <sup>-1</sup> ]	M <sub>2</sub> [Nm]	f <sub>B</sub>	i <sub>ges</sub>	F <sub>R</sub> [kN]	F <sub>A</sub> [kN]	F <sub>R GR</sub> [kN]	F <sub>A GR</sub> [kN]	Tip / Type	 Kg	Sayfa Page mm			
<b>3.00</b>	6.7	4254	0.8	214.41	12.0	21.0	23.0	45.0	<b>PA 63 - 100L/4B</b> <b>PF 63 - 100L/4B</b>	146	101			
	8.0	3600	1.0	180.86	15.0	21.0	25.0	45.0						
	9.9	2895	1.2	146.02	17.0	21.0	26.0	45.0						
	13.3	2160	1.6	108.08	19.0	21.0	27.0	45.0						
	16.3	1755	1.7	87.26	19.0	20.0	28.0	45.0						
	18.4	1560	2.0	77.49	20.0	20.0	28.0	44.0						
	23.5	1221	2.2	62.96	20.0	19.0	28.0	42.0						
	26.5	1080	2.2	53.84	20.0	19.0	28.0	40.0						
	28.6	1003	2.2	50.83	20.0	19.0	28.0	40.0						
	33.7	851	2.3	43.47	20.0	18.0	28.0	38.0						
	10.2	2808	0.8	139.42	7.0	24.0	16.0	40.0				<b>PA 53 - 100L/4B</b> <b>PF 53 - 100L/4B</b>	110	99
	13.3	2160	1.0	105.77	11.0	24.0	17.0	40.0						
	15.3	1872	1.1	95.41	12.0	24.0	18.0	40.0						
	16.3	1755	1.0	86.88	12.0	24.0	18.0	40.0	<b>PA 52 - 100L/4B</b> <b>PF 52 - 100L/4B</b>	92	98			
	18.4	1560	1.0	78.53	13.0	24.0	19.0	40.0						
	20.4	1403	1.0	71.47	13.0	24.0	19.0	40.0						
	24.5	1170	1.5	59.50	13.0	24.0	19.0	40.0						
	26.5	1080	1.6	53.79	13.0	24.0	19.0	40.0						
	29.6	968	1.8	48.95	14.0	24.0	19.0	40.0						
	37.7	759	2.0	38.46	14.0	24.0	20.0	40.0						
	39.8	720	1.8	36.00	14.0	24.0	20.0	40.0						
	43.9	653	1.8	32.54	14.0	24.0	20.0	39.0						
	44.9	638	2.0	32.12	14.0	24.0	20.0	39.0						
	54.1	530	2.0	26.43	14.0	24.0	20.0	37.0						
	60.2	476	2.0	23.89	14.0	24.0	20.0	36.0						
	18.4	1560	0.8	80.01	0.4	0.3	9.0	7.0	<b>PA 43 - 100L/4B</b> <b>PF 43 - 100L/4B</b>	78	97			
	20.4	1403	0.9	70.10	0.3	0.3	9.0	8.0						
	23.5	1221	0.8	60.64	0.4	0.4	10.0	8.0	<b>PA 42 - 100L/4B</b> <b>PF 42 - 100L/4B</b>	63	96			
	28.6	1003	1.0	50.99	1.0	12.0	10.0	9.0						
	34.7	826	1.3	41.30	3.0	12.0	11.0	9.0						
	40.8	702	1.6	35.26	5.0	12.0	11.0	9.0						
	46.9	611	1.6	30.47	7.0	12.0	11.0	9.0						
	49.0	585	1.6	29.28	6.0	12.0	11.0	9.0						
	58.1	493	1.7	24.68	6.0	12.0	11.0	9.0						
	59.2	484	1.6	24.42	6.0	12.0	11.0	8.0						
	66.3	432	2.0	21.85	6.0	12.0	11.0	8.0						
	81.6	351	2.0	17.69	6.0	11.0	11.0	8.0						
	95.9	299	2.0	15.10	6.0	11.0	12.0	8.0						
	100.0	286	2.2	14.38	6.0	11.0	12.0	8.0						
	117.3	244	2.2	12.27	6.0	10.0	12.0	8.0						
	141.8	202	2.2	10.19	5.0	10.0	12.0	7.0						
	169.3	170	2.2	8.50	5.0	9.0	12.0	7.0						
62.2	461	1.2	23.10	4.0	8.0	9.0	9.0	<b>PA 32 - 100L/4B</b> <b>PF 32 - 100L/4B</b>	48	94				
69.4	413	1.5	20.67	4.0	8.0	9.0	9.0							
77.5	369	1.6	18.64	4.0	8.0	9.0	9.0							
86.7	330	1.5	16.64	4.0	8.0	9.0	9.0							
88.7	322	1.8	16.23	4.0	8.0	9.0	9.0							
95.9	299	1.6	15.01	4.0	8.0	9.0	9.0							
98.9	289	1.8	14.52	4.0	8.0	9.0	9.0							
123.4	232	1.8	11.70	4.0	7.0	9.0	8.0							
146.9	195	1.8	9.79	4.0	7.0	9.0	8.0							
182.6	157	2.0	7.89	4.0	7.0	9.0	8.0							
214.2	133	2.0	6.72	3.0	6.0	10.0	7.0							
253.0	114	2.0	5.69	3.0	6.0	10.0	7.0							
262.1	109	1.8	5.49	3.0	6.0	10.0	7.0							
273.4	105	2.2	5.29	3.0	6.0	10.0	7.0							
325.4	88	2.0	4.42	3.0	5.0	10.0	7.0							
384.5	74	2.0	3.75	3.0	5.0	10.0	6.0							
487.6	59	2.2	2.97	3.0	5.0	10.0	6.0							

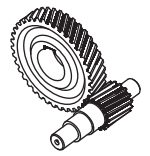
**3.00 kW**  
**4.00 kW**



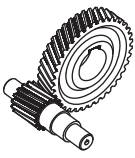
P <sub>1</sub> [kW]	n <sub>2</sub> [Min <sup>-1</sup> ]	M <sub>2</sub> [Nm]	f <sub>B</sub>	i <sub>ges</sub>	F <sub>R</sub> [kN]	F <sub>A</sub> [kN]	F <sub>R GR</sub> [kN]	F <sub>A GR</sub> [kN]	Tip / Type	Kg	Sayfa Page mm				
<b>3.00</b>	85.7	334	1.0	16.74	0.3	0.3	7.0	6.0	<b>PA 22 - 100L/4B</b> <b>PF 22 - 100L/4B</b>	38	92				
	97.9	292	1.0	14.67	0.4	0.3	7.0	6.0							
	118.3	242	1.2	12.19	0.3	0.3	7.0	6.0							
	132.6	216	1.3	10.90	0.3	5.0	7.0	6.0							
	170.3	169	1.4	8.46	1.0	4.0	7.0	5.0							
	190.7	150	1.5	7.57	2.0	4.0	7.0	5.0							
	210.1	136	1.7	6.86	2.0	4.0	7.0	5.0							
	221.3	129	1.6	6.51	2.0	4.0	7.0	5.0							
	248.9	115	1.7	5.77	3.0	4.0	7.0	5.0							
	278.5	103	1.4	5.18	2.0	4.0	7.0	5.0							
	312.1	92	1.5	4.64	2.0	4.0	8.0	5.0							
	363.1	78	1.6	3.99	2.0	4.0	8.0	5.0							
	409.0	70	1.7	3.53	2.0	4.0	8.0	5.0							
	517.1	56	1.9	2.80	2.0	3.0	7.0	4.0							
	<b>3.00</b>	183.6	156	0.8	7.85	0.2	0.2	5.0				4.0	<b>PA 12 - 100L/4B</b> <b>PF 12 - 100L/4B</b>	29	90
197.9		145	0.8	7.29	0.2	0.2	5.0	4.0							
221.3		129	1.0	6.53	0.2	0.2	5.0	4.0							
248.9		115	1.0	5.78	0.2	0.2	5.0	4.0							
292.7		98	1.1	4.93	0.2	0.2	5.0	4.0							
321.3		89	1.2	4.49	0.2	0.2	5.0	4.0							
334.6		85	1.2	4.31	0.4	2.0	5.0	4.0							
363.1		78	1.3	3.98	0.2	2.0	5.0	4.0							
425.3		68	1.5	3.39	1.0	2.0	5.0	4.0							
487.6		59	1.7	2.96	1.0	2.0	5.0	4.0							
559.0		51	1.8	2.58	-	4.0	-	-	<b>PA 31 - 100L/4B</b> <b>PF 31 - 100L/4B</b>	36	84				
693.6		41	2.0	2.08	-	4.0	-	-							
820.1		35	2.0	1.76	-	4.0	-	-							
<b>3.00</b>		532.4	54	1.3	2.71	-	4.0	-	-	<b>PA 21 - 100L/4B</b> <b>PF 21 - 100L/4B</b>	31	83			
		596.7	48	1.4	2.42	-	4.0	-	-						
	693.6	41	1.5	2.08	-	3.0	-	-							
<b>3.00</b>	780.3	36	1.6	1.85	-	3.0	-	-	<b>PA 11 - 100L/4B</b> <b>PF 11 - 100L/4B</b>	25	82				
	510.0	56	0.9	2.83	-	2.0	-	-							
	622.2	46	1.0	2.32	-	2.0	-	-							
	707.9	40	1.3	2.04	-	2.0	-	-							
797.6	36	1.4	1.81	-	2.0	-	-								
<b>4.00</b>	1.5	24958	0.8	944.01	83.0	120.0	120.0	120.0	<b>PA 103/52 - 112M/4B</b> <b>PF 103/52 - 112M/4B</b>	804	111				
	1.8	20798	0.9	817.82	89.0	120.0	120.0	120.0							
	2.2	17017	1.1	642.57	94.0	120.0	120.0	120.0							
	3.2	12077	1.5	468.19	98.0	120.0	120.0	120.0							
	4.3	8913	2.0	341.11	100.0	116.0	120.0	120.0							
	5.0	7640	2.5	296.56	101.0	112.0	120.0	120.0							
	6.0	6346	3.1	244.66	101.0	108.0	120.0	120.0							
	8.0	4799	3.3	184.77	102.0	101.0	120.0	120.0							
	<b>4.00</b>	2.7	14398	0.8	547.88	54.0	80.0	85.0				80.0	<b>PA 93/42 - 112M/4B</b> <b>PF 93/42 - 112M/4B</b>	556	111
		3.3	11699	1.0	456.91	59.0	78.0	88.0				80.0			
		4.4	8706	1.3	332.89	62.0	75.0	90.0				80.0			
		5.1	7487	1.5	287.97	64.0	74.0	91.0				80.0			
		6.1	6240	1.8	240.68	65.0	71.0	92.0				80.0			
		8.2	4680	2.5	182.00	66.0	67.0	93.0				80.0			
	9.2	4159	2.8	160.87	66.0	66.0	93.0	80.0				<b>PA/ PF 93/52 - 112M/4B</b>	585	111	
<b>4.00</b>	4.0	9599	0.8	374.50	33.0	39.0	55.0	65.0	<b>PA 83/42 - 112M/4B</b> <b>PF 83/42 - 112M/4B</b>	388	111				
	5.3	7199	1.0	276.00	39.0	40.0	59.0	65.0							
	6.2	6137	1.2	236.03	41.0	39.0	60.0	65.0							
	7.3	5200	1.4	201.09	42.0	39.0	61.0	65.0							
	9.9	3859	1.9	149.01	44.0	37.0	62.0	65.0							



