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SITI Серия MPD Цилиндрический насадной мотор-редуктор.

Цилиндрический насадной мотор-редуктор SITI серии PD-MPD имеет двух и трехступенчатое исполнение.
Комплектуется электродвигателями мощностью от 0,12 кВт до 90 кВт с крутящим моментом от 34 Нм до 14000 Нм и передаточным отношением от 10:1 до 190:1.

Цилиндрический насадной редуктор SITI доступен для заказа с двумя видами исполнения входного вала:

- входной вал с фланцем под электродвигатель серия MPD
- входной цельнометаллический вал серия PD

Корпуса выполнены из высокопрочного чугуна, зубчатые колеса сделаны из высококачественной и высокопрочной стали.

Насадной редуктор Siti имеет следующие типоразмеры:
MPD 63, MPD 80, MPD 100, MPD 125, MPD 160.

Таблицы подбора:

Двухступенчатые редукторы

PD 63

n_1	i	n_2	M_2	kW_1	HP_1	RD
2800	10.60	264	*180*	5.2	7.1	0.96
	13.65	205	*180*	4.0	5.5	0.96
	15.01	187	*180*	3.7	5.0	0.96
	17.97	156	*216*	3.7	5.0	0.96
	18.71	150	*153*	2.5	3.4	0.96
	23.12	121	*207*	2.7	3.7	0.96
	25.42	110	*207*	2.5	3.4	0.96
	31.69	88	*162*	1.6	2.1	0.96
1400	10.60	132	*200*	2.9	3.9	0.96
	13.65	103	*200*	2.2	3.0	0.96
	15.01	93	*200*	2.0	2.8	0.96
	17.97	78	*240*	2.0	2.8	0.96
	18.71	75	*170*	1.4	1.9	0.96
	23.12	61	*230*	1.5	2.1	0.96
	25.42	55	*230*	1.4	1.9	0.96
	31.69	44	*180*	0.9	1.2	0.96
900	10.60	85	*220*	2.0	2.8	0.96
	13.65	66	*220*	1.6	2.2	0.96
	15.01	60	*220*	1.4	2.0	0.96
	17.97	50	*264*	1.4	2.0	0.96
	18.71	48	*187*	1.0	1.3	0.96
	23.12	39	*253*	1.1	1.5	0.96
	25.42	35	*253*	1.0	1.3	0.96
	31.69	28	*198*	0.6	0.8	0.96

MPD 63

n_1	i	n_2	M_2	kW_1	HP_1	RD	sf	PAM
2800	10.60	264	*76*	2.2	3	0.96	2.36	24/200 - 19/200
	13.65	205	*98*	2.2	3	0.96	1.83	24/200 - 19/200
	15.01	187	*108*	2.2	3	0.96	1.66	24/200 - 19/200
	17.97	156	*129*	2.2	3	0.96	1.67	24/200 - 19/200
	18.71	150	*135*	2.2	3	0.96	1.14	24/200 - 19/200
	23.12	121	*167*	2.2	3	0.96	1.24	24/200 - 19/200
	25.42	110	*125*	1.5	2	0.96	1.66	24/200 - 19/200
	31.69	88	*156*	1.5	2	0.96	1.04	24/200 - 19/200
1400	10.60	132	*125*	1.8	2.5	0.96	1.60	24/200 - 19/200
	13.65	103	*161*	1.8	2.5	0.96	1.24	24/200 - 19/200
	15.01	93	*177*	1.8	2.5	0.96	1.13	24/200 - 19/200
	17.97	78	*212*	1.8	2.5	0.96	1.13	24/200 - 19/200
	18.71	75	*184*	1.5	2.0	0.96	0.92	24/200 - 19/200
	23.12	61	*227*	1.5	2.0	0.96	1.01	24/200 - 19/200
	25.42	55	*183*	1.1	1.5	0.96	1.26	24/200 - 19/200
	31.69	44	*156*	0.75	1.0	0.96	1.16	24/200 - 19/200
900	10.60	85	*119*	1.1	1.5	0.96	1.85	24/200 - 19/200
	13.65	66	*153*	1.1	1.5	0.96	1.44	24/200 - 19/200
	15.01	60	*168*	1.1	1.5	0.96	1.31	24/200 - 19/200
	17.97	50	*201*	1.1	1.5	0.96	1.31	24/200 - 19/200
	18.71	48	*210*	1.1	1.5	0.96	0.89	24/200 - 19/200
	23.12	40	*259*	1.1	1.5	0.96	0.98	24/200 - 19/200
	25.42	35	*194*	0.75	1.0	0.96	1.30	24/200 - 19/200
	31.69	28	*178*	0.55	0.75	0.96	1.12	24/200 - 19/200

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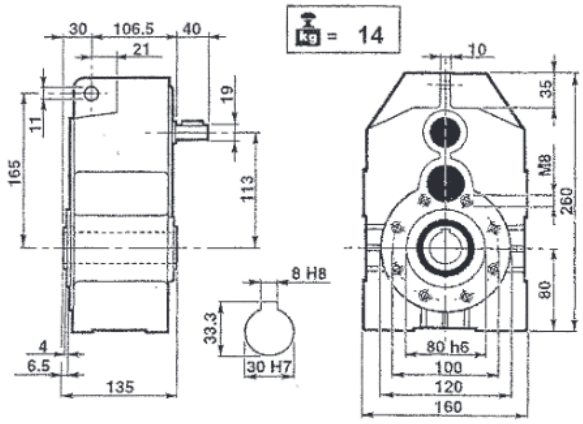
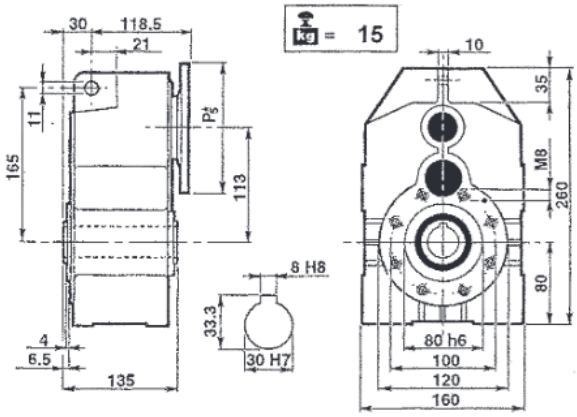