P <sub>1</sub> [kW]	n <sub>2</sub> [Min <sup>-1</sup> ]	M <sub>2</sub> [Nm]	f <sub>B</sub>	i <sub>ges</sub>	F <sub>R</sub> [kN]	F <sub>A</sub> [kN]	F <sub>R GR</sub> [kN]	F <sub>A GR</sub> [kN]	Tip / Type	 Kg	Sayfa Page mm
<b>4.00</b>	6.8	5587	1.5	216.49	42.0	39.0	61.0	65.0	<b>PA 83 - 112M/4B PF 83 - 112M/4B</b>	343	105
	11.2	3404	2.0	136.67	44.0	37.0	62.0	65.0			
	18.4	2080	1.9	80.63	45.0	33.0	63.0	65.0			
	21.4	1783	2.0	70.19	45.0	32.0	63.0	65.0			
	23.5	1628	2.0	61.79	45.0	32.0	63.0	65.0			
6.5	5850	0.8	226.38	19.0	17.0	34.0	50.0	<b>PA\PF 73/32 - 112M/4B</b>	266	110	
<b>4.00</b>	7.1	5348	1.0	205.59	21.0	18.0	35.0	50.0	<b>PA 73 - 112M/4B PF 73 - 112M/4B</b>	236	103
	8.9	4303	1.2	166.07	24.0	18.0	37.0	50.0			
	12.2	3119	1.4	124.55	26.0	18.0	39.0	50.0			
	14.3	2674	1.3	100.47	27.0	18.0	39.0	50.0			
	16.3	2340	1.6	91.33	27.0	18.0	39.0	50.0			
	19.4	1971	1.8	74.80	27.0	18.0	40.0	50.0			
	24.5	1560	1.8	60.42	28.0	17.0	40.0	47.0			
	28.6	1337	1.9	52.28	28.0	17.0	40.0	46.0			
	32.6	1170	2.0	45.67	28.0	16.0	40.0	44.0			
	38.8	985	2.0	37.68	28.0	16.0	40.0	42.0			
	43.9	870	2.0	33.27	28.0	15.0	40.0	41.0			
	52.0	734	2.0	28.35	28.0	15.0	40.0	39.0			
	<b>4.00</b>	8.2	4680	0.8	180.86	9.0	18.0	21.0			
10.1		3782	1.0	146.02	14.0	18.0	24.0	45.0			
13.3		2879	1.1	108.08	17.0	19.0	26.0	44.0			
17.3		2202	1.3	87.26	19.0	19.0	27.0	42.0			
19.4		1971	1.6	77.49	19.0	18.0	27.0	42.0			
23.5		1628	1.7	62.96	19.0	18.0	28.0	40.0			
27.5		1387	1.8	53.84	20.0	18.0	28.0	39.0			
28.6		1337	1.7	50.83	20.0	18.0	28.0	38.0			
33.7		1135	1.8	43.47	20.0	17.0	28.0	37.0			
40.8		936	1.7	36.14	20.0	17.0	28.0	35.0			
47.9	797	1.8	30.90	20.0	16.0	28.0	34.0				
30.6	1248	1.9	48.75	20.0	17.0	28.0	38.0	<b>PA\PF 62 - 112M/4B</b>	157	100	
<b>4.00</b>	14.3	2674	0.8	105.77	8.0	24.0	16.0	40.0	<b>PA 53 - 112M/4B PF 53 - 112M/4B</b>	119	99
	15.3	2496	0.9	95.41	9.0	24.0	17.0	40.0			
	18.4	2080	0.9	79.69	11.0	24.0	18.0	40.0			
	22.4	1701	1.0	65.31	12.0	24.0	18.0	40.0			
<b>4.00</b>	24.5	1560	1.1	59.50	13.0	24.0	19.0	40.0	<b>PA 52 - 112M/4B PF 52 - 112M/4B</b>	100	98
	27.5	1387	1.3	53.79	13.0	24.0	19.0	40.0			
	30.6	1248	1.4	48.95	13.0	24.0	19.0	40.0			
	38.8	985	1.6	38.46	14.0	24.0	19.0	39.0			
	40.8	936	1.4	36.00	14.0	24.0	19.0	39.0			
	44.9	851	1.4	32.54	14.0	24.0	20.0	38.0			
	45.9	832	1.5	32.12	14.0	24.0	20.0	37.0			
	56.1	681	2.5	26.43	14.0	24.0	20.0	36.0			
	61.2	624	2.3	23.89	14.0	24.0	20.0	35.0			
	68.3	559	2.6	21.65	14.0	24.0	20.0	34.0			
	75.5	506	2.6	19.57	14.0	24.0	20.0	33.0			
82.6	463	2.6	17.81	14.0	24.0	20.0	32.0				
25.5	1497	0.8	58.22	0.4	0.3	9.0	6.0	<b>PA\PF 43 - 112M/4B</b>	87	97	
<b>4.00</b>	28.6	1337	0.8	50.99	0.4	0.3	9.0	7.0	<b>PA 42 - 112M/4B PF 42 - 112M/4B</b>	72	96
	35.7	1069	1.0	41.30	1.0	0.3	10.0	7.0			
	41.8	913	1.2	35.26	1.0	0.3	11.0	7.0			
	47.9	797	1.2	30.47	2.0	11.0	11.0	8.0			
	50.0	764	1.2	29.28	2.0	10.0	11.0	7.0			
	60.2	634	1.3	24.68	4.0	11.0	11.0	8.0			
	60.2	634	1.2	24.42	3.0	10.0	11.0	7.0			
	67.3	567	1.8	21.85	5.0	11.0	11.0	8.0			
	83.6	457	2.2	17.69	6.0	10.0	11.0	8.0			
	97.9	390	2.2	15.10	5.0	10.0	11.0	7.0			
	102.0	374	2.5	14.38	5.0	10.0	11.0	7.0			
	120.4	318	2.5	12.27	5.0	9.0	12.0	7.0			



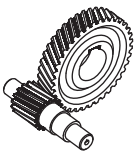
P <sub>1</sub> [kW]	n <sub>2</sub> [Min <sup>-1</sup> ]	M <sub>2</sub> [Nm]	f <sub>B</sub>	i <sub>ges</sub>	F <sub>R</sub> [kN]	F <sub>A</sub> [kN]	F <sub>R GR</sub> [kN]	F <sub>A GR</sub> [kN]	Tip / Type	Kg	Sayfa Page mm
<b>4.00</b>	64.3	594	1.0	23.10	1.0	7.0	9.0	8.0	<b>PA 32 - 112M/4B</b> <b>PF 32 - 112M/4B</b>	57	94
	71.4	535	1.1	20.67	2.0	7.0	9.0	8.0			
	78.5	486	1.2	18.64	2.0	7.0	9.0	8.0			
	88.7	430	1.1	16.64	3.0	7.0	9.0	8.0			
	90.8	420	1.4	16.23	4.0	7.0	9.0	8.0			
	97.9	390	1.2	15.01	3.0	7.0	9.0	8.0			
	101.0	378	1.6	14.52	4.0	7.0	9.0	8.0			
	125.5	305	2.0	11.70	4.0	6.0	9.0	8.0			
	149.9	255	2.0	9.79	3.0	6.0	9.0	8.0			
	186.7	205	2.2	7.89	3.0	6.0	9.0	7.0			
	218.3	175	2.2	6.72	3.0	6.0	9.0	7.0			
	259.1	147	2.3	5.69	3.0	6.0	10.0	7.0			
	268.3	142	2.0	5.49	3.0	5.0	10.0	7.0			
	279.5	136	2.5	5.29	3.0	5.0	10.0	7.0			
	332.5	115	2.2	4.42	3.0	5.0	10.0	6.0			
	392.7	97	2.3	3.75	3.0	5.0	10.0	6.0			
497.8	76	2.5	2.97	3.0	5.0	10.0	6.0				
	87.7	435	0.8	16.74	0.3	0.2	6.0	5.0	<b>PA 22 - 112M/4B</b> <b>PF 22 - 112M/4B</b>	47	92
	100.0	382	0.9	14.67	0.3	0.2	7.0	5.0			
	120.4	318	1.0	12.19	0.3	0.2	7.0	5.0			
	135.7	281	1.0	10.90	0.3	0.2	7.0	5.0			
	173.4	221	1.1	8.46	0.3	0.2	7.0	5.0			
	194.8	196	1.1	7.57	0.3	0.2	7.0	5.0			
	215.2	177	1.3	6.86	0.3	4.0	7.0	5.0			
	226.4	169	1.2	6.51	0.3	4.0	7.0	5.0			
	255.0	150	1.3	5.77	1.0	4.0	7.0	5.0			
	284.6	134	1.1	5.18	1.0	3.0	7.0	5.0			
	319.3	120	1.1	4.64	1.0	3.0	7.0	4.0			
	371.3	103	1.2	3.99	2.0	3.0	7.0	4.0			
	417.2	91	1.3	3.53	2.0	3.0	8.0	4.0			
	528.4	73	1.5	2.80	2.0	3.0	7.0	4.0			
	255.0	150	0.8	5.78	-	-	5.0	4.0	<b>PA 12 - 112M/4B</b> <b>PF 12 - 112M/4B</b>	38	90
	298.9	127	0.9	4.93	-	-	5.0	4.0			
	328.4	117	1.0	4.49	-	-	5.0	3.0			
	340.7	112	1.0	4.31	-	-	5.0	4.0			
	370.3	103	1.0	3.98	-	-	5.0	3.0			
	434.5	88	1.1	3.39	-	-	5.0	3.0			
	515.1	74	2.8	2.86	-	7.0	-	-	<b>PA 51 - 112M/4B</b> <b>PF 51 - 112M/4B</b>	62	86
	589.6	65	2.9	2.50	-	6.0	-	-			
	715.0	53	3.3	2.06	-	6.0	-	-			
	809.9	47	2.9	1.82	-	6.0	-	-			
	589.6	65	2.5	2.50	-	5.0	-	-	<b>PA 41 - 112M/4B</b> <b>PF 41 - 112M/4B</b>	53	85
	688.5	56	2.6	2.14	-	5.0	-	-			
	809.9	47	2.8	1.82	-	4.0	-	-			
	571.2	67	2.0	2.58	-	4.0	-	-	<b>PA 31 - 112M/4B</b> <b>PF 31 - 112M/4B</b>	45	84
	708.9	54	2.2	2.08	-	4.0	-	-			
	837.4	46	2.3	1.76	-	4.0	-	-			
	543.7	71	1.0	2.71	-	3.0	-	-	<b>PA 21 - 112M/4B</b> <b>PF 21 - 112M/4B</b>	40	83
	608.9	63	1.0	2.42	-	3.0	-	-			
	708.9	54	1.1	2.08	-	3.0	-	-			
	796.6	48	1.2	1.85	-	3.0	-	-			
	1009.8	38	1.5	1.46	-	3.0	-	-			
	635.5	60	0.8	2.32	-	2.0	-	-	<b>PA 11 - 112M/4B</b> <b>PF 11 - 112M/4B</b>	34	82
	722.2	53	1.0	2.04	-	2.0	-	-			
	814.0	47	1.0	1.81	-	2.0	-	-			
	956.8	40	1.1	1.54	-	2.0	-	-			
	1091.4	35	1.3	1.35	-	2.0	-	-			



P <sub>1</sub> [kW]	n <sub>2</sub> [Min <sup>-1</sup> ]	M <sub>2</sub> [Nm]	f <sub>B</sub>	i <sub>ges</sub>	F <sub>R</sub> [kN]	F <sub>A</sub> [kN]	F <sub>R GR</sub> [kN]	F <sub>A GR</sub> [kN]	Tip / Type	Kg	Sayfa Page mm
5.50	2.2	23398	0.8	642.57	85.0	120.0	120.0	120.0	PA 103/52 - 132S/4C PF 103/52 - 132S/4C	818	111
	3.2	16605	1.1	468.19	94.0	116.0	120.0	120.0			
	4.3	12256	1.5	341.11	98.0	111.0	120.0	120.0			
	5.0	10505	1.8	296.56	99.0	108.0	120.0	120.0			
	6.0	8725	2.0	244.66	100.0	104.0	120.0	120.0			
	7.1	7354	3.1	207.36	101.0	100.0	120.0	120.0	PA\PF 103 - 132S/4C	744	109
	4.4	11971	1.0	332.89	58.0	69.0	88.0	80.0	PA 93/42 - 132S/4C PF 93/42 - 132S/4C	570	111
	5.1	10295	1.1	287.97	61.0	69.0	89.0	80.0			
	6.1	8579	1.3	240.68	63.0	67.0	91.0	80.0			
	7.9	6685	1.9	187.99	64.0	65.0	92.0	80.0	PA 93 - 132S/4C PF 93 - 132S/4C	525	107
	13.3	3959	2.8	109.25	66.0	58.0	93.0	80.0			
	5.3	9899	0.8	276.00	32.0	34.0	54.0	65.0	PA 83/42 - 132S/4C PF 83/42 - 132S/4C	402	111
	6.2	8439	0.9	236.03	36.0	34.0	57.0	65.0			
	6.8	7683	1.0	216.49	38.0	35.0	58.0	65.0	PA 83 - 132S/4C PF 83 - 132S/4C	357	105
	9.0	5850	1.4	164.68	41.0	34.0	60.0	65.0			
	11.2	4680	1.4	136.67	43.0	34.0	61.0	65.0			
	14.3	3677	2.2	103.97	44.0	33.0	62.0	65.0			
	18.4	2860	3.1	80.63	44.0	32.0	63.0	65.0			
	21.4	2451	3.4	70.19	45.0	31.0	63.0	65.0			
	23.5	2238	3.4	61.79	45.0	30.0	63.0	65.0			
	8.6	6128	0.8	171.10	18.0	14.0	33.0	50.0	PA\PF 73/32 - 132S/4C	280	110
	8.9	5916	0.9	166.07	19.0	14.0	34.0	50.0	PA 73 - 132S/4C PF 73 - 132S/4C	250	103
	12.2	4289	1.2	124.55	24.0	16.0	37.0	50.0			
	12.2	4289	1.0	124.38	24.0	16.0	37.0	50.0			
	14.3	3677	1.0	100.47	25.0	16.0	38.0	50.0			
	16.3	3217	1.5	91.33	26.0	16.0	38.0	49.0			
	19.4	2709	1.8	74.80	27.0	16.0	39.0	48.0			
	24.5	2145	2.5	60.42	27.0	16.0	39.0	46.0			
	28.6	1838	2.9	52.28	28.0	16.0	40.0	44.0			
	11.2	4680	0.8	132.78	9.0	15.0	21.0	41.0	PA 63 - 132S/4C PF 63 - 132S/4C	169	101
	13.3	3959	0.9	108.08	13.0	16.0	24.0	40.0			
	14.3	3677	1.0	107.21	14.0	16.0	24.0	40.0			
	17.3	3028	1.0	87.26	17.0	16.0	26.0	40.0			
	19.4	2709	1.2	77.49	17.0	16.0	26.0	39.0			
	23.5	2238	1.5	62.96	18.0	16.0	27.0	38.0			
	27.5	1906	1.8	53.84	19.0	16.0	27.0	37.0			
	28.6	1838	1.9	50.83	19.0	16.0	27.0	37.0			
	33.7	1560	2.2	43.47	20.0	16.0	28.0	36.0			
	40.8	1287	2.5	36.14	20.0	16.0	28.0	34.0			
	47.9	1096	2.8	30.90	20.0	15.0	28.0	33.0			
	30.6	1716	1.3	48.75	19.0	16.0	28.0	36.0	PA 62 - 132S/4C PF 62 - 132S/4C	171	100
	39.8	1320	2.0	37.08	20.0	16.0	28.0	34.0			
24.5	2145	0.9	59.50	11.0	24.0	18.0	40.0	PA 52 - 132S/4C PF 52 - 132S/4C	114	98	
27.5	1906	1.0	53.79	12.0	24.0	18.0	40.0				
30.6	1716	1.0	48.95	12.0	24.0	18.0	40.0				
36.7	1430	1.2	40.34	13.0	24.0	19.0	39.0				
38.8	1354	1.1	38.46	13.0	24.0	19.0	38.0				
39.8	1320	1.3	36.71	13.0	24.0	19.0	38.0				
40.8	1287	1.0	36.00	13.0	24.0	19.0	37.0				
44.9	1170	1.0	32.54	13.0	24.0	19.0	38.0				
45.9	1144	1.1	32.12	13.0	24.0	19.0	36.0				
51.0	1029	1.8	28.85	14.0	24.0	19.0	36.0				
56.1	936	1.9	26.43	14.0	24.0	19.0	35.0				
61.2	858	1.8	24.09	14.0	24.0	20.0	34.0				
61.2	858	2.0	23.89	14.0	24.0	20.0	34.0				
68.3	768	2.2	21.65	14.0	24.0	20.0	33.0				
75.5	696	2.5	19.57	13.0	24.0	20.0	33.0				
82.6	635	2.8	17.81	13.0	24.0	20.0	32.0				