PD 63



MPD 63

P_5*: Vedere i PAM per ogni singola versione
P_5*: See PAM size for each single version
P_5*: Siehe PAM Größe für jede Ausführung
P_5*: Voir les PAM pour chaque version simple
P_5*: Consulte los PAM de cada versión por separado
P_5*: Ver os PAM para cada versão

Carico radiale esterno ammissibile	Max. Allowable external radial load	Zulässige externe radiale Belastung
Charge radiale externe admissible	Carga radial externa admisible	Carga radial externa admissível

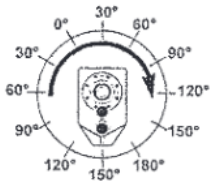
Albero veloce / Input shaft / Eingangwelle / Arbre grande vitesse / Eje rápido / Eixo de entrada		
1400 min $^{-1}$	**PD 63**	**MPD 63**
	650	400

Albero lento / Output shaft / Seitigatriebswelle / Arbre petite vitesse / Eje lento / Eixo de saída

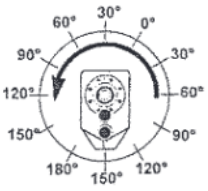
PD 63 - PD 63/3

min^{-1}	0°	30°	60°	90°	120°	150°	180°
20	9205	9517	10327	11572	13002	14121	14562
40	6961	7276	8022	9267	10700	11880	12320
60	5911	6159	6907	8150	9582	10762	11259
80	5164	5413	6159	7404	8836	10079	10514
100	4666	4916	5598	6838	8271	9500	10016
120	4291	4480	5225	6409	7902	9145	9643
140	3982	4156	4848	5946	7332	8486	8948
160	3732	3896	4544	5574	6872	7954	8386

Rotazione oraria
Clockwise rotation
Uhrzeigersinn
Rotation dans le sens des aiguilles d'une montre
Rotación en sentido horario
Rotação horária



Rotazione antioraria
Anticlockwise rotation
Gegenuhrzeigersinn
Rotation dans le sens contraire des aiguilles d'une montre
Rotación en sentido antihorario
Rotação anti-horária



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PD 80

n_1	i	n_2	M_2	kW_1	HP_1	RD
2800	10.02	279	360	11.0	14.9	0.96
	12.94	216	360	8.5	11.6	0.96
	15.78	177	360	7.0	9.5	0.96
	17.95	156	441	7.5	10.2	0.96
	20.17	139	405	6.1	8.3	0.96
	23.17	121	378	5.0	6.8	0.96
	28.26	99	378	4.1	5.6	0.96
	36.13	77	360	3.0	4.1	0.96
1400	10.02	140	400	6.1	8.3	0.96
	12.94	108	400	4.7	6.4	0.96
	15.78	89	400	3.9	5.3	0.96
	17.95	78	490	4.2	5.7	0.96
	20.17	69	450	3.4	4.6	0.96
	23.17	60	420	2.8	3.8	0.96
	28.26	50	420	2.3	3.1	0.96
	36.13	39	400	1.7	2.3	0.96
900	10.02	90	440	4.3	5.9	0.96
	12.94	70	440	3.3	4.5	0.96
	15.78	57	440	2.7	3.7	0.96
	17.95	50	539	2.9	4.0	0.96
	20.17	45	495	2.4	3.3	0.96
	23.17	39	462	2.0	2.7	0.96
	28.26	32	462	1.6	2.2	0.96
	36.13	25	440	1.2	1.6	0.96

MPD 80

n_1	i	n_2	M_2	kW_1	HP_1	RD	sf	PAM
2800	10.02	279	180	5.5	7.5	0.96	2.00	28/250 - 24/200
	12.94	216	233	5.5	7.5	0.96	1.54	28/250 - 24/200
	15.78	177	284	5.5	7.5	0.96	1.27	28/250 - 24/200
	17.95	156	323	5.5	7.5	0.96	1.36	28/250 - 24/200
	20.17	139	363	5.5	7.5	0.96	1.11	28/250 - 24/200
	23.17	121	303	4.0	5.5	0.96	1.25	28/250 - 24/200
	28.26	99	370	4.0	5.5	0.96	1.02	28/250 - 24/200
	36.13	77	260	2.2	3.0	0.96	1.38	28/250 - 24/200
1400	10.02	140	262	4.0	5.5	0.96	1.52	28/250 - 24/200
	12.94	108	339	4.0	5.5	0.96	1.18	28/250 - 24/200
	15.78	89	310	3.0	4.0	0.96	1.29	28/250 - 24/200
	17.95	78	470	4.0	5.5	0.96	1.04	28/250 - 24/200
	20.17	69	396	3.0	4	0.96	1.14	28/250 - 24/200
	23.17	60	334	2.2	3	0.96	1.26	28/250 - 24/200
	28.26	49	407	2.2	3	0.96	1.03	28/250 - 24/200
	36.13	39	365	1.5	2	0.96	1.13	28/250 - 24/200
900	10.02	90	225	2.2	3	0.96	1.96	28/250 - 24/200
	12.94	70	290	2.2	3	0.96	1.52	28/250 - 24/200
	15.78	57	354	2.2	3	0.96	1.24	28/250 - 24/200
	17.95	50	402	2.2	3	0.96	1.34	28/250 - 24/200
	20.17	45	452	2.2	3	0.96	1.10	28/250 - 24/200
	23.17	39	354	1.5	2	0.96	1.30	28/250 - 24/200
	28.26	32	432	1.5	2	0.96	1.07	28/250 - 24/200
	36.13	25	405	1.1	1.5	0.96	1.09	28/250 - 24/200

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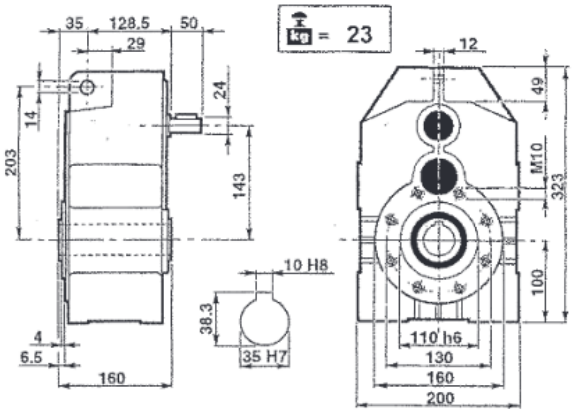
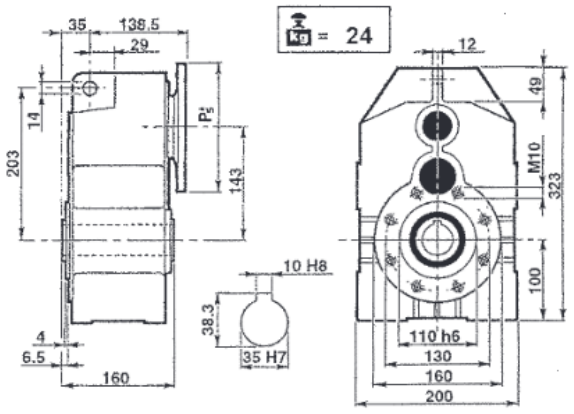


PD 80



MPD 80

P_s*: Vedere i PAM per ogni singola versione
P_s*: See PAM size for each single version
P_s*: Siehe PAM Größe für jede Ausführung
P_s*: Voir les PAM pour chaque version simple
P_s*: Consulte los PAM de cada versión por separado
P_s*: Ver os PAM para cada versão

Carico radiale esterno ammissibile
Charge radiale externe admissible
Max. Allowable external radial load
Carga radial externa admisible
Zulässige externe radiale Belastung
Carga radial externa admissível

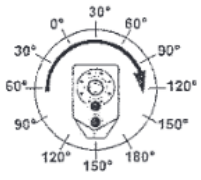
Albero veloce / Input shaft / Eingangwelle / Arbre grande vitesse / Eje rápido / Eixo de entrada		
1400 min $^{-1}$	**PD 80**	**PD 80/3**
	900	650

Albero lento / Output shaft / Seitigatriebswelle / Arbre petite vitesse / Eje lento / Eixo de saída

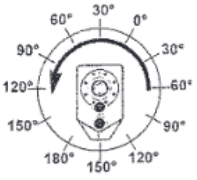
PD 80 - PD 80/3

min^{-1}	0°	30°	60°	90°	120°	150°	180°
20	9995	10333	11213	12565	14118	15332	15811
40	7558	7900	8710	10062	11618	12899	13377
60	6418	6687	7499	8849	10403	11685	12225
80	5607	5878	6687	8039	9594	10944	11416
100	5066	5337	6078	7425	8981	10314	10375
120	4659	4864	5673	6959	8580	9930	10470
140	4323	4513	5264	6457	7961	9214	9715
160	4052	4230	4934	6052	7462	8636	9106

Rotazione oraria
Clockwise rotation
Uhrzeigersinn
Rotation dans le sens des aiguilles d'une montre
Rotación en sentido horario
Rotação horária



Rotazione antioraria
Anticlockwise rotation
Gegenuhrzeigersinn
Rotation dans le sens contraire des aiguilles d'une montre
Rotación en sentido antihorario
Rotação anti-horária



PD 100

n_1	i	n_2	M_2	kW_1	HP_1	RD
2800	9.98	281	*720*	22.0	30.0	0.96
	12.89	217	*720*	17.1	23.2	0.96
	15.47	181	*855*	16.9	23.0	0.96
	15.72	178	*720*	14.0	19.0	0.96
	19.98	140	*810*	12.4	16.8	0.96
	20.49	137	*675*	10.1	13.7	0.96
	24.36	115	*810*	10.2	13.8	0.96
	31.75	88	*675*	6.5	8.8	0.96
1400	9.98	140	*800*	12.2	16.6	0.96
	12.89	109	*800*	9.5	12.9	0.96
	15.47	90	*950*	9.4	12.8	0.96
	15.72	89	*800*	7.8	10.6	0.96
	19.98	70	*900*	6.9	9.4	0.96
	20.49	68	*750*	5.6	7.6	0.96
	24.36	57	*900*	5.6	7.7	0.96
	31.75	44	*750*	3.6	4.9	0.96
900	9.98	90	*880*	8.7	11.8	0.96
	12.89	70	*880*	6.7	9.1	0.96
	15.47	58	*1045*	6.6	9.0	0.96
	15.72	57	*880*	5.5	7.5	0.96
	19.98	45	*990*	4.9	6.6	0.96
	20.49	44	*825*	4.0	5.4	0.96
	24.36	37	*990*	4.0	5.4	0.96
	31.75	28	*825*	2.6	3.5	0.96

MPD 100

n_1	i	n_2	M_2	kW_1	HP_1	RD	sf	PAM
2800	9.98	281	*359*	11	15	0.96	2.01	38/300 - 28/250
	12.89	217	*464*	11	15	0.96	1.55	38/300 - 28/250
	15.47	178	*557*	11	15	0.96	1.54	38/300 - 28/250
	15.72	137	*566*	11	15	0.96	1.27	38/300 - 28/250
	19.98	181	*720*	11	15	0.96	1.13	38/300 - 28/250
	20.49	140	*604*	9	12.5	0.96	1.12	38/300 - 28/250
	24.36	115	*718*	9	12.5	0.96	1.13	38/300 - 28/250
	31.75	88	*672*	5.5	7.5	0.96	1.18	38/300 - 28/250
1400	9.98	140	*719*	11	15	0.96	1.11	38/300 - 28/250
	12.89	109	*777*	9.2	12.5	0.96	1.03	38/300 - 28/250
	15.47	90	*932*	9.2	12.5	0.96	1.02	38/300 - 28/250
	15.72	89	*772*	7.5	10	0.96	1.04	38/300 - 28/250
	19.98	70	*720*	5.5	7.5	0.96	1.25	38/300 - 28/250
	20.49	68	*738*	5.5	7.5	0.96	1.02	38/300 - 28/250
	24.36	57	*877*	5.5	7.5	0.96	1.03	38/300 - 28/250
	31.75	44	*624*	3.0	4	0.96	1.20	38/300 - 28/250
900	9.98	90	*559*	5.5	7.5	0.96	1.57	38/300 - 28/250
	12.89	70	*722*	5.5	7.5	0.96	1.22	38/300 - 28/250
	15.47	58	*867*	5.5	7.5	0.96	1.21	38/300 - 28/250
	15.72	57	*881*	5.5	7.5	0.96	1.00	38/300 - 28/250
	19.98	45	*814*	4.0	5.5	0.96	1.22	38/300 - 28/250
	20.49	44	*835*	4.0	5.5	0.96	0.99	38/300 - 28/250
	24.36	37	*993*	4.0	5.5	0.96	1.00	38/300 - 28/250
	31.75	28	*712*	2.2	3.0	0.96	1.16	38/300 - 28/250