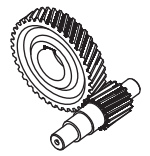


P <sub>1</sub> [kW]	n <sub>2</sub> [Min <sup>-1</sup> ]	M <sub>2</sub> [Nm]	f <sub>B</sub>	i <sub>ges</sub>	F <sub>R</sub> [kN]	F <sub>A</sub> [kN]	F <sub>R GR</sub> [kN]	F <sub>A GR</sub> [kN]	Tip / Type	Kg	Sayfa Page mm
5.50	35.7	1471	0.8	41.30	0.4	0.2	9.0	5.0	PA 42 - 132S/4C PF 42 - 132S/4C	86	96
	41.8	1255	1.0	35.26	0.4	0.2	10.0	6.0			
	47.9	1096	1.0	30.47	1.0	0.3	10.0	6.0			
	50.0	1051	1.0	29.28	1.0	0.3	10.0	6.0			
	57.1	919	1.2	25.88	1.0	0.3	11.0	6.0			
	60.2	872	1.0	24.68	1.0	0.3	11.0	6.0			
	60.2	872	1.0	24.42	1.0	0.3	11.0	6.0			
	67.3	780	1.3	21.85	1.0	9.0	11.0	7.0			
	68.3	768	1.4	21.50	1.0	0.3	11.0	6.0			
	82.6	635	1.4	17.93	1.0	8.0	11.0	6.0			
	83.6	628	1.8	17.69	2.0	8.0	11.0	7.0			
	97.9	536	2.2	15.10	3.0	8.0	11.0	7.0			
	102.0	515	2.0	14.38	4.0	8.0	11.0	7.0			
	120.4	436	2.5	12.27	5.0	8.0	11.0	7.0			
	144.8	363	2.6	10.19	5.0	8.0	11.0	6.0			
	173.4	303	2.5	8.50	5.0	8.0	12.0	6.0			
	64.3	817	0.8	23.10	0.4	0.3	8.0	7.0	PA 32 - 132S/4C PF 32 - 132S/4C	71	94
	71.4	735	0.9	20.67	0.4	0.3	9.0	7.0			
	78.5	668	0.9	18.64	0.4	0.3	9.0	7.0			
	88.7	592	0.9	16.64	0.4	0.3	9.0	7.0			
	90.8	578	1.0	16.23	0.4	0.3	9.0	7.0			
	97.9	536	0.9	15.01	0.4	0.3	9.0	7.0			
	101.0	520	1.2	14.52	0.3	5.0	9.0	7.0			
	125.5	418	1.6	11.70	2.0	5.0	9.0	7.0			
	149.9	350	1.7	9.79	2.0	5.0	9.0	7.0			
	186.7	281	2.2	7.89	3.0	5.0	9.0	7.0			
	218.3	240	2.3	6.72	3.0	5.0	9.0	7.0			
	259.1	203	2.5	5.69	3.0	5.0	9.0	6.0			
	268.3	196	2.0	5.49	3.0	5.0	9.0	6.0			
	279.5	188	2.6	5.29	3.0	5.0	9.0	6.0			
	332.5	158	2.3	4.42	3.0	5.0	9.0	6.0			
	392.7	133	2.5	3.75	3.0	4.0	10.0	6.0			
	497.8	106	2.6	2.97	3.0	4.0	9.0	6.0			
	515.1	102	3.1	2.86	-	6.0	-	-	PA\PF 51 - 132S/4C	76	86
	589.6	89	2.5	2.50	-	5.0	-	-	PA 41 - 132S/4C PF 41 - 132S/4C	67	85
688.5	76	2.8	2.14	-	4.0	-	-				
809.9	65	3.1	1.82	-	4.0	-	-				
571.2	92	1.9	2.58	-	4.0	-	-	PA 31 - 132S/4C PF 31 - 132S/4C	58	84	
708.9	74	2.0	2.08	-	3.0	-	-				
7.50	3.2	22643	0.9	468.19	86.0	106.0	120.0	120.0	PA 103/52 - 132M/4B PF 103/52 - 132M/4B	829	111
	4.3	16713	1.1	341.11	94.0	103.0	120.0	120.0			
	5.0	14325	1.3	296.56	96.0	101.0	120.0	120.0			
	6.0	11897	1.5	244.66	98.0	99.0	120.0	120.0			
	8.0	8999	2.0	184.77	100.0	94.0	120.0	120.0			
	9.5	7548	2.5	154.79	101.0	91.0	120.0	120.0			
	7.1	10027	2.2	207.36	100.0	96.0	120.0	120.0	PA\PF 103 - 132M/4B	755	109
	5.1	14039	0.9	287.97	55.0	62.0	85.0	80.0	PA 93/42 - 132M/4B PF 93/42 - 132M/4B	581	111
	6.1	11699	1.0	240.68	59.0	61.0	88.0	80.0			
	7.9	9116	1.4	187.99	62.0	60.0	90.0	80.0	PA 93 - 132M/4B PF 93 - 132M/4B	536	107
	13.3	5400	2.0	109.25	65.0	56.0	92.0	80.0			
	15.3	4680	2.2	93.43	66.0	54.0	93.0	80.0			
	7.3	9749	0.8	201.09	32.0	29.0	54.0	65.0	PA\PF 83/42 - 132M/4B	413	111
	9.0	7976	1.0	164.68	37.0	30.0	58.0	65.0	PA 83 - 132M/4B PF 83 - 132M/4B	368	105
	14.3	5014	1.7	103.97	42.0	30.0	61.0	65.0			
18.4	3899	2.2	80.63	44.0	30.0	62.0	65.0				
21.4	3343	2.3	70.19	44.0	29.0	62.0	65.0				
23.5	3052	2.3	61.79	44.0	29.0	62.0	65.0				

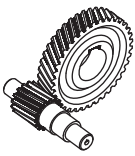


P <sub>1</sub> [kW]	n <sub>2</sub> [Min <sup>-1</sup> ]	M <sub>2</sub> [Nm]	f <sub>B</sub>	i <sub>ges</sub>	F <sub>R</sub> [kN]	F <sub>A</sub> [kN]	F <sub>R GR</sub> [kN]	F <sub>A GR</sub> [kN]	Tip / Type	Kg	Sayfa Page mm
<b>7.50</b>	12.2	5850	0.9	124.55	19.0	12.0	34.0	46.0	<b>PA 73 - 132M/4B PF 73 - 132M/4B</b>	261	103
	12.2	5850	0.8	124.38	19.0	12.0	34.0	46.0			
	14.3	5014	0.8	100.47	22.0	13.0	36.0	46.0			
	16.3	4387	1.1	91.33	24.0	13.0	37.0	45.0			
	19.4	3695	1.3	74.80	25.0	14.0	38.0	45.0			
	24.5	2924	1.8	60.42	26.0	14.0	39.0	43.0			
	28.6	2507	2.0	52.28	27.0	14.0	39.0	42.0			
	32.6	2193	2.2	45.67	27.0	14.0	39.0	41.0			
	38.8	1847	2.3	37.68	28.0	14.0	40.0	40.0			
	33.7	2127	1.8	43.70	27.0	14.0	39.0	41.0	<b>PA\PF 72 - 132M/4B</b>	251	102
	19.4	3695	1.0	77.49	14.0	14.0	24.0	36.0	<b>PA 63 - 132M/4B PF 63 - 132M/4B</b>	180	101
	23.5	3052	1.1	62.96	17.0	14.0	26.0	35.0			
	27.5	2600	1.3	53.84	18.0	14.0	26.0	35.0			
	28.6	2507	1.3	50.83	18.0	14.0	27.0	34.0			
	33.7	2127	1.6	43.47	19.0	14.0	27.0	34.0			
	40.8	1755	1.9	36.14	19.0	14.0	28.0	33.0			
	47.9	1494	2.0	30.90	20.0	14.0	28.0	32.0			
	56.1	1276	2.2	26.33	20.0	14.0	28.0	31.0			
	67.3	1063	2.2	21.97	20.0	13.0	28.0	29.0			
	71.4	1003	2.2	20.81	20.0	13.0	28.0	29.0			
	39.8	1800	1.5	37.08	19.0	14.0	28.0	33.0	<b>PA\PF 62 - 132M/4B</b>	182	100
	36.7	1950	1.0	40.34	11.0	24.0	18.0	37.0	<b>PA 52 - 132M/4B PF 52 - 132M/4B</b>	125	98
	39.8	1800	1.0	36.71	12.0	24.0	18.0	36.0			
	40.8	1755	0.8	36.00	12.0	24.0	18.0	36.0			
	44.9	1595	0.8	32.54	12.0	24.0	19.0	35.0			
	51.0	1403	1.3	28.85	13.0	24.0	19.0	34.0			
	56.1	1276	1.4	26.43	13.0	24.0	19.0	34.0			
	61.2	1170	1.3	24.09	13.0	24.0	19.0	33.0			
	61.2	1170	1.5	23.89	13.0	24.0	19.0	33.0			
	68.3	1048	1.7	21.65	13.0	24.0	19.0	32.0			
	75.5	949	1.9	19.57	13.0	24.0	19.0	32.0			
	82.6	866	2.0	17.81	13.0	24.0	20.0	31.0			
	105.1	681	2.0	13.99	12.0	24.0	20.0	29.0			
	109.1	656	2.2	13.46	12.0	23.0	20.0	29.0			
	57.1	1253	1.0	25.88	0.4	0.2	10.0	4.0			
	67.3	1063	1.0	21.85	1.0	0.2	10.0	5.0			
68.3	1048	1.0	21.50	1.0	0.2	10.0	5.0				
82.6	866	1.0	17.93	1.0	0.2	11.0	5.0				
83.6	856	1.3	17.69	1.0	0.2	11.0	6.0				
97.9	731	1.6	15.10	1.0	0.2	11.0	6.0				
102.0	702	1.5	14.38	1.0	0.2	11.0	6.0				
120.4	595	1.9	12.27	1.0	7.0	11.0	6.0				
144.8	494	1.9	10.19	2.0	7.0	11.0	6.0				
173.4	413	1.9	8.50	3.0	7.0	11.0	6.0				
202.0	355	2.0	7.27	4.0	6.0	11.0	6.0				
237.7	301	2.2	6.19	4.0	6.0	12.0	6.0				
275.4	260	1.9	5.36	4.0	6.0	11.0	5.0				
322.3	222	2.0	4.58	4.0	6.0	11.0	5.0				
378.4	189	2.2	3.90	4.0	6.0	11.0	5.0				

**7.50 kW**  
**9.20 kW**

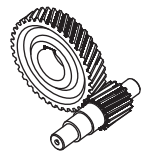


P <sub>1</sub> [kW]	n <sub>2</sub> [Min <sup>-1</sup> ]	M <sub>2</sub> [Nm]	f <sub>B</sub>	i <sub>ges</sub>	F <sub>R</sub> [kN]	F <sub>A</sub> [kN]	F <sub>R GR</sub> [kN]	F <sub>A GR</sub> [kN]	Tip / Type	Kg	Sayfa Page mm			
<b>7.50</b>	90.8	789	0.8	16.23	-	-	8.0	6.0	<b>PA 32 - 132M/4B</b> <b>PF 32 - 132M/4B</b>	82	94			
	101.0	709	0.9	14.52	-	-	9.0	6.0						
	125.5	570	1.1	11.70	-	-	9.0	6.0						
	149.9	477	1.2	9.79	-	-	9.0	6.0						
	186.7	383	1.6	7.89	1.0	4.0	9.0	6.0						
	218.3	328	1.7	6.72	1.0	4.0	9.0	6.0						
	259.1	276	1.9	5.69	2.0	4.0	9.0	6.0						
	268.3	267	1.5	5.49	1.0	4.0	9.0	6.0						
	279.5	256	2.0	5.29	3.0	4.0	9.0	6.0						
	332.5	216	1.7	4.42	2.0	4.0	9.0	6.0						
	392.7	182	1.9	3.75	2.0	4.0	9.0	6.0						
	497.8	144	2.0	2.97	2.0	4.0	9.0	5.0						
	515.1	139	2.2	2.86	-	6.0	-	-				<b>PA\PF 51 - 132M/4B</b>	87	86
	589.6	122	1.9	2.50	-	4.0	-	-				<b>PA 41 - 132M/4B</b> <b>PF 41 - 132M/4B</b>	78	85
	688.5	104	2.0	2.14	-	4.0	-	-						
	571.2	125	1.3	2.58	-	3.0	-	-				<b>PA 31 - 132M/4B</b> <b>PF 31 - 132M/4B</b>	69	84
708.9	101	1.5	2.08	-	3.0	-	-							
<b>9.20</b>	4.4	20024	1.0	341.11	90.0	97.0	120.0	120.0	<b>PA 103/52 - 132M/4</b> <b>PF 103/52 - 132M/4</b>	836	111			
	5.0	17572	1.0	296.56	93.0	96.0	120.0	120.0						
	6.0	14594	1.2	244.66	96.0	94.0	120.0	120.0						
	8.1	10900	1.7	184.77	99.0	90.0	120.0	120.0						
	9.6	9160	2.0	154.79	100.0	88.0	120.0	120.0						
	12.2	7176	2.5	122.75	101.0	84.0	120.0	120.0						
	14.3	6150	3.2	105.49	101.0	81.0	120.0	120.0						
	7.1	12300	1.7	207.36	98.0	92.0	120.0	120.0				<b>PA\PF 103 - 132M/4</b>	762	109
	6.1	14350	0.8	240.68	54.0	57.0	85.0	80.0	<b>PA\PF 93/42 - 132M/4</b>	588	111			
	7.9	11182	1.1	187.99	59.0	56.0	88.0	80.0	<b>PA 93 - 132M/4</b> <b>PF 93 - 132M/4</b>	543	107			
	13.3	6623	1.6	109.25	64.0	53.0	92.0	80.0						
	16.3	5381	2.3	93.43	65.0	52.0	92.0	80.0						
	20.4	4305	3.1	72.42	66.0	50.0	93.0	80.0						
	9.0	9784	0.9	164.68	32.0	26.0	54.0	65.0	<b>PA 83 - 132M/4</b> <b>PF 83 - 132M/4</b>	375	105			
	14.3	6150	1.4	103.97	41.0	28.0	60.0	65.0						
	18.4	4783	1.7	80.63	43.0	28.0	61.0	65.0						
	21.4	4100	2.0	70.19	43.0	27.0	62.0	65.0						
	23.5	3744	2.2	61.79	44.0	27.0	62.0	65.0						
	28.6	3075	2.6	51.52	44.0	27.0	62.0	65.0						
	30.6	2870	1.7	48.76	44.0	26.0	63.0	65.0	<b>PA\PF 82 - 132M/4</b>	367	104			
	12.2	7176	0.8	124.38	11.0	9.0	31.0	42.0	<b>PA 73 - 132M/4</b> <b>PF 73 - 132M/4</b>	268	103			
	16.3	5381	1.0	91.33	21.0	11.0	35.0	42.0						
	19.4	4532	1.1	74.80	23.0	12.0	37.0	42.0						
	24.5	3588	1.4	60.42	25.0	12.0	38.0	41.0						
	28.6	3075	1.7	52.28	26.0	13.0	39.0	40.0						
	32.6	2691	1.9	45.67	27.0	13.0	39.0	40.0						
	39.8	2208	2.0	37.68	27.0	13.0	39.0	38.0						
	44.9	1957	2.3	33.27	28.0	13.0	40.0	38.0						
52.0	1689	2.8	28.35	28.0	13.0	40.0	36.0							
33.7	2609	1.4	43.70	27.0	13.0	39.0	40.0	<b>PA 72 - 132M/4</b> <b>PF 72 - 132M/4</b>				258	102	
44.9	1957	1.5	33.08	28.0	13.0	40.0	37.0							