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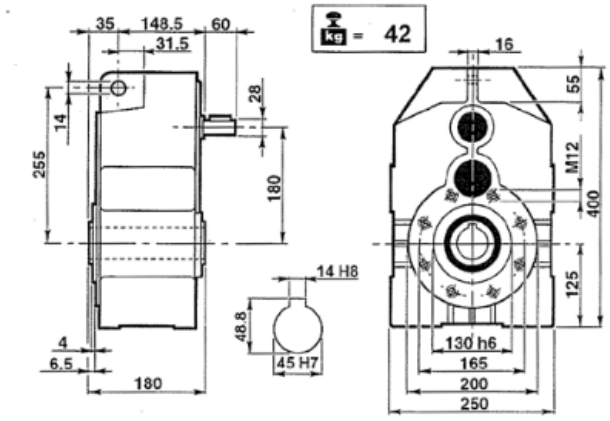
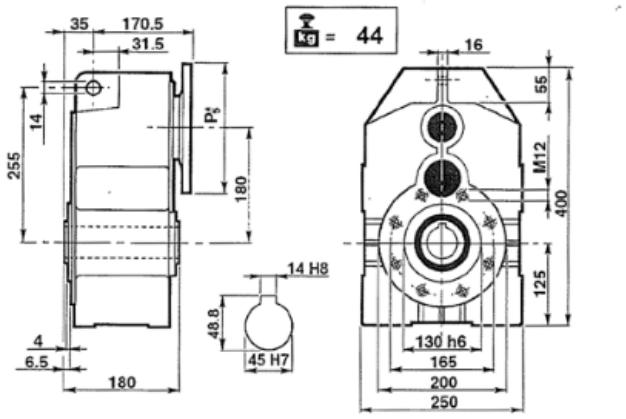


PD 100



MPD 100

P_s*: Vedere i PAM per ogni singola versione
P_s*: See PAM size for each single version
P_s*: Siehe PAM Größe für jede Ausführung

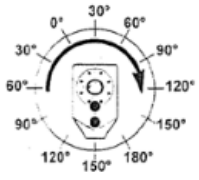
P_s*: Voir les PAM pour chaque version simple
P_s*: Consulte los PAM de cada versión por separado
P_s*: Ver os PAM para cada versão

Carico radiale esterno ammissibile	Max. Allowable external radial load	Zulässige externe radiale Belastung
Charge radiale externe admissible	Carga radial externa admisible	Carga radial externa admissível

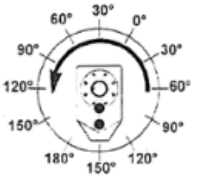
Albero veloce / Input shaft / Eingangwelle / Arbre grande vitesse / Eje rápido / Eixo de entrada		
1400 min $^{-1}$	**PD 100**	**PD 100/3**
	1400	1000

Albero lento / Output shaft / Seitigatriebswelle / Arbre petite vitesse / Eje lento / Eixo de saída							
PD 100 - PD 100/3							
min^{-1}	0°	30°	60°	90°	120°	150°	180°
20	13186	13632	14793	16577	18625	20227	20859
40	9972	10422	11491	13274	15327	17017	17646
60	8467	8822	9893	11674	13725	15415	16128
80	7397	7754	8822	10606	12657	14438	15060
100	6684	7041	8019	9795	11848	13607	14347
120	6147	6417	7485	9180	11319	13100	13813
140	5704	5954	6945	8518	10502	12155	12817
160	5346	5580	6509	7984	9844	11393	12013

Rotazione oraria
Clockwise rotation
Uhrzeigersinn
Rotation dans le sens des aiguilles d'une montre
Rotación en sentido horario
Rotação horária



Rotazione antioraria
Anticlockwise rotation
Gegenuhrzeigersinn
Rotation dans le sens contraire des aiguilles d'une montre
Rotación en sentido antihorario
Rotação anti-horária



PD 125

n_1	i	n_2	M_2	kW_1	HP_1	RD
2800	10.48	267	*1440*	42.0	57.1	0.96
	13.49	208	*1440*	32.6	44.3	0.96
	16.28	172	*1440*	27.0	36.7	0.96
	16.43	170	*1305*	24.3	33.0	0.96
	18.60	151	*1620*	26.6	36.2	0.96
	20.96	134	*1530*	22.3	30.3	0.96
	25.52	110	*1485*	17.8	24.2	0.96
	28.90	97	*1305*	13.8	18.8	0.96
1400	10.48	134	*1600*	23.3	31.7	0.96
	13.49	104	*1600*	18.1	24.6	0.96
	16.28	86	*1600*	15.0	20.4	0.96
	16.43	85	*1450*	13.5	18.3	0.96
	18.60	75	*1800*	14.8	20.1	0.96
	20.96	67	*1700*	12.4	16.8	0.96
	25.52	55	*1650*	9.9	13.4	0.96
	28.90	48	*1450*	7.7	10.4	0.96
900	10.48	86	*1760*	16.5	22.4	0.96
	13.49	67	*1760*	12.8	17.4	0.96
	16.28	55	*1760*	10.6	14.4	0.96
	16.43	55	*1595*	9.5	13.0	0.96
	18.60	48	*1980*	10.5	14.2	0.96
	20.96	43	*1870*	8.8	11.9	0.96
	25.52	35	*1815*	7.0	9.5	0.96
	28.90	31	*1595*	5.4	7.4	0.96

MPD 125

n_1	i	n_2	M_2	kW_1	HP_1	RD	sf	PAM
2800	10.48	267	*635*	18.5	25	0.96	2.27	42/350 - 38/300
	13.49	208	*817*	18.5	25	0.96	1.76	42/350 - 38/300
	16.28	172	*986*	18.5	25	0.96	1.46	42/350 - 38/300
	16.43	170	*995*	18.5	25	0.96	1.31	42/350 - 38/300
	18.60	151	*1127*	18.5	25	0.96	1.44	42/350 - 38/300
	20.96	134	*1270*	18.5	25	0.96	1.21	42/350 - 38/300
	25.52	110	*1253*	15	20	0.96	1.18	42/350 - 38/300
	28.90	97	*1041*	11	15	0.96	1.25	42/350 - 38/300
1400	10.48	134	*1029*	15	20	0.96	1.55	42/350 - 38/300
	13.49	104	*1325*	15	20	0.96	1.21	42/350 - 38/300
	16.28	86	*1599*	15	20	0.96	1.00	42/350 - 38/300
	16.43	85	*1184*	11	15	0.96	1.23	42/350 - 38/300
	18.60	75	*1827*	15	20	0.96	0.99	42/350 - 38/300
	20.96	67	*1510*	11	15	0.96	1.13	42/350 - 38/300
	25.52	55	*1537*	9.2	12.5	0.96	1.07	42/350 - 38/300
	28.90	48	*1419*	7.5	10	0.96	1.02	42/350 - 38/300
900	10.48	86	*1174*	11	15	0.96	1.50	42/350 - 38/300
	13.49	67	*1512*	11	15	0.96	1.16	42/350 - 38/300
	16.28	55	*1824*	11	15	0.96	0.96	42/350 - 38/300
	16.43	55	*1255*	7.5	10	0.96	1.27	42/350 - 38/300
	18.60	48	*2084*	11	15	0.96	0.95	42/350 - 38/300
	20.96	43	*1601*	7.5	10	0.96	1.17	42/350 - 38/300
	25.52	35	*1430*	5.5	7.5	0.96	1.27	42/350 - 38/300
	28.90	31	*1619*	5.5	7.5	0.96	0.99	42/350 - 38/300

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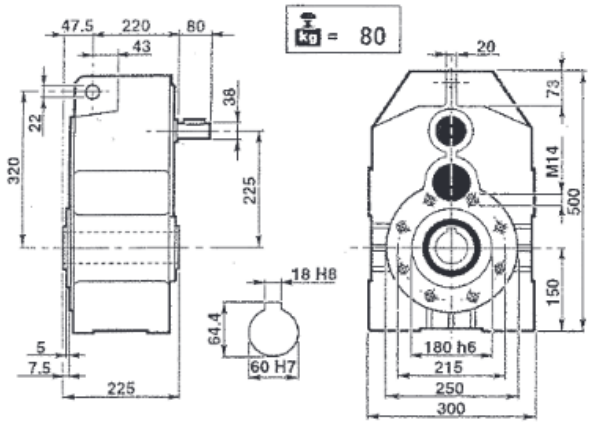
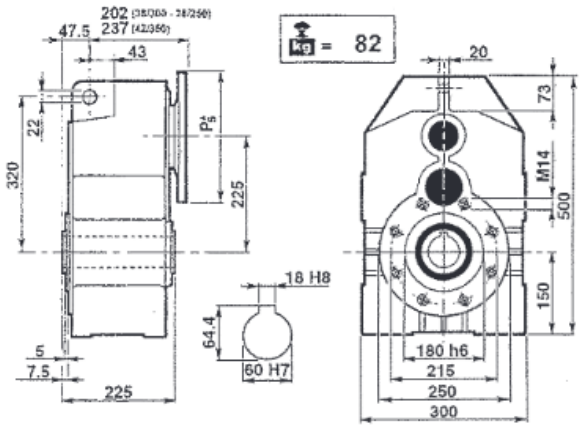


PD 125



MPD 125

P_5*: Vedere i PAM per ogni singola versione
P_5*: See PAM size for each single version
P_5*: Siehe PAM Größe für jede Ausführung

P_5*: Voir les PAM pour chaque version simple
P_5*: Consulte los PAM de cada versión por separado
P_5*: Ver os PAM para cada versão

Carico radiale esterno ammissibile
Charge radiale externe admissible

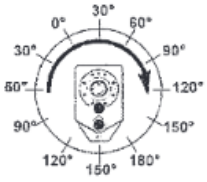
Max. Allowable external radial load
Carga radial externa admisible

Zulässige externe radiale Belastung
Carga radial externa admissível

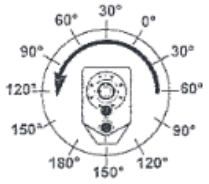
Albero veloce / Input shaft / Eingangwelle / Arbre grande vitesse / Eje rápido / Eixo de entrada		
1400 min $^{-1}$	**PD 125**	**PD 125/3**
	2100	1600

Albero lento / Output shaft / Seitigatriebswelle / Arbre petite vitesse / Eje lento / Eixo de saída							
PD 125 - PD 125/3							
min^{-1}	0°	30°	60°	90°	120°	150°	180°
20	18837	19474	21133	23681	26607	28896	29799
40	14245	14889	16415	18963	21896	24310	25211
60	12096	12604	14133	16678	19607	22022	23041
80	10567	11078	12604	15152	18081	20626	21515
100	9548	10059	11456	13993	16926	19439	20496
120	8782	9167	10693	13115	16170	18715	19733
140	8148	8505	9921	12168	15003	17364	18309
160	7637	7972	9299	11405	14063	16275	17161

Rotazione oraria
Clockwise rotation
Uhrzeigersinn
Rotation dans le sens des aiguilles d'une montre
Rotación en sentido horario
Rotação horária



Rotazione antioraria
Anticlockwise rotation
Gegenuhrzeigersinn
Rotation dans le sens contraire des aiguilles d'une montre
Rotación en sentido antihorario
Rotação anti-horária



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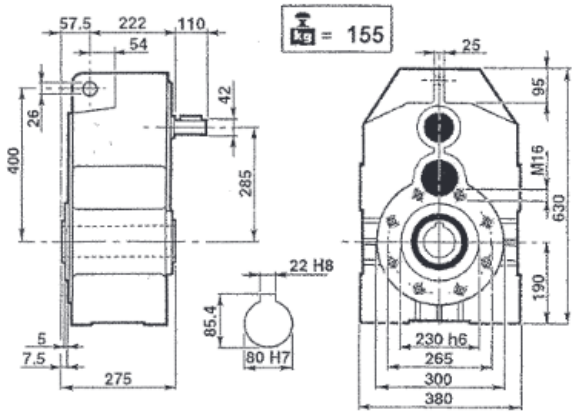
PD 160