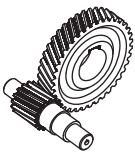


P <sub>1</sub> [kW]	n <sub>2</sub> [Min <sup>-1</sup> ]	M <sub>2</sub> [Nm]	f <sub>B</sub>	i <sub>ges</sub>	F <sub>R</sub> [kN]	F <sub>A</sub> [kN]	F <sub>R GR</sub> [kN]	F <sub>A GR</sub> [kN]	Tip / Type	Kg	Sayfa Page mm
<b>9.20</b>	19.4	4532	0.8	77.49	10.0	11.0	22.0	33.0	<b>PA 63 - 132M/4 PF 63 - 132M/4</b>	187	101
	23.5	3744	1.0	62.96	14.0	12.0	24.0	33.0			
	27.5	3189	1.0	53.84	16.0	13.0	25.0	33.0			
	29.6	2969	1.1	50.83	17.0	13.0	26.0	32.0			
	33.7	2609	1.3	43.47	18.0	13.0	26.0	32.0			
	40.8	2152	1.6	36.14	19.0	13.0	27.0	31.0			
	47.9	1832	1.8	30.90	19.0	13.0	27.0	31.0			
	56.1	1565	1.9	26.33	20.0	13.0	28.0	30.0			
	67.3	1304	2.2	21.97	20.0	13.0	28.0	29.0			
	71.4	1230	2.3	20.81	20.0	13.0	28.0	29.0			
84.7	1038	2.8	17.36	20.0	12.0	28.0	27.0				
	39.8	2208	1.2	37.08	19.0	13.0	27.0	31.0	<b>PA 62 - 132M/4 PF 62 - 132M/4</b>	189	100
	81.6	1076	2.6	18.16	20.0	13.0	28.0	28.0			
	93.8	936	3.1	15.80	20.0	12.0	28.0	27.0			
	36.7	2392	0.8	40.34	4.0	24.0	17.0	35.0	<b>PA 52 - 132M/4 PF 52 - 132M/4</b>	132	98
	40.8	2152	0.9	36.71	6.0	24.0	18.0	35.0			
	51.0	1722	1.1	28.85	9.0	24.0	18.0	33.0			
	56.1	1565	1.1	26.43	13.0	24.0	19.0	33.0			
	61.2	1435	1.1	24.09	11.0	24.0	19.0	32.0			
	62.2	1411	1.2	23.89	13.0	24.0	19.0	32.0			
	68.3	1285	1.3	21.65	13.0	24.0	19.0	32.0			
	75.5	1163	1.5	19.57	12.0	24.0	19.0	31.0			
	82.6	1063	1.7	17.81	12.0	24.0	19.0	30.0			
	106.1	828	2.2	13.99	11.0	22.0	20.0	29.0			
	110.2	798	2.2	13.46	11.0	22.0	20.0	28.0			
	139.7	628	2.5	10.58	11.0	21.0	20.0	27.0			
	167.3	525	3.1	8.83	10.0	19.0	20.0	26.0			
	57.1	1538	0.8	25.88	0.3	0.2	7.0	3.0	<b>PA 42 - 132M/4 PF 42 - 132M/4</b>	103	96
	67.3	1304	0.8	21.85	0.4	0.2	10.0	4.0			
	68.3	1285	0.9	21.50	1.0	0.2	10.0	4.0			
	82.6	1063	0.9	17.93	1.0	0.2	10.0	4.0			
	83.6	1050	1.0	17.69	1.0	0.2	10.0	4.0			
	97.9	897	1.3	15.10	1.0	0.2	11.0	5.0			
	103.0	853	1.2	14.38	1.0	0.2	11.0	5.0			
	120.4	730	1.5	12.27	1.0	0.2	11.0	5.0			
	144.8	607	1.8	10.19	1.0	0.2	11.0	5.0			
	174.4	504	2.0	8.50	1.0	6.0	11.0	5.0			
	203.0	433	2.2	7.27	2.0	6.0	11.0	5.0			
	238.7	368	2.8	6.19	3.0	6.0	11.0	5.0			
	276.4	318	2.3	5.36	2.0	5.0	11.0	5.0			
323.3	271	2.6	4.58	3.0	5.0	11.0	5.0				
380.5	231	2.9	3.90	3.0	5.0	10.0	5.0				
	102.0	861	0.8	14.52	0.3	0.2	7.0	5.0	<b>PA 32 - 132M/4 PF 32 - 132M/4</b>	89	94
	126.5	695	1.0	11.70	0.4	0.2	8.0	5.0			
	151.0	582	1.0	9.79	0.4	0.2	9.0	5.0			
	187.7	468	1.3	7.89	0.4	0.2	9.0	5.0			
	219.3	401	1.4	6.72	0.4	0.2	9.0	5.0			
	259.1	339	1.6	5.69	0.3	3.0	9.0	5.0			
	269.3	326	1.2	5.49	0.4	0.3	9.0	5.0			
	280.5	313	1.9	5.29	1.0	4.0	9.0	6.0			
	333.5	264	1.6	4.42	1.0	3.0	9.0	5.0			
	394.7	222	1.9	3.75	2.0	3.0	9.0	5.0			
499.8	175	2.2	2.97	2.0	3.0	9.0	5.0				
517.1	170	2.5	2.86	-	6.0	-	-	<b>PA\PF 51 - 132M/4</b>	94	86	
591.6	148	1.7	2.50	-	4.0	-	-	<b>PA 41 - 132M/4 PF 41 - 132M/4</b>	85	85	
691.6	127	1.8	2.14	-	4.0	-	-				
573.2	153	1.1	2.58	-	3.0	-	-	<b>PA 31 - 132M/4 PF 31 - 132M/4</b>	76	84	
710.9	123	1.2	2.08	-	3.0	-	-				

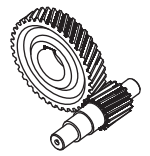
# 11.0 kW



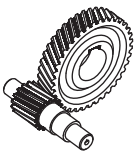
P <sub>1</sub> [kW]	n <sub>2</sub> [Min <sup>-1</sup> ]	M <sub>2</sub> [Nm]	f <sub>B</sub>	i <sub>ges</sub>	F <sub>R</sub> [kN]	F <sub>A</sub> [kN]	F <sub>R GR</sub> [kN]	F <sub>A GR</sub> [kN]	Tip / Type	Kg	Sayfa Page mm
<b>11.0</b>	4.4	23941	0.8	341.11	84.0	91.0	120.0	120.0	<b>PA 103/52 - 160M/4B</b> <b>PF 103/52 - 160M/4B</b>	856	111
	5.0	21010	0.9	296.56	89.0	90.0	120.0	120.0			
	6.1	17158	1.0	244.66	94.0	89.0	120.0	120.0			
	8.1	13031	1.4	184.77	97.0	87.0	120.0	120.0			
	9.6	10952	1.7	154.79	99.0	85.0	120.0	120.0			
	12.2	8579	2.2	122.75	100.0	81.0	120.0	120.0			
	14.3	7354	2.5	105.49	101.0	79.0	120.0	120.0			
	7.1	14707	1.4	207.36	96.0	88.0	120.0	120.0	<b>PA 103 - 160M/4B</b> <b>PF 103 - 160M/4B</b>	782	109
	11.2	9359	2.2	136.52	100.0	83.0	120.0	120.0			
	8.3	12710	0.9	182.00	57.0	52.0	87.0	80.0	<b>PA\PF 93/42 - 160M/4B</b>	608	111
	9.3	11313	1.0	160.87	59.0	52.0	88.0	80.0	<b>PA 93/52 - 160M/4B</b> <b>PF 93/52 - 160M/4B</b>	637	111
	11.2	9359	1.2	127.35	62.0	52.0	90.0	80.0			
	14.3	7354	1.5	107.56	64.0	51.0	91.0	80.0			
	8.0	13199	1.0	187.99	56.0	52.0	86.0	80.0	<b>PA 93 - 160M/4B</b> <b>PF 93 - 160M/4B</b>	563	107
	12.2	8579	1.5	122.97	63.0	52.0	91.0	80.0			
	13.3	7919	1.3	109.25	63.0	51.0	91.0	80.0			
	16.3	6435	2.0	93.43	64.0	50.0	92.0	80.0			
	20.4	5147	2.5	72.42	65.0	48.0	92.0	80.0			
	9.1	11567	0.8	164.68	25.0	22.0	50.0	65.0	<b>PA 83 - 160M/4B</b> <b>PF 83 - 160M/4B</b>	395	105
	14.3	7354	1.1	103.97	38.0	25.0	58.0	65.0			
	18.4	5719	1.4	80.63	41.0	26.0	60.0	65.0			
	21.4	4902	1.7	70.19	42.0	26.0	61.0	65.0			
	24.5	4289	2.0	61.79	43.0	26.0	62.0	65.0			
	28.6	3677	2.2	51.52	44.0	25.0	62.0	64.0			
	33.7	3119	2.6	44.34	44.0	25.0	62.0	62.0			
	37.7	2782	2.6	39.01	45.0	25.0	63.0	61.0			
	30.6	3432	1.4	48.76	44.0	25.0	62.0	63.0	<b>PA 82 - 160M/4B</b> <b>PF 82 - 160M/4B</b>	387	104
	36.7	2860	1.3	40.43	44.0	25.0	63.0	61.0			
	16.3	6435	0.8	91.33	16.0	9.0	33.0	39.0	<b>PA 73 - 160M/4B</b> <b>PF 73 - 160M/4B</b>	288	103
	20.4	5147	1.0	74.80	21.0	10.0	36.0	39.0			
	24.5	4289	1.2	60.42	24.0	11.0	37.0	39.0			
	28.6	3677	1.4	52.28	25.0	11.0	38.0	39.0			
	32.6	3217	1.5	45.67	26.0	12.0	38.0	38.0			
	39.8	2640	1.8	37.68	27.0	12.0	39.0	37.0			
	44.9	2340	2.0	33.27	27.0	12.0	39.0	36.0			
	53.0	1980	2.3	28.35	27.0	12.0	40.0	35.0			
	64.3	1634	2.6	23.39	28.0	12.0	40.0	34.0			
	33.7	3119	1.2	43.70	26.0	12.0	39.0	38.0	<b>PA 72 - 160M/4B</b> <b>PF 72 - 160M/4B</b>	278	102
	44.9	2340	1.2	33.08	27.0	12.0	39.0	36.0			
	52.0	2019	1.9	28.58	27.0	12.0	40.0	36.0			
	23.5	4476	0.8	62.96	10.0	10.0	22.0	30.0	<b>PA 63 - 160M/4B</b> <b>PF 63 - 160M/4B</b>	207	101
	27.5	3813	1.0	53.84	14.0	11.0	24.0	30.0			
	29.6	3550	1.0	50.83	15.0	11.0	25.0	30.0			
	34.7	3028	1.1	43.47	17.0	12.0	26.0	30.0			
	40.8	2573	1.3	36.14	18.0	12.0	27.0	30.0			
	47.9	2190	1.5	30.90	19.0	12.0	27.0	29.0			
	57.1	1838	1.6	26.33	19.0	12.0	27.0	29.0			
67.3	1560	1.9	21.97	20.0	12.0	28.0	28.0				
71.4	1471	2.0	20.81	20.0	12.0	28.0	28.0				
39.8	2640	1.0	37.08	18.0	12.0	26.0	30.0	<b>PA 62 - 160M/4B</b> <b>PF 62 - 160M/4B</b>			
81.6	1287	2.2	18.16	20.0	12.0	28.0	27.0				
93.8	1119	2.5	15.80	20.0	12.0	28.0	26.0				
107.1	980	2.6	13.91	20.0	12.0	28.0	26.0				
128.5	817	2.9	11.60	20.0	11.0	28.0	25.0				
140.8	746	2.6	10.52	20.0	11.0	28.0	24.0				