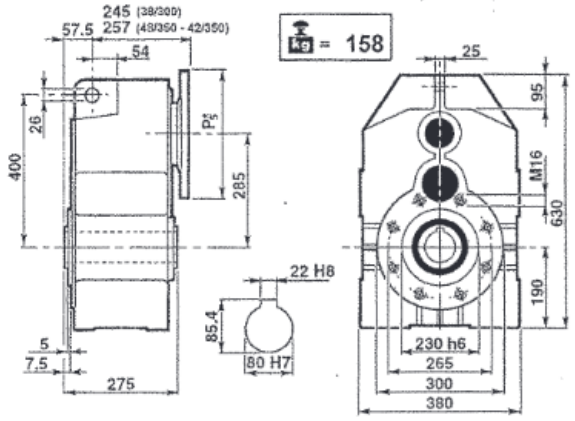
n_1	i	n_2	M_2	kW_1	HP_1	RD
2800	9.87	284	2700	83.5	113.6	0.96
	12.74	220	2880	69.0	93.9	0.96
	15.54	180	2880	56.6	77.0	0.96
	16.27	172	3150	59.1	80.4	0.96
	19.87	141	2610	40.1	54.6	0.96
	21.01	133	3150	45.8	62.3	0.96
	25.62	109	2880	34.3	46.7	0.96
	32.75	85	2700	25.2	34.2	0.96
1400	9.87	142	3000	46.4	63.1	0.96
	12.74	110	3200	38.4	52.2	0.96
	15.54	90	3200	31.4	42.8	0.96
	16.27	86	3500	32.8	44.7	0.96
	19.87	70	2900	22.3	30.3	0.96
	21.01	67	3500	25.4	34.6	0.96
	25.62	55	3200	19.1	25.9	0.96
	32.75	43	3000	14.0	19.0	0.96
900	9.87	91	3300	32.8	44.6	0.96
	12.74	71	3520	27.1	36.9	0.96
	15.54	58	3520	22.2	30.2	0.96
	16.27	55	3850	23.2	31.6	0.96
	19.87	45	3190	15.8	21.4	0.96
	21.01	43	3850	18.0	24.5	0.96
	25.62	35	3520	13.5	18.3	0.96
	32.75	27	3300	9.9	13.5	0.96

MPD 160

n_1	i	n_2	M_2	kW_1	HP_1	RD	sf	PAM
2800	9.87	284	808	25	34	0.96	3.34	48/350 - 42/350
	12.74	220	1043	25	34	0.96	2.76	48/350 - 42/350
	15.54	180	1272	25	34	0.96	2.26	48/350 - 42/350
	16.27	172	1332	25	34	0.96	2.37	48/350 - 42/350
	19.87	141	1627	25	34	0.96	1.60	48/350 - 42/350
	21.01	133	1720	25	34	0.96	1.83	48/350 - 42/350
	25.62	109	2097	25	34	0.96	1.37	48/350 - 42/350
	32.75	85	2681	25	34	0.96	1.01	48/350 - 42/350
1400	9.87	142	1422	22	30	0.96	2.11	48/350 - 42/350
	12.74	110	1835	22	30	0.96	1.74	48/350 - 42/350
	15.54	90	2239	22	30	0.96	1.43	48/350 - 42/350
	16.27	86	2344	22	30	0.96	1.49	48/350 - 42/350
	19.87	70	2863	22	30	0.96	1.01	48/350 - 42/350
	21.01	87	3027	22	30	0.96	1.16	48/350 - 42/350
	25.62	55	3104	18.5	25	0.96	1.03	48/350 - 42/350
	32.75	43	3217	15	20	0.96	0.93	48/350 - 42/350
900	9.87	91	1508	15	20	0.96	2.19	48/350 - 42/350
	12.74	71	1947	15	20	0.96	1.81	48/350 - 42/350
	15.54	58	2375	15	20	0.96	1.48	48/350 - 42/350
	16.27	55	2486	15	20	0.96	1.55	48/350 - 42/350
	19.87	45	3036	15	20	0.96	1.05	48/350 - 42/350
	21.01	43	3210	15	20	0.96	1.20	48/350 - 42/350
	25.62	35	2871	11	15	0.96	1.23	48/350 - 42/350
	32.75	27	2502	7.5	10	0.96	1.32	48/350 - 42/350



PD 160



MPD 160

P_5*: Vedere i PAM per ogni singola versione
P_5*: See PAM size for each single version
P_5*: Siehe PAM Größe für jede Ausführung

P_5*: Voir les PAM pour chaque version simple
P_5*: Consulte los PAM de cada versión por separado
P_5*: Ver os PAM para cada versão

Carico radiale esterno ammissibile
Charge radiale externe admissible

Max. Allowable external radial load
Carga radial externa admisible

Zulässige externe radiale Belastung
Carga radial externa admissível

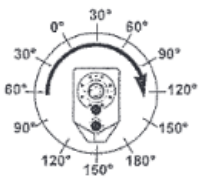
Albero veloce / Input shaft / Eingangwelle / Arbre grande vitesse / Eje rápido / Eixo de entrada		
1400 min $^{-1}$	**PD 160**	**PD 160/3**
	3200	2300

Albero lento / Output shaft / Seitigatriebswelle / Arbre petite vitesse / Eje lento / Eixo de saída

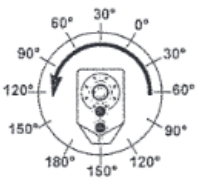
PD 160- PD 160/3

min^{-1}	0°	30°	60°	90°	120°	150°	180°
20	26910	27820	30190	33830	38010	41280	42570
40	20350	21270	23450	27090	31280	34729	36015
60	17280	18005	20190	23825	28010	31460	32915
80	15095	15825	18005	21645	25830	29465	30735
100	13640	14370	16365	19990	24180	27770	29280
120	12545	13095	15275	18735	23100	26735	28190
140	11640	12150	14173	17383	21434	24806	26156
160	10910	11388	13284	16293	20089	23251	24516

Rotazione oraria
Clockwise rotation
Uhrzeigersinn
Rotation dans le sens des aiguilles d'une montre
Rotación en sentido horario
Rotação horária



Rotazione antioraria
Anticlockwise rotation
Gegenuhrzeigersinn
Rotation dans le sens contraire des aiguilles d'une montre
Rotación en sentido antihorario
Rotação anti-horária



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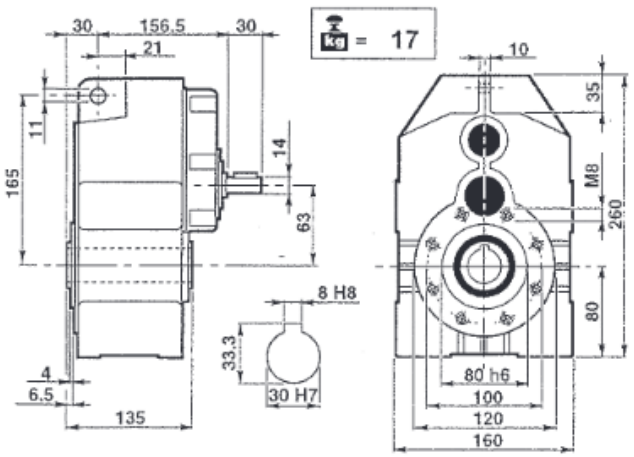
Трехступенчатые редукторы

PD 63/3

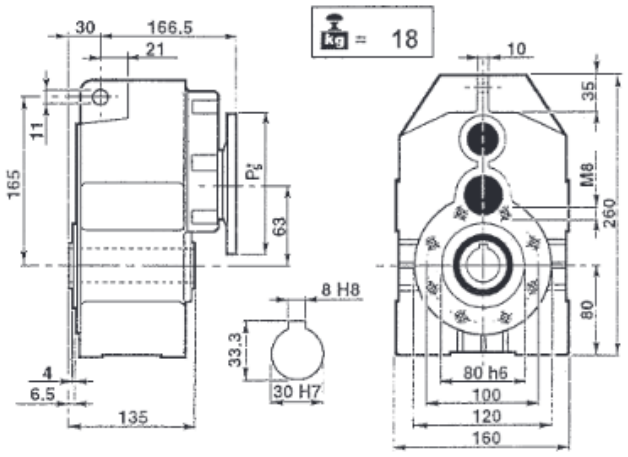
n_1	i	n_2	M_2	kW_1	HP_1	RD
2800	29.25	96	252	2.7	3.7	0.92
	37.68	74	270	2.3	3.1	0.92
	41.43	68	252	1.9	2.6	0.92
	47.53	59	180	1.2	1.6	0.92
	51.66	54	198	1.2	1.7	0.92
	58.72	48	270	1.5	2.0	0.92
	64.55	43	252	1.2	1.7	0.92
	67.37	42	198	0.9	1.3	0.92
	80.5	35	198	0.8	1.1	0.92
	83.22	34	270	1.0	1.4	0.92
	91.49	31	252	0.9	1.2	0.92
	114.09	25	198	0.6	0.8	0.92
1400	29.25	48	280	1.5	2.1	0.92
	37.68	37	300	1.3	1.7	0.92
	41.43	34	280	1.1	1.5	0.92
	47.53	29	200	0.7	0.9	0.92
	51.66	27	220	0.7	0.9	0.92
	58.72	24	300	0.8	1.1	0.92
	64.55	22	280	0.7	0.9	0.92
	67.37	21	220	0.5	0.7	0.92
	80.5	17	220	0.4	0.6	0.92
	83.22	17	300	0.6	0.8	0.92
	91.49	15	280	0.5	0.7	0.92
	114.09	12	220	0.3	0.4	0.92
900	29.25	31	308	1.1	1.5	0.92
	37.68	24	330	0.9	1.2	0.92
	41.43	22	308	0.8	1.0	0.92
	47.53	19	220	0.5	0.6	0.92
	51.66	17	242	0.5	0.7	0.92
	58.72	15	330	0.6	0.8	0.92
	64.55	14	308	0.5	0.7	0.92
	67.37	13	242	0.4	0.5	0.92
	80.5	11	242	0.3	0.4	0.92
	83.22	11	330	0.4	0.6	0.92
	91.49	10	308	0.3	0.5	0.92
	114.09	8	242	0.2	0.3	0.92

MPD 60/3

n_1	i	n_2	M_2	kW_1	HP_1	RD	sf	PAM
2800	29.25	96	138	1.50	2	0.92	1.83	19/200 - 14/160
	37.68	74	177	1.50	2	0.92	1.52	19/200 - 14/160
	41.43	66	195	1.50	2	0.92	1.29	19/200 - 14/160
	47.53	59	112	0.75	1	0.92	1.61	14/160
	51.66	54	178	1.10	1.5	0.92	1.11	19/200 - 14/160
	58.72	48	138	0.75	1	0.92	1.95	14/160
	64.55	43	152	0.75	1	0.92	1.66	14/160
	67.37	42	53	0.25	0.34	0.92	3.75	11/140
	80.5	35	189	0.75	1	0.92	1.05	14/160
	83.22	34	65	0.25	0.34	0.92	4.14	11/140
	91.49	31	72	0.25	0.34	0.92	3.51	11/140
	114.09	25	89	0.25	0.34	0.92	2.21	11/140
1400	29.25	48	138	0.75	1	0.92	2.03	19/200 - 14/160
	37.68	37	177	0.75	1	0.92	1.69	19/200 - 14/160
	41.43	34	195	0.75	1	0.92	1.44	19/200 - 14/160
	47.53	29	110	0.37	0.5	0.92	1.81	14/160
	51.66	27	243	0.75	1	0.92	0.90	19/200 - 14/160
	58.72	24	136	0.37	0.5	0.92	2.20	14/160
	64.55	22	150	0.37	0.5	0.92	1.87	14/160
	67.37	21	76	0.18	0.25	0.92	2.89	11/140
	80.5	17	187	0.37	0.50	0.92	1.18	14/160
	83.22	17	94	0.18	0.25	0.92	3.19	11/140
	91.49	15	103	0.18	0.25	0.92	2.71	11/140
	114.09	12	129	0.18	0.25	0.92	1.71	11/140
900	29.25	31	157	0.55	0.75	0.92	1.96	19/200 - 14/160
	37.68	24	202	0.55	0.75	0.92	1.63	19/200 - 14/160
	41.43	22	222	0.55	0.75	0.92	1.38	19/200 - 14/160
	47.53	19	216	0.25	0.34	0.92	1.90	14/160
	51.66	17	277	0.55	0.75	0.92	0.87	19/200 - 14/160
	58.72	15	143	0.25	0.34	0.92	2.30	14/160
	64.55	14	158	0.25	0.34	0.92	1.96	14/160
	67.37	13	79	0.12	0.16	0.92	3.07	11/140
	80.5	11	196	0.25	0.34	0.92	1.23	14/160
	83.22	11	97	0.12	0.16	0.92	3.8	11/140
	91.49	10	107	0.12	0.16	0.92	2.87	11/140
	114.09	8	134	0.12	0.16	0.92	1.81	11/140