P <sub>1</sub> [kW]	n <sub>2</sub> [Min <sup>-1</sup> ]	M <sub>2</sub> [Nm]	f <sub>B</sub>	i <sub>ges</sub>	F <sub>R</sub> [kN]	F <sub>A</sub> [kN]	F <sub>R GR</sub> [kN]	F <sub>A GR</sub> [kN]	Tip / Type	Kg	Sayfa Page mm		
<b>11.0</b>	56.1	1872	1.0	26.43	8.0	24.0	18.0	32.0	<b>PA 52 - 160M/4B</b> <b>PF 52 - 160M/4B</b>	152	98		
	62.2	1688	1.0	23.89	9.0	24.0	18.0	31.0					
	68.3	1537	1.1	21.65	11.0	24.0	19.0	31.0					
	75.5	1392	1.2	19.57	12.0	24.0	19.0	30.0					
	83.6	1255	1.4	17.81	12.0	23.0	19.0	30.0					
	106.1	990	1.8	13.99	11.0	21.0	19.0	28.0					
	111.2	945	1.8	13.46	11.0	22.0	19.0	28.0					
	140.8	746	2.2	10.58	10.0	20.0	20.0	26.0					
	168.3	624	2.5	8.83	10.0	19.0	20.0	25.0					
	83.6	1255	0.9	17.69	0.4	0.2	9.0	3.0	<b>PA 42 - 160M/4B</b> <b>PF 42 - 160M/4B</b>	123	96		
	98.9	1061	1.0	15.10	0.4	0.2	10.0	4.0					
	104.0	1009	1.0	14.38	1.0	0.2	10.0	4.0					
	121.4	865	1.3	12.27	1.0	0.2	10.0	4.0					
	145.9	720	1.5	10.19	1.0	0.2	11.0	5.0					
	175.4	599	1.7	8.50	1.0	0.2	11.0	5.0					
	205.0	513	2.0	7.27	1.0	0.2	11.0	5.0					
	240.7	436	2.2	6.19	1.0	5.0	11.0	5.0					
	278.5	377	2.0	5.36	1.0	5.0	10.0	5.0					
	325.4	322	2.2	4.58	2.0	5.0	10.0	5.0					
	382.5	274	2.3	3.90	2.0	5.0	10.0	5.0					
425.3	247	2.5	3.50	3.0	5.0	10.0	5.0						
464.1	226	2.5	3.21	3.0	5.0	10.0	5.0						
492.7	213	2.6	3.02	3.0	5.0	10.0	5.0						
520.2	202	2.0	2.86	-	5.0	-	-	<b>PA 51 - 160M/4B</b> <b>PF 51 - 160M/4B</b>	104	86			
595.7	176	2.2	2.50	-	5.0	-	-						
723.2	145	2.5	2.06	-	5.0	-	-						
595.7	176	1.4	2.50	-	3.0	-	-	<b>PA 41 - 160M/4B</b> <b>PF 41 - 160M/4B</b>	104	85			
695.6	151	1.5	2.14	-	3.0	-	-						
<b>15.0</b>	6.1	23398	0.8	244.66	85.0	79.0	120.0	120.0	<b>PA 103/52 - 160L/4A</b> <b>PF 103/52 - 160L/4A</b>	881	111		
	8.1	17770	1.0	184.77	93.0	79.0	120.0	120.0					
	9.6	14934	1.2	154.79	96.0	78.0	120.0	120.0					
	12.2	11699	1.6	122.75	98.0	76.0	120.0	120.0					
	14.3	10027	1.9	105.49	100.0	75.0	120.0	120.0					
	7.1	20055	1.0	207.36	90.0	79.0	120.0	120.0	<b>PA 103 - 160L/4A</b> <b>PF 103 - 160L/4A</b>	807	109		
	11.2	12763	1.7	136.52	98.0	77.0	120.0	120.0					
	18.4	7799	2.0	81.46	101.0	72.0	120.0	120.0					
	21.4	6685	2.2	70.42	101.0	70.0	120.0	119.0					
	8.0	17998	0.8	187.99	45.0	43.0	80.0	80.0	<b>PA 93 - 160L/4A</b> <b>PF 93 - 160L/4A</b>	588	107		
	12.2	11699	1.1	122.97	59.0	46.0	88.0	80.0					
	13.3	10799	1.0	109.25	60.0	46.0	89.0	80.0					
	16.3	8774	1.5	93.43	62.0	46.0	90.0	80.0					
	20.4	7019	1.8	72.42	64.0	45.0	92.0	80.0					
	24.5	5850	2.0	61.66	65.0	44.0	92.0	80.0					
	27.5	5200	2.2	53.75	65.0	43.0	92.0	80.0					
	31.6	4529	2.3	46.63	66.0	42.0	93.0	80.0					
	14.3	10027	0.9	103.97	31.0	20.0	54.0	64.0	<b>PA 83 - 160L/4A</b> <b>PF 83 - 160L/4A</b>	420	105		
	18.4	7799	1.0	80.63	37.0	21.0	58.0	63.0					
	21.4	6685	1.2	70.19	40.0	22.0	59.0	62.0					
	24.5	5850	1.4	61.79	41.0	22.0	60.0	62.0					
	28.6	5014	1.6	51.52	42.0	23.0	61.0	60.0					
	33.7	4254	1.9	44.34	43.0	23.0	62.0	59.0					
	37.7	3795	1.9	39.01	44.0	22.0	62.0	58.0					
	45.9	3119	2.0	32.53	44.0	22.0	62.0	56.0					
	53.0	2700	2.2	27.99	45.0	22.0	63.0	54.0					
	61.2	2340	2.0	24.38	45.0	21.0	63.0	53.0					



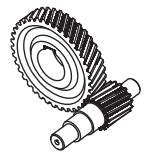
P <sub>1</sub> [kW]	n <sub>2</sub> [Min <sup>-1</sup> ]	M <sub>2</sub> [Nm]	f <sub>B</sub>	i <sub>ges</sub>	F <sub>R</sub> [kN]	F <sub>A</sub> [kN]	F <sub>R GR</sub> [kN]	F <sub>A GR</sub> [kN]	Tip / Type	Kg	Sayfa Page mm
<b>15.0</b>	30.6	4680	1.0	48.76	43.0	23.0	61.0	60.0	<b>PA 82 - 160L/4A PF 82 - 160L/4A</b>	412	104
	36.7	3899	1.0	40.43	44.0	22.0	62.0	58.0			
	45.9	3119	2.0	32.10	44.0	22.0	62.0	56.0			
	56.1	2553	2.2	26.62	45.0	22.0	63.0	54.0			
	24.5	5850	0.9	60.42	19.0	7.0	34.0	34.0	<b>PA 73 - 160L/4A PF 73 - 160L/4A</b>	313	103
	28.6	5014	1.0	52.28	22.0	8.0	36.0	34.0			
	32.6	4387	1.1	45.67	24.0	9.0	37.0	34.0			
	39.8	3600	1.3	37.68	25.0	10.0	38.0	34.0			
	44.9	3191	1.4	33.27	26.0	10.0	39.0	34.0			
	53.0	2700	1.7	28.35	27.0	10.0	39.0	33.0			
	64.3	2229	2.0	23.39	27.0	10.0	39.0	32.0			
	33.7	4254	0.9	43.70	24.0	9.0	37.0	35.0			
44.9	3191	1.0	33.08	26.0	10.0	39.0	34.0				
52.0	2753	1.3	28.58	27.0	10.0	39.0	33.0				
68.3	2095	2.0	21.72	27.0	10.0	39.0	32.0				
68.3	2095	1.8	21.64	27.0	11.0	39.0	32.0				
88.7	1614	2.0	16.83	28.0	11.0	39.0	31.0				
104.0	1376	2.2	14.33	28.0	10.0	37.0	30.0	<b>PA 63 - 160L/4A PF 63 - 160L/4A</b>	232	101	
34.7	4129	0.9	43.47	12.0	9.0	23.0	26.0				
40.8	3509	1.0	36.14	15.0	9.0	25.0	27.0				
47.9	2987	1.1	30.90	17.0	10.0	26.0	27.0				
57.1	2507	1.2	26.33	18.0	10.0	27.0	26.0				
67.3	2127	1.4	21.97	19.0	10.0	27.0	26.0				
71.4	2005	1.5	20.81	19.0	11.0	27.0	26.0	<b>PA 62 - 160L/4A PF 62 - 160L/4A</b>	234	100	
39.8	3600	0.8	37.08	15.0	9.0	25.0	27.0				
81.6	1755	1.6	18.16	19.0	11.0	28.0	26.0				
93.8	1526	1.8	15.80	20.0	11.0	28.0	25.0				
107.1	1337	2.0	13.91	20.0	11.0	28.0	24.0				
128.5	1114	2.0	11.60	20.0	11.0	28.0	24.0				
140.8	1017	1.9	10.52	20.0	10.0	28.0	23.0				
169.3	846	2.0	8.78	20.0	10.0	28.0	22.0				
196.9	727	2.2	7.55	20.0	10.0	28.0	22.0				<b>PA 52 - 160L/4A PF 52 - 160L/4A</b>
62.2	2301	0.8	23.89	1.0	1.0	12.0	29.0				
68.3	2095	0.9	21.65	2.0	21.0	15.0	29.0				
75.5	1897	1.0	19.57	4.0	21.0	16.0	28.0				
83.6	1712	1.0	17.81	5.0	20.0	17.0	28.0				
106.1	1349	1.3	13.99	8.0	19.0	18.0	27.0				
111.2	1288	1.3	13.46	10.0	19.0	19.0	27.0				
140.8	1017	1.6	10.58	10.0	18.0	19.0	25.0				
168.3	851	1.8	8.83	9.0	17.0	20.0	24.0				
205.0	699	2.0	7.29	9.0	16.0	20.0	23.0				
231.5	618	2.0	6.44	9.0	16.0	20.0	23.0				
266.2	538	1.8	5.60	8.0	15.0	20.0	22.0				
323.3	443	2.0	4.62	8.0	14.0	20.0	21.0				
365.2	392	2.0	4.08	8.0	14.0	20.0	20.0				
406.0	353	2.2	3.67	8.0	13.0	20.0	20.0				
437.6	327	2.2	3.44	7.0	13.0	20.0	19.0	<b>PA 42 - 160L/4A PF 42 - 160L/4A</b>	148	96	
98.9	1447	0.8	15.10	0.1	0.1	3.0	2.0				
104.0	1376	0.8	14.38	0.3	0.1	5.0	2.0				
121.4	1180	1.0	12.27	0.3	0.1	7.0	3.0				
145.9	982	1.1	10.19	0.4	0.1	8.0	3.0				
175.4	816	1.2	8.50	0.4	0.1	8.0	3.0				
205.0	699	1.4	7.27	0.4	0.1	9.0	4.0				
240.7	595	1.7	6.19	0.4	0.1	9.0	4.0				
278.5	515	1.5	5.36	0.4	0.2	9.0	4.0				
325.4	440	1.6	4.58	0.4	0.2	9.0	4.0				
382.5	374	1.7	3.90	0.4	0.2	9.0	4.0				
425.3	337	1.8	3.50	0.4	0.4	9.0	4.0				
464.1	309	1.9	3.21	1.0	4.0	9.0	4.0				
492.7	291	1.9	3.02	1.0	4.0	9.0	4.0				



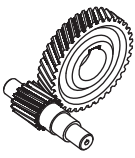
P <sub>1</sub> [kW]	n <sub>2</sub> [Min <sup>-1</sup> ]	M <sub>2</sub> [Nm]	f <sub>B</sub>	i <sub>ges</sub>	F <sub>R</sub> [kN]	F <sub>A</sub> [kN]	F <sub>R GR</sub> [kN]	F <sub>A GR</sub> [kN]	Tip / Type	Kg	Sayfa Page mm
<b>15.0</b>	520.2	275	1.5	2.86	-	5.0	-	-	<b>PA 51 - 160L/4A</b> <b>PF 51 - 160L/4A</b>	138	86
	595.7	240	1.6	2.50	-	5.0	-				
	723.2	198	1.8	2.06	-	4.0	-				
	595.7	240	1.0	2.50	-	3.0	-	-	<b>PA 41 - 160L/4A</b> <b>PF 41 - 160L/4A</b>	129	85
<b>18.5</b>	8.1	21917	0.9	184.77	88.0	72.0	120.0	120.0	<b>PA 103/52 - 180M/4B</b> <b>PF 103/52 - 180M/4B</b>	895	111
	9.6	18419	1.0	154.79	92.0	73.0	120.0	120.0			
	12.2	14429	1.3	122.75	96.0	72.0	120.0	120.0			
	14.3	12368	1.5	105.49	98.0	71.0	120.0	120.0			
	11.2	15740	1.3	136.52	95.0	72.0	120.0	120.0	<b>PA 103 - 180M/4B</b> <b>PF 103 - 180M/4B</b>	821	109
	18.4	9619	2.0	81.46	100.0	69.0	120.0	119.0			
	21.4	8245	2.2	70.42	101.0	67.0	120.0	116.0			
	24.5	7214	2.5	60.75	101.0	66.0	120.0	113.0			
	28.6	6184	3.2	53.00	101.0	64.0	120.0	109.0			
	11.2	15740	0.8	127.35	51.0	40.0	83.0	80.0	<b>PA 93/52 - 180M/4B</b> <b>PF 93/52 - 180M/4B</b>	676	111
	14.3	12368	1.0	107.56	58.0	41.0	87.0	80.0			
	12.2	14429	0.9	122.97	54.0	41.0	85.0	80.0	<b>PA 93 - 180M/4B</b> <b>PF 93 - 180M/4B</b>	602	107
	16.3	10821	1.2	93.43	60.0	42.0	89.0	80.0			
	20.4	8657	1.4	72.42	63.0	42.0	91.0	80.0			
	24.5	7214	1.6	61.66	64.0	41.0	91.0	80.0			
	27.5	6413	1.8	53.75	65.0	41.0	92.0	80.0			
	31.6	5585	2.0	46.63	65.0	40.0	92.0	80.0			
	37.7	4680	2.5	39.46	66.0	39.0	93.0	80.0			
	41.8	4223	2.0	35.47	66.0	39.0	93.0	80.0	<b>PA\PF 92 - 180M/4B</b>	591	106
	18.4	9619	0.9	80.63	32.0	17.0	55.0	58.0	<b>PA 83 - 180M/4B</b> <b>PF 83 - 180M/4B</b>	434	105
	21.4	8245	1.0	70.19	36.0	19.0	57.0	58.0			
	24.5	7214	1.1	61.79	39.0	19.0	59.0	58.0			
	28.6	6184	1.3	51.52	41.0	20.0	60.0	57.0			
	33.7	5247	1.6	44.34	42.0	20.0	61.0	56.0			
	37.7	4680	1.8	39.01	43.0	21.0	61.0	55.0			
	45.9	3847	2.0	32.53	44.0	21.0	62.0	54.0			
	53.0	3330	2.2	27.99	44.0	20.0	62.0	52.0			
	61.2	2886	2.5	24.38	44.0	20.0	63.0	51.0			
70.4	2510	3.1	20.99	45.0	20.0	62.0	50.0				
45.9	3847	1.6	32.10	44.0	21.0	62.0	54.0	<b>PA 82 - 180M/4B</b> <b>PF 82 - 180M/4B</b>	426	104	
56.1	3148	1.9	26.62	44.0	20.0	62.0	52.0				
24.5	7214	0.8	60.42	11.0	4.0	25.0	30.0	<b>PA 73 - 180M/4B</b> <b>PF 73 - 180M/4B</b>	327	103	
28.6	6184	0.9	52.28	17.0	5.0	29.0	31.0				
32.6	5411	1.0	45.67	20.0	7.0	31.0	31.0				
39.8	4439	1.0	37.68	23.0	8.0	34.0	31.0				
44.9	3935	1.1	33.27	25.0	8.0	35.0	31.0				
53.0	3330	1.4	28.35	26.0	9.0	36.0	31.0				
64.3	2748	1.7	23.39	26.0	9.0	36.0	31.0				
52.0	3395	1.1	28.58	26.0	9.0	37.0	32.0	<b>PA 72 - 180M/4B</b> <b>PF 72 - 180M/4B</b>	317	102	
68.3	2584	1.6	21.72	26.0	9.0	36.0	30.0				
68.3	2584	1.4	21.64	27.0	9.0	37.0	31.0				
88.7	1990	1.9	16.83	27.0	10.0	37.0	30.0				
104.0	1697	2.2	14.33	27.0	10.0	36.0	29.0				
119.3	1480	2.5	12.49	27.0	10.0	35.0	28.0				
40.8	4329	0.8	36.14	11.0	7.0	21.0	24.0	<b>PA 63 - 180M/4B</b> <b>PF 63 - 180M/4B</b>	246	101	
47.9	3684	1.0	30.90	14.0	8.0	24.0	24.0				
57.1	3092	1.0	26.33	16.0	9.0	26.0	24.0				
67.3	2623	1.1	21.97	18.0	9.0	26.0	24.0				
71.4	2474	1.2	20.81	18.0	9.0	27.0	24.0				

**18.5 kW**  
**22.0 kW**

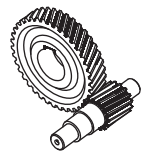
**PGR**<sup>®</sup>  
Drive Technologies



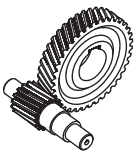
P <sub>1</sub> [kW]	n <sub>2</sub> [Min <sup>-1</sup> ]	M <sub>2</sub> [Nm]	f <sub>B</sub>	i <sub>ges</sub>	F <sub>R</sub> [kN]	F <sub>A</sub> [kN]	F <sub>R GR</sub> [kN]	F <sub>A GR</sub> [kN]	Tip / Type	Kg	Sayfa Page mm			
18.5	81.6	2164	1.3	18.16	19.0	10.0	27.0	24.0	PA 62 - 180M/4B PF 62 - 180M/4B	248	100			
	93.8	1882	1.5	15.80	19.0	10.0	27.0	24.0						
	107.1	1649	1.7	13.91	19.0	10.0	28.0	23.0						
	128.5	1374	2.0	11.60	20.0	10.0	28.0	23.0						
	140.8	1254	2.2	10.52	20.0	10.0	28.0	22.0						
	169.3	1043	2.6	8.78	20.0	9.0	27.0	22.0						
	196.9	897	3.3	7.55	20.0	9.0	27.0	21.0						
	234.6	753	2.3	6.35	20.0	9.0	25.0	20.0						
	281.5	627	2.8	5.29	20.0	9.0	25.0	19.0						
	75.5	2340	0.8	19.57	-	-	9.0	27.0				PA 52 - 180M/4B PF 52 - 180M/4B	191	98
	83.6	2112	0.9	17.81	-	-	11.0	27.0						
	106.1	1665	1.0	13.99	2.0	17.0	13.0	25.0						
	111.2	1589	1.0	13.46	5.0	18.0	15.0	26.0						
	140.8	1254	1.3	10.58	7.0	17.0	16.0	24.0						
	168.3	1050	1.5	8.83	9.0	16.0	17.0	24.0						
	205.0	861	1.7	7.29	9.0	15.0	18.0	23.0						
	231.5	762	1.8	6.44	8.0	15.0	19.0	22.0						
	266.2	663	1.6	5.60	8.0	14.0	18.0	21.0						
	323.3	546	2.0	4.62	8.0	13.0	18.0	20.0						
	365.2	484	2.2	4.08	8.0	13.0	18.0	20.0						
	406.0	435	2.2	3.67	7.0	13.0	18.0	19.0						
	437.6	404	2.3	3.44	7.0	12.0	18.0	19.0						
	461.0	383	2.3	3.23	7.0	12.0	18.0	19.0						
	535.5	330	2.5	2.78	7.0	12.0	18.0	18.0						
	595.7	297	1.3	2.50	-	4.0	-	-	PA 51 - 180M/4B PF 51 - 180M/4B	152	86			
	723.2	244	1.4	2.06	-	4.0	-	-						
	22.0	8.1	26063	0.8	184.77	81.0	66.0	120.0	120.0	PA 103/52 - 180L/4B PF 103/52 - 180L/4B	926	111		
		9.6	21904	0.9	154.79	88.0	67.0	120.0	120.0					
		12.2	17158	1.0	122.75	94.0	67.0	120.0	120.0					
		14.3	14707	1.2	105.49	96.0	67.0	120.0	120.0					
		11.2	18718	1.1	136.52	92.0	67.0	120.0	120.0	PA 103 - 180L/4B PF 103 - 180L/4B	852	109		
		18.4	11439	1.7	81.46	99.0	66.0	120.0	115.0					
		21.4	9805	1.9	70.42	100.0	65.0	120.0	113.0					
24.5		8579	2.2	60.75	100.0	63.0	120.0	110.0						
27.5		7625	2.5	53.00	101.0	62.0	120.0	107.0						
32.6		6435	2.9	45.33	101.0	61.0	120.0	104.0						
12.2		17158	0.8	122.97	48.0	36.0	81.0	80.0	PA 93 - 180L/4B PF 93 - 180L/4B	633	107			
16.3		12868	1.0	93.43	57.0	38.0	87.0	80.0						
20.4		10295	1.2	72.42	61.0	39.0	89.0	80.0						
24.5		8579	1.4	61.66	63.0	39.0	91.0	80.0						
27.5		7625	1.5	53.75	64.0	39.0	91.0	80.0						
31.6		6641	1.7	46.63	64.0	38.0	92.0	80.0						
37.7		5564	2.0	39.46	65.0	38.0	92.0	80.0						
46.9		4476	2.5	31.24	66.0	37.0	91.0	80.0						
41.8		5022	1.8	35.47	65.0	37.0	93.0	80.0	PA\PF 92 - 180L/4B	622	106			
18.4		11439	0.8	80.63	25.0	14.0	51.0	53.0	PA 83 - 180L/4B PF 83 - 180L/4B	465	105			
21.4		9805	0.9	70.19	32.0	15.0	54.0	54.0						
23.5		8952	1.0	61.79	35.0	16.0	56.0	54.0						
28.6		7354	1.1	51.52	38.0	17.0	58.0	54.0						
33.7		6240	1.3	44.34	41.0	18.0	60.0	53.0						
37.7		5564	1.5	39.01	42.0	19.0	61.0	53.0						
45.9		4576	1.7	32.53	43.0	19.0	61.0	52.0						
53.0		3959	1.9	27.99	44.0	19.0	62.0	51.0						
60.2		3490	2.0	24.38	44.0	19.0	62.0	50.0						
70.4		2984	2.5	20.99	44.0	19.0	61.0	48.0						
89.8		2340	2.6	16.56	45.0	19.0	58.0	46.0				PA\PF 82 - 180L/4B	457	104



P <sub>1</sub> [kW]	n <sub>2</sub> [Min <sup>-1</sup> ]	M <sub>2</sub> [Nm]	f <sub>B</sub>	i <sub>ges</sub>	F <sub>R</sub> [kN]	F <sub>A</sub> [kN]	F <sub>R GR</sub> [kN]	F <sub>A GR</sub> [kN]	Tip / Type	Kg	Sayfa Page mm	
<b>22.0</b>	32.6	6435	0.8	45.67	15.0	4.0	24.0	28.0	<b>PA 73 - 180L/4B</b> <b>PF 73 - 180L/4B</b>	358	103	
	39.8	5279	0.9	37.68	19.0	6.0	28.0	29.0				
	44.9	4680	1.0	33.27	21.0	6.0	30.0	29.0				
	52.0	4038	1.1	28.35	22.0	7.0	32.0	29.0				
	63.2	3321	1.4	23.39	24.0	8.0	33.0	29.0				
	52.0	4038	1.0	28.58	23.0	8.0	33.0	30.0	<b>PA 72 - 180L/4B</b> <b>PF 72 - 180L/4B</b>	348	102	
	68.3	3073	1.2	21.72	25.0	8.0	34.0	29.0				
	88.7	2367	1.6	16.83	25.0	9.0	34.0	28.0				
	104.0	2019	1.9	14.33	25.0	9.0	34.0	28.0				
	119.3	1760	2.2	12.49	25.0	9.0	34.0	27.0				
	137.7	1525	2.6	10.84	24.0	9.0	33.0	26.0				
	47.9	4381	0.8	30.90	11.0	6.0	18.0	22.0	<b>PA 63 - 180L/4B</b> <b>PF 63 - 180L/4B</b>	277	101	
	56.1	3744	0.8	26.33	14.0	7.0	21.0	22.0				
	67.3	3119	1.0	21.97	16.0	7.0	22.0	22.0				
	71.4	2941	1.0	20.81	17.0	8.0	24.0	23.0				
	81.6	2573	1.1	18.16	18.0	8.0	25.0	23.0	<b>PA 62 - 180L/4B</b> <b>PF 62 - 180L/4B</b>	279	100	
	93.8	2238	1.2	15.80	18.0	9.0	26.0	23.0				
	106.1	1980	1.4	13.91	19.0	9.0	26.0	22.0				
	127.5	1647	1.7	11.60	19.0	9.0	26.0	22.0				
	139.7	1503	1.9	10.52	20.0	9.0	26.0	21.0				
	168.3	1248	2.2	8.78	20.0	9.0	26.0	21.0				
	195.8	1072	2.6	7.55	20.0	9.0	25.0	20.0				
	232.6	903	2.0	6.35	20.0	8.0	24.0	19.0				
	279.5	752	2.3	5.29	20.0	8.0	24.0	19.0				
	324.4	648	2.6	4.56	19.0	8.0	23.0	18.0				
	365.2	575	2.8	4.06	19.0	8.0	23.0	18.0				
	378.4	555	2.8	3.91	19.0	8.0	23.0	18.0				
	397.8	528	2.9	3.72	19.0	8.0	23.0	17.0				
	106.1	1980	1.0	13.99	0.4	1.0	8.0	24.0	<b>PA 52 - 180L/4B</b> <b>PF 52 - 180L/4B</b>	212	98	
	110.2	1906	1.0	13.46	1.0	1.0	10.0	25.0				
	139.7	1503	1.0	10.58	2.0	15.0	13.0	24.0				
	167.3	1255	1.2	8.83	5.0	15.0	14.0	23.0				
	203.0	1035	1.4	7.29	7.0	14.0	16.0	22.0				
	230.5	911	1.5	6.44	8.0	14.0	16.0	22.0				
	264.2	795	1.3	5.60	8.0	13.0	15.0	21.0				
	321.3	654	1.7	4.62	7.0	13.0	16.0	20.0				
362.1	580	1.8	4.08	7.0	12.0	17.0	19.0					
402.9	521	1.9	3.67	7.0	12.0	17.0	19.0					
434.5	483	1.9	3.44	7.0	12.0	17.0	19.0					
458.0	459	1.9	3.23	7.0	12.0	17.0	18.0					
532.4	394	2.0	2.78	7.0	11.0	17.0	18.0					
591.6	355	1.1	2.50	-	3.0	-	-	<b>PA 51 - 180L/4B</b> <b>PF 51 - 180L/4B</b>	163	86		
718.1	292	1.2	2.06	-	3.0	-	-					
<b>30.0</b>	18.4	15599	1.2	81.46	95.0	59.0	120.0	107.0	<b>PA 103 - 200L/4C</b> <b>PF 103 - 200L/4C</b>	885	109	
	21.4	13370	1.4	70.42	97.0	59.0	120.0	105.0				
	24.5	11699	1.6	60.75	98.0	58.0	120.0	104.0				
	28.6	10027	1.9	53.00	100.0	58.0	120.0	101.0				
	32.6	8774	2.0	45.33	100.0	57.0	120.0	99.0				
	39.8	7199	2.5	37.97	101.0	55.0	120.0	95.0				
	20.4	14039	0.9	72.42	55.0	32.0	80.0	80.0	<b>PA 93 - 200L/4C</b> <b>PF 93 - 200L/4C</b>	666	107	
	24.5	11699	1.0	61.66	59.0	33.0	83.0	80.0				
	27.5	10399	1.1	53.75	61.0	34.0	84.0	80.0				
	31.6	9057	1.2	46.63	62.0	34.0	84.0	80.0				
	37.7	7588	1.5	39.46	64.0	34.0	84.0	79.0				
	47.9	5974	1.9	31.24	65.0	34.0	83.0	76.0				
	55.1	5200	2.2	27.10	65.0	33.0	82.0	74.0				
	65.3	4387	2.5	22.93	66.0	33.0	81.0	72.0				

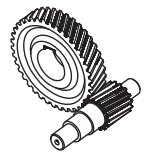


P <sub>1</sub> [kW]	n <sub>2</sub> [Min <sup>-1</sup> ]	M <sub>2</sub> [Nm]	f <sub>B</sub>	i <sub>ges</sub>	F <sub>R</sub> [kN]	F <sub>A</sub> [kN]	F <sub>R GR</sub> [kN]	F <sub>A GR</sub> [kN]	Tip / Type	Kg	Sayfa Page mm
30.0	24.5	11699	0.8	61.79	24.0	10.0	41.0	45.0	PA 83 - 200L/4C PF 83 - 200L/4C	498	105
	28.6	10027	0.9	51.52	31.0	12.0	46.0	47.0			
	33.7	8508	1.0	44.34	36.0	13.0	50.0	47.0			
	37.7	7588	1.1	39.01	38.0	14.0	52.0	47.0			
	45.9	6240	1.2	32.53	41.0	15.0	54.0	47.0			
	53.0	5400	1.4	27.99	42.0	16.0	55.0	47.0			
	61.2	4680	1.6	24.38	43.0	16.0	55.0	46.0			
	71.4	4011	1.9	20.99	43.0	17.0	55.0	45.0			
	89.8	3191	1.9	16.56	43.0	17.0	55.0	44.0	PA 82 - 200L/4C PF 82 - 200L/4C	490	104
	105.1	2726	2.2	14.29	43.0	17.0	54.0	43.0			
	126.5	2264	2.3	11.85	41.0	16.0	52.0	41.0			
	44.9	6381	0.8	33.27	11.0	3.0	18.0	24.0	PA 73 - 200L/4C PF 73 - 200L/4C	391	103
	53.0	5400	0.9	28.35	14.0	4.0	22.0	25.0			
	64.3	4457	1.0	23.39	17.0	5.0	25.0	25.0			
	72.4	3954	1.1	20.66	18.0	6.0	27.0	26.0			
	82.6	3466	1.3	18.01	20.0	6.0	28.0	26.0			
	88.7	3227	1.1	16.83	21.0	7.0	29.0	26.0	PA 72 - 200L/4C PF 72 - 200L/4C	381	102
	104.0	2753	1.3	14.33	21.0	7.0	30.0	26.0			
	119.3	2400	1.6	12.49	22.0	8.0	30.0	25.0			
	137.7	2080	2.0	10.84	21.0	8.0	29.0	25.0			
	158.1	1811	2.2	9.46	22.0	8.0	29.0	24.0			
	182.6	1569	2.3	8.21	21.0	8.0	29.0	24.0			
	215.2	1331	2.5	6.94	21.0	8.0	29.0	23.0			
	232.6	1232	2.0	6.42	20.0	7.0	27.0	22.0			
	267.2	1072	2.2	5.60	20.0	7.0	27.0	22.0			
	308.0	930	2.3	4.86	20.0	7.0	26.0	21.0			
	107.1	2674	1.0	13.91	18.0	7.0	21.0	20.0			
	128.5	2229	1.3	11.60	18.0	7.0	22.0	20.0			
	141.8	2020	1.4	10.52	18.0	7.0	21.0	19.0			
	170.3	1682	1.7	8.78	19.0	8.0	22.0	19.0			
	197.9	1447	2.0	7.55	19.0	8.0	22.0	19.0			
	235.6	1215	1.5	6.35	18.0	7.0	21.0	18.0			
282.5	1013	1.7	5.29	18.0	7.0	21.0	18.0				
327.4	875	2.2	4.56	18.0	7.0	21.0	17.0				
369.2	775	2.2	4.06	18.0	7.0	21.0	17.0				
382.5	749	2.2	3.91	18.0	7.0	21.0	17.0				
401.9	712	2.3	3.72	17.0	7.0	21.0	17.0				
452.9	632	2.5	3.32	17.0	7.0	21.0	16.0				
502.9	569	2.5	2.97	17.0	7.0	20.0	16.0				
37.0	18.4	19238	1.0	81.46	91.0	53.0	120.0	100.0	PA 103 - 225S/4A PF 103 - 225S/4A	918	109
	21.4	16489	1.1	70.42	94.0	54.0	120.0	99.0			
	24.5	14429	1.3	60.75	96.0	54.0	120.0	98.0			
	28.6	12368	1.5	53.00	98.0	54.0	120.0	96.0			
	32.6	10821	1.7	45.33	99.0	53.0	119.0	95.0			
	39.8	8879	2.0	37.97	100.0	52.0	115.0	92.0			
	51.0	6926	2.0	29.62	101.0	51.0	111.0	88.0			
	59.2	5970	2.2	25.33	101.0	50.0	107.0	86.0			
	20.4	17315	0.8	72.42	47.0	26.0	64.0	76.0	PA 93 - 225S/4A PF 93 - 225S/4A	699	107
	24.5	14429	0.9	61.66	54.0	28.0	70.0	77.0			
	27.5	12825	0.9	53.75	57.0	29.0	72.0	76.0			
	32.6	10821	1.0	46.63	60.0	30.0	75.0	76.0			
	37.7	9359	1.2	39.46	62.0	31.0	77.0	75.0			
	47.9	7368	1.5	31.24	64.0	31.0	77.0	73.0			
	55.1	6413	1.8	27.10	65.0	31.0	77.0	71.0			
	65.3	5411	2.0	22.93	65.0	31.0	76.0	69.0			
	78.5	4497	2.2	19.17	66.0	30.0	75.0	67.0			
	90.8	3891	2.0	16.47	66.0	30.0	74.0	66.0	PA 92 - 225S/4A PF 92 - 225S/4A	688	106
	104.0	3395	2.0	14.36	66.0	29.0	72.0	64.0			
	121.4	2910	2.2	12.39	64.0	29.0	70.0	61.0			

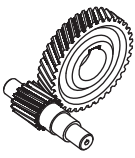



P <sub>1</sub> [kW]	n <sub>2</sub> [Min <sup>-1</sup> ]	M <sub>2</sub> [Nm]	f <sub>B</sub>	i <sub>ges</sub>	F <sub>R</sub> [kN]	F <sub>A</sub> [kN]	F <sub>R GR</sub> [kN]	F <sub>A GR</sub> [kN]	Tip / Type	Kg	Sayfa Page mm
<b>37.0</b>	33.7	10494	0.8	44.34	28.0	9.0	39.0	42.0	<b>PA 83 - 225S/4A</b> <b>PF 83 - 225S/4A</b>	520	105
	38.8	9113	1.0	39.01	32.0	11.0	42.0	43.0			
	45.9	7695	1.0	32.53	35.0	12.0	46.0	43.0			
	53.0	6659	1.1	27.99	37.0	13.0	48.0	43.0			
	61.2	5771	1.3	24.38	38.0	14.0	49.0	43.0			
	71.4	4947	1.5	20.99	39.0	15.0	50.0	43.0			
	90.8	3891	1.6	16.56	40.0	15.0	51.0	42.0	<b>PA 82 - 225S/4A</b> <b>PF 82 - 225S/4A</b>	512	104
	105.1	3362	1.8	14.29	40.0	15.0	50.0	41.0			
	126.5	2793	1.9	11.85	39.0	15.0	49.0	40.0			
	144.8	2438	2.0	10.33	39.0	15.0	49.0	39.0			
	170.3	2074	2.2	8.84	38.0	15.0	47.0	38.0			
	203.0	1740	2.2	7.40	37.0	15.0	46.0	36.0			
	241.7	1461	2.0	6.21	35.0	14.0	43.0	35.0	<b>PA 73 - 225S/4A</b> <b>PF 73 - 225S/4A</b>	424	103
	283.6	1246	2.2	5.31	34.0	14.0	42.0	33.0			
	64.3	5497	0.9	23.39	11.0	3.0	18.0	22.0			
	72.4	4877	1.0	20.66	13.0	4.0	20.0	23.0	<b>PA 72 - 225S/4A</b> <b>PF 72 - 225S/4A</b>	414	102
	83.6	4223	1.1	18.01	15.0	5.0	23.0	23.0			
	88.7	3980	1.0	16.83	17.0	5.0	24.0	24.0			
	105.1	3362	1.1	14.33	18.0	6.0	26.0	24.0	<b>PA 62 - 225S/4A</b> <b>PF 62 - 225S/4A</b>	345	100
	119.3	2960	1.2	12.49	19.0	6.0	27.0	24.0			
	138.7	2546	1.7	10.84	19.0	6.0	26.0	23.0			
	158.1	2234	1.8	9.46	19.0	7.0	27.0	23.0			
	182.6	1935	1.9	8.21	20.0	7.0	27.0	22.0			
	216.2	1634	2.0	6.94	20.0	7.0	27.0	22.0			
	233.6	1512	1.7	6.42	18.0	6.0	25.0	21.0			
	268.3	1317	1.8	5.60	19.0	7.0	25.0	21.0			
	309.1	1143	1.9	4.86	18.0	7.0	25.0	20.0			
	364.1	970	2.0	4.11	18.0	7.0	25.0	20.0			
	108.1	3266	0.9	13.91	14.0	5.0	16.0	18.0	<b>PA 62 - 225S/4A</b> <b>PF 62 - 225S/4A</b>	345	100
	129.5	2726	1.0	11.60	16.0	6.0	18.0	18.0			
	141.8	2491	1.1	10.52	15.0	6.0	18.0	18.0			
	170.3	2074	1.3	8.78	16.0	6.0	19.0	18.0			
	197.9	1785	1.6	7.55	17.0	7.0	20.0	18.0			
	235.6	1499	1.2	6.35	16.0	6.0	19.0	17.0			
	283.6	1246	1.4	5.29	16.0	7.0	19.0	17.0			
	328.4	1075	1.7	4.56	16.0	7.0	20.0	16.0			
370.3	954	1.8	4.06	16.0	7.0	20.0	16.0				
383.5	921	1.9	3.91	16.0	7.0	20.0	16.0				
402.9	877	1.9	3.72	16.0	7.0	20.0	16.0				
453.9	778	2.0	3.32	16.0	7.0	19.0	16.0				
504.9	700	2.0	2.97	16.0	7.0	19.0	15.0				
<b>45.0</b>	21.4	20055	1.0	70.42	90.0	48.0	108.0	91.0	<b>PA 103 - 225M/4C</b> <b>PF 103 - 225M/4C</b>	951	109
	24.5	17548	1.0	60.75	93.0	49.0	110.0	91.0			
	28.6	15041	1.2	53.00	96.0	49.0	112.0	91.0			
	32.6	13161	1.4	45.33	97.0	50.0	113.0	90.0			
	39.8	10799	1.7	37.97	99.0	49.0	111.0	88.0			
	51.0	8423	2.2	29.62	100.0	48.0	107.0	85.0			
	59.2	7261	2.5	25.33	101.0	48.0	104.0	83.0			
	70.4	6103	3.2	21.22	101.0	46.0	101.0	81.0			
	27.5	15599	0.8	53.75	52.0	24.0	60.0	70.0	<b>PA 93 - 225M/4C</b> <b>PF 93 - 225M/4C</b>	732	107
	32.6	13161	0.9	46.63	56.0	26.0	64.0	70.0			
	37.7	11383	1.0	39.46	59.0	27.0	67.0	70.0			
	47.9	8961	1.2	31.24	62.0	28.0	70.0	69.0			
	55.1	7799	1.4	27.10	63.0	28.0	71.0	68.0			
	65.3	6581	1.7	22.93	64.0	29.0	71.0	67.0			
	78.5	5469	2.0	19.17	65.0	28.0	71.0	65.0	<b>PA 92 - 225M/4C</b> <b>PF 92 - 225M/4C</b>	721	106
	90.8	4732	2.0	16.47	65.0	28.0	70.0	64.0			
	104.0	4129	2.5	14.36	63.0	28.0	69.0	62.0			
	121.4	3539	2.8	12.39	62.0	27.0	68.0	60.0			

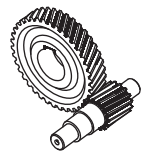
**45.0 kW**  
**55.0 kW**



P <sub>1</sub> [kW]	n <sub>2</sub> [Min <sup>-1</sup> ]	M <sub>2</sub> [Nm]	f <sub>B</sub>	i <sub>ges</sub>	F <sub>R</sub> [kN]	F <sub>A</sub> [kN]	F <sub>R GR</sub> [kN]	F <sub>A GR</sub> [kN]	Tip / Type	Kg	Sayfa Page mm	
45.0	45.9	9359	0.9	32.53	27.0	9.0	36.0	39.0	PA 83 - 225M/4C PF 83 - 225M/4C	553	105	
	53.0	8099	1.0	27.99	30.0	10.0	40.0	39.0				
	61.2	7019	1.0	24.38	32.0	11.0	42.0	40.0				
	71.4	6016	1.2	20.99	34.0	12.0	44.0	40.0				
	90.8	4732	1.3	16.56	36.0	14.0	46.0	40.0	PA 82 - 225M/4C PF 82 - 225M/4C	545	104	
	105.1	4089	1.5	14.29	37.0	14.0	47.0	39.0				
	126.5	3397	2.0	11.85	36.0	14.0	46.0	38.0				
	144.8	2965	2.2	10.33	36.0	14.0	46.0	37.0				
	170.3	2522	2.5	8.84	36.0	14.0	45.0	36.0				
	203.0	2117	2.8	7.40	35.0	14.0	44.0	35.0				
	241.7	1777	2.2	6.21	33.0	13.0	42.0	34.0				
	283.6	1515	3.1	5.31	33.0	13.0	41.0	33.0				
	72.4	5932	0.8	20.66	6.0	1.0	13.0	19.0	PA 73 - 225M/4C PF 73 - 225M/4C	457	103	
	83.6	5136	1.0	18.01	10.0	2.0	16.0	20.0				
	105.1	4089	1.0	14.33	14.0	4.0	21.0	22.0	PA 72 - 225M/4C PF 72 - 225M/4C	447	102	
	119.3	3600	1.0	12.49	16.0	5.0	22.0	22.0				
	138.7	3097	1.4	10.84	16.0	5.0	23.0	21.0				
	158.1	2718	1.6	9.46	17.0	5.0	24.0	21.0				
	182.6	2353	1.8	8.21	17.0	6.0	24.0	21.0				
	216.2	1986	2.0	6.94	18.0	6.0	25.0	21.0				
	233.6	1839	1.4	6.42	16.0	6.0	23.0	20.0				
	268.3	1601	1.6	5.60	17.0	6.0	23.0	20.0				
	309.1	1390	2.0	4.86	17.0	6.0	23.0	19.0				
	364.1	1180	2.0	4.11	17.0	6.0	23.0	19.0				
	388.6	1105	2.2	3.86	17.0	6.0	23.0	19.0				
	437.6	982	2.2	3.44	17.0	6.0	23.0	18.0				
	129.5	3316	0.9	11.60	12.0	4.0	13.0	16.0	PA 62 - 225M/4C PF 62 - 225M/4C	358	100	
	170.3	2522	1.1	8.78	14.0	5.0	15.0	16.0				
197.9	2171	1.3	7.55	14.0	6.0	17.0	16.0					
283.6	1515	1.1	5.29	14.0	6.0	17.0	16.0					
328.4	1308	1.5	4.56	15.0	6.0	17.0	15.0					
370.3	1160	1.5	4.06	15.0	6.0	18.0	15.0					
383.5	1120	1.7	3.91	15.0	6.0	18.0	15.0					
402.9	1066	1.8	3.72	15.0	6.0	18.0	15.0					
453.9	947	2.0	3.32	15.0	6.0	18.0	15.0					
504.9	851	2.2	2.97	15.0	6.0	18.0	15.0					
55.0	21.4	24512	0.8	70.42	83.0	41.0	89.0	82.0	PA 103 - 250M/4C PF 103 - 250M/4C	1120	109	
	24.5	21447	0.9	60.75	88.0	43.0	94.0	83.0				
	28.6	18384	1.0	53.00	92.0	44.0	99.0	84.0				
	33.7	15599	1.2	45.33	95.0	45.0	102.0	84.0				
	39.8	13199	1.4	37.97	97.0	45.0	103.0	83.0				
	51.0	10295	1.8	29.62	99.0	45.0	102.0	81.0				
	59.2	8875	2.0	25.33	100.0	45.0	100.0	80.0				
	71.4	7354	2.5	21.22	97.0	44.0	97.0	77.0				
	77.5	6773	2.2	19.35	97.0	44.0	96.0	77.0	PA 102 - 250M/4C PF 102 - 250M/4C	1111	108	
	90.8	5784	2.6	16.61	95.0	43.0	94.0	75.0				
	37.7	13912	0.9	39.46	55.0	22.0	55.0	64.0	PA 93 - 250M/4C PF 93 - 250M/4C	916	107	
	47.9	10952	1.0	31.24	59.0	25.0	61.0	64.0				
	56.1	9359	1.2	27.10	60.0	25.0	63.0	64.0				
	65.3	8043	1.4	22.93	61.0	26.0	65.0	63.0				
	78.5	6685	1.7	19.17	61.0	26.0	65.0	62.0				
	91.8	5719	1.7	16.47	61.0	26.0	66.0	61.0	PA 92 - 250M/4C PF 92 - 250M/4C	905	106	
	105.1	4998	2.0	14.36	60.0	26.0	65.0	60.0				
	121.4	4326	2.2	12.39	59.0	26.0	64.0	58.0				
	143.8	3651	2.5	10.50	58.0	26.0	63.0	56.0				



P <sub>1</sub> [kW]	n <sub>2</sub> [Min <sup>-1</sup> ]	M <sub>2</sub> [Nm]	f <sub>B</sub>	i <sub>ges</sub>	F <sub>R</sub> [kN]	F <sub>A</sub> [kN]	F <sub>R GR</sub> [kN]	F <sub>A GR</sub> [kN]	Tip / Type	 Kg	Sayfa Page mm			
<b>55.0</b>	90.8	5784	1.0	16.56	31.0	11.0	41.0	37.0	<b>PA 82 - 250M/4C</b> <b>PF 82 - 250M/4C</b>	729	104			
	106.1	4949	1.2	14.29	32.0	12.0	42.0	37.0						
	127.5	4118	1.6	11.85	33.0	12.0	42.0	36.0						
	145.9	3600	1.8	10.33	33.0	13.0	42.0	36.0						
	171.4	3063	2.0	8.84	33.0	13.0	43.0	35.0						
	204.0	2573	2.2	7.40	33.0	13.0	42.0	34.0						
	243.8	2154	1.9	6.21	31.0	12.0	40.0	32.0						
	285.6	1838	2.5	5.31	31.0	12.0	39.0	32.0						
	340.7	1542	2.6	4.45	30.0	12.0	38.0	30.0						
	417.2	1259	3.1	3.64	30.0	12.0	37.0	29.0						
522.2	1005	2.9	2.90	29.0	11.0	35.0	28.0							
<b>75.0</b>	28.6	25068	0.8	53.00	69.0	33.0	71.0	70.0	<b>PA 103 - 280S/4</b> <b>PF 103 - 280S/4</b>	1295	109			
	33.7	21271	0.9	45.33	78.0	36.0	78.0	72.0						
	39.8	17998	1.0	37.97	84.0	38.0	84.0	73.0						
	51.0	14039	1.3	29.62	89.0	39.0	89.0	73.0						
	60.2	11897	1.5	25.33	89.0	40.0	90.0	73.0						
	71.4	10027	1.9	21.22	89.0	40.0	90.0	72.0						
	78.5	9116	1.7	19.35	90.0	40.0	90.0	72.0	<b>PA 102 - 280S/4</b> <b>PF 102 - 280S/4</b>	1286	108			
	90.8	7887	2.0	16.61	88.0	40.0	89.0	71.0						
	106.1	6749	2.0	14.29	86.0	39.0	86.0	69.0						
	127.5	5615	2.2	11.85	84.0	38.0	84.0	67.0						
	152.0	4711	2.2	9.94	82.0	37.0	81.0	64.0						
	202.0	3545	2.0	7.51	76.0	35.0	75.0	60.0						
	49.0	14624	0.8	31.24	45.0	18.0	43.0	55.0	<b>PA 93 - 280S/4</b> <b>PF 93 - 280S/4</b>	1076	107			
	56.1	12763	0.9	27.10	48.0	19.0	47.0	56.0						
	66.3	10799	1.0	22.93	51.0	21.0	51.0	57.0						
	79.6	8999	1.2	19.17	52.0	22.0	54.0	56.0						
	91.8	7799	1.2	16.47	54.0	23.0	57.0	56.0	<b>PA 92 - 280S/4</b> <b>PF 92 - 280S/4</b>	1065	106			
	105.1	6815	1.4	14.36	54.0	23.0	57.0	56.0						
	122.4	5850	1.7	12.39	54.0	23.0	58.0	55.0						
	143.8	4978	1.9	10.50	53.0	23.0	57.0	53.0						
194.8	3675	1.5	7.78	50.0	22.0	54.0	49.0							
226.4	3161	1.9	6.71	49.0	21.0	53.0	48.0							
266.2	2689	2.0	5.68	48.0	21.0	52.0	47.0							
91.8	7799	0.8	16.56	21.0	7.0	29.0	31.0							
106.1	6749	1.0	14.29	24.0	8.0	32.0	32.0	<b>PA 82 - 280S/4</b> <b>PF 82 - 280S/4</b>	904	104				
127.5	5615	1.1	11.85	26.0	9.0	34.0	32.0							
146.9	4875	1.3	10.33	27.0	10.0	35.0	32.0							
171.4	4178	1.4	8.84	28.0	10.0	36.0	32.0							
205.0	3492	1.7	7.40	29.0	11.0	37.0	32.0							
244.8	2924	1.3	6.21	27.0	10.0	35.0	30.0							
286.6	2498	1.8	5.31	28.0	11.0	35.0	29.0							
341.7	2095	1.9	4.45	28.0	11.0	35.0	29.0							
418.2	1711	2.2	3.64	27.0	11.0	35.0	28.0							
524.3	1365	2.0	2.90	27.0	11.0	34.0	27.0							
<b>90.0</b>	33.7	25524	0.8	45.33	58.0	29.0	60.0				63.0	<b>PA 103 - 280M/4</b> <b>PF 103 - 280M/4</b>	1345	109
	39.8	21597	0.9	37.97	67.0	32.0	69.0				66.0			
	51.0	16846	1.1	29.62	77.0	35.0	77.0	68.0						
	60.2	14277	1.3	25.33	81.0	36.0	81.0	68.0						
	71.4	12033	1.5	21.22	83.0	37.0	83.0	68.0						
	78.5	10939	1.4	19.35	84.0	37.0	85.0	68.0	<b>PA 102 - 280M/4</b> <b>PF 102 - 280M/4</b>	1336	108			
	90.8	9464	1.7	16.61	83.0	37.0	85.0	67.0						
	106.1	8099	1.9	14.29	82.0	37.0	83.0	66.0						
	127.5	6738	2.2	11.85	81.0	37.0	81.0	64.0						
	152.0	5653	2.5	9.94	79.0	36.0	79.0	63.0						
	202.0	4254	2.2	7.51	73.0	33.0	73.0	58.0						
	242.8	3539	2.5	6.23	71.0	33.0	70.0	56.0						
	289.7	2965	2.5	5.23	69.0	32.0	68.0	54.0						



P <sub>1</sub> [kW]	n <sub>2</sub> [Min <sup>-1</sup> ]	M <sub>2</sub> [Nm]	f <sub>B</sub>	i <sub>ges</sub>	F <sub>R</sub> [kN]	F <sub>A</sub> [kN]	F <sub>R GR</sub> [kN]	F <sub>A GR</sub> [kN]	Tip / Type	Kg	Sayfa Page mm			
<b>90.0</b>	91.8	9359	1.0	16.47	48.0	20.0	50.0	53.0	<b>PA 92 - 280M/4</b> <b>PF 92 - 280M/4</b>	1115	106			
	105.1	8178	1.2	14.36	49.0	21.0	51.0	52.0						
	122.4	7019	1.4	12.39	50.0	21.0	52.0	52.0						
	143.8	5974	1.6	10.50	50.0	21.0	53.0	51.0						
	194.8	4410	1.3	7.78	47.0	20.0	50.0	47.0						
	226.4	3795	1.9	6.71	46.0	20.0	50.0	46.0						
	266.2	3227	2.0	5.68	46.0	20.0	49.0	45.0						
	431.5	1991	2.5	3.51	43.0	19.0	47.0	41.0						
<b>110</b>	51.0	20590	1.0	29.62	60.0	29.0	62.0	60.0	<b>PA 103 - 315S/4</b> <b>PF 103 - 315S/4</b>	1515	109			
	60.2	17449	1.0	25.33	67.0	31.0	68.0	61.0						
	71.4	14707	1.2	21.22	72.0	32.0	72.0	62.0						
	78.5	13370	1.1	19.35	76.0	34.0	76.0	63.0	<b>PA 102 - 315S/4</b> <b>PF 102 - 315S/4</b>	1506	108			
	90.8	11567	1.4	16.61	77.0	34.0	77.0	63.0						
	106.1	9899	1.5	14.29	77.0	34.0	78.0	63.0						
	127.5	8236	1.8	11.85	76.0	34.0	77.0	61.0						
	152.0	6909	2.0	9.94	75.0	34.0	75.0	60.0						
	202.0	5200	1.9	7.51	70.0	32.0	70.0	56.0						
	242.8	4326	2.0	6.23	68.0	31.0	68.0	54.0						
	290.7	3612	2.2	5.23	66.0	30.0	66.0	53.0						
	91.8	11439	0.9	16.47	41.0	16.0	40.0	48.0	<b>PA 92 - 315S/4</b> <b>PF 92 - 315S/4</b>	1285	106			
	106.1	9899	1.0	14.36	43.0	17.0	43.0	48.0						
	122.4	8579	1.1	12.39	44.0	18.0	45.0	48.0						
	144.8	7250	1.3	10.50	45.0	19.0	47.0	48.0						
	194.8	5390	1.0	7.78	43.0	18.0	45.0	45.0						
	226.4	4637	1.5	6.71	43.0	18.0	46.0	44.0						
	267.2	3930	1.7	5.68	43.0	18.0	46.0	43.0						
	432.5	2428	2.0	3.51	41.0	18.0	45.0	40.0						
	<b>132</b>	78.5	16044	1.0	19.35	65.0	29.0	65.0	58.0	<b>PA 102 - 315M/4</b> <b>PF 102 - 315M/4</b>	1586	108		
90.8		13881	1.1	16.61	69.0	31.0	68.0	58.0						
106.1		11879	1.3	14.29	71.0	31.0	71.0	59.0						
127.5		9883	1.5	11.85	71.0	32.0	72.0	58.0						
152.0		8291	1.7	9.94	71.0	32.0	72.0	57.0						
202.0		6240	1.7	7.51	66.0	30.0	67.0	53.0						
242.8		5191	2.0	6.23	65.0	29.0	66.0	52.0						
290.7		4335	2.2	5.23	64.0	29.0	64.0	51.0						
355.0		3550	2.5	4.28	62.0	28.0	62.0	49.0						
105.1		11994	0.9	14.36	35.0	14.0	33.0	44.0	<b>PA 92 - 315M/4</b> <b>PF 92 - 315M/4</b>	1365	106			
122.4		10295	1.0	12.39	38.0	15.0	37.0	45.0						
144.8		8699	1.0	10.50	40.0	16.0	41.0	45.0						
226.4		5564	1.3	6.71	39.0	16.0	41.0	42.0						
267.2		4715	1.4	5.68	40.0	17.0	42.0	41.0						
432.5		2914	1.8	3.51	39.0	17.0	42.0	39.0						
<b>160</b>		78.5	19447	0.8	19.35	50.0	24.0	52.0				51.0	<b>PA 102 - 315M/4</b> <b>PF 102 - 315M/4</b>	1736
	90.8	16826	1.0	16.61	56.0	26.0	56.0	53.0						
	106.1	14398	1.0	14.29	60.0	27.0	61.0	54.0						
	127.5	11980	1.2	11.85	64.0	28.0	64.0	54.0						
	152.0	10050	1.4	9.94	66.0	29.0	66.0	54.0						
	202.0	7563	1.4	7.51	62.0	27.0	62.0	51.0						
	242.8	6292	1.7	6.23	61.0	28.0	62.0	50.0						
	289.7	5272	1.9	5.23	61.0	27.0	61.0	49.0						
	353.9	4315	2.0	4.28	59.0	27.0	59.0	47.0						
	122.4	12478	0.8	12.39	27.0	11.0	27.0	39.0	<b>PA 92 - 315M/4</b> <b>PF 92 - 315M/4</b>	1515	106			
	144.8	10546	0.9	10.50	33.0	13.0	32.0	41.0						
	226.4	6745	1.0	6.71	34.0	14.0	35.0	39.0						
	267.2	5715	1.1	5.68	35.0	15.0	37.0	39.0						
	431.5	3540	1.4	3.51	36.0	16.0	39.0	37.0						