PD 63/3



MPD 63/3

Ps*: Vedere i PAM per ogni singola versione
Ps*: See PAM size for each single version
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Ps*: Voir les PAM pour chaque version simple
Ps*: Consulte los PAM de cada versión por separado
Ps*: Ver os PAM para cada versão

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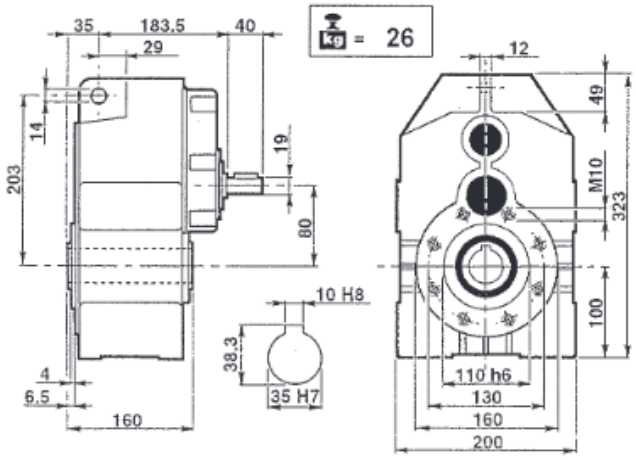
PD 80/3

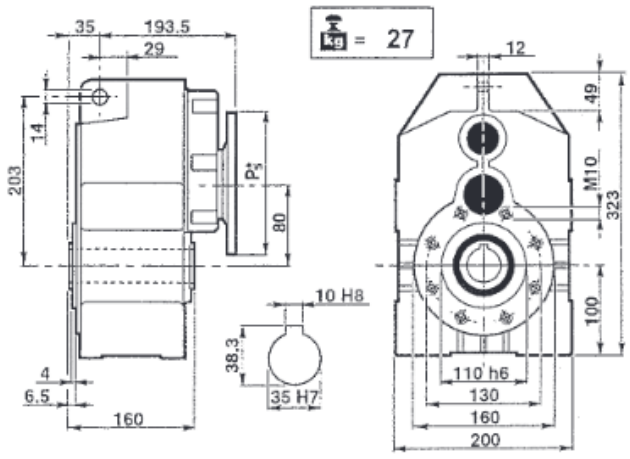
n_1	i	n_2	M_2	kW_1	HP_1	RD
2800	24.45	115	459	6.0	8.1	0.92
	31.57	89	459	4.6	6.3	0.92
	38.47	73	450	3.7	5.1	0.92
	46.91	60	432	2.9	4.0	0.92
	49.22	57	360	2.3	3.2	0.92
	56.54	50	459	2.6	3.5	0.92
	59.97	47	360	1.9	2.6	0.92
	68.95	41	441	2.0	2.8	0.92
	84.58	33	468	1.8	2.4	0.92
	88.15	32	378	1.4	1.9	0.92
	103.15	27	450	1.4	1.9	0.92
	131.86	21	378	0.9	1.2	0.92
1400	24.45	57	510	3.3	4.5	0.92
	31.57	44	510	2.6	3.5	0.92
	38.47	36	500	2.1	2.8	0.92
	46.91	30	480	1.6	2.2	0.92
	49.22	28	400	1.3	1.8	0.92
	56.54	25	510	1.4	2.0	0.92
	59.97	23	400	1.1	1.4	0.92
	68.95	20	490	1.1	1.5	0.92
	84.58	17	520	1.0	1.3	0.92
	88.15	16	420	0.8	1.0	0.92
	103.15	14	500	0.8	1.1	0.92
	131.86	11	420	0.5	0.7	0.92
900	24.45	37	561	2.4	3.2	0.92
	31.57	29	561	1.8	2.5	0.92
	38.47	23	550	1.5	2.0	0.92
	46.91	19	528	1.2	1.6	0.92
	49.22	18	440	0.9	1.2	0.92
	56.54	16	561	1.0	1.4	0.92
	59.97	15	440	0.8	1.0	0.92
	68.95	13	539	0.8	1.1	0.92
	84.58	11	572	0.7	0.9	0.92
	88.15	10	462	0.5	0.7	0.92
	103.15	9	550	0.5	0.7	0.92
	131.86	7	462	0.4	0.5	0.92

MPD 80/3

n_1	i	n_2	M_2	kW_1	HP_1	RD	sf	PAM
2800	24.45	115	169	2.2	3	0.92	2.72	24/200 - 19/200
	31.57	89	218	2.2	3	0.92	2.11	24/200 - 19/200
	38.47	73	362	3.0	4	0.92	1.24	28/250 - 24/200
	46.91	60	442	3.0	4	0.92	0.98	28/250 - 24/200
	49.22	57	340	2.2	3	0.92	1.06	24/200 - 19/200
	56.54	50	390	2.2	3	0.92	1.18	24/200 - 19/200
	59.97	47	282	1.5	2	0.92	1.28	28/250 - 24/200
	68.95	41	325	1.5	2	0.92	1.36	24/200 - 19/200
	84.58	33	199	0.75	1	0.92	2.35	14/160
	88.15	32	304	1.1	1.5	0.92	1.24	24/200 - 19/200
	103.15	27	243	0.75	1	0.92	1.85	14/160
	131.86	21	310	0.75	1	0.92	1.22	14/160
1400	24.45	57	276	1.8	2.5	0.92	1.85	24/200 - 19/200
	31.57	44	357	1.8	2.5	0.92	1.43	24/200 - 19/200
	38.47	36	531	2.2	3.0	0.92	0.94	28/250 - 24/200
	46.91	30	442	1.5	2.0	0.92	1.09	28/250 - 24/200
	49.22	28	340	1.1	1.5	0.92	1.18	24/200 - 19/200
	56.54	25	390	1.1	1.5	0.92	1.31	24/200 - 19/200
	59.97	23	414	1.1	1.5	0.92	0.97	28/250 - 24/200
	68.95	20	476	1.1	1.5	0.92	1.03	24/200 - 19/200
	84.58	17	196	0.37	0.5	0.92	2.65	14/160
	88.15	16	415	0.75	1.0	0.92	1.01	24/200 - 19/200
	103.15	14	240	0.37	0.5	0.92	2.09	14/160
	131.86	11	306	0.37	0.5	0.92	1.37	14/160
900	24.45	37	263	1.1	1.5	0.92	2.14	24/200 - 19/200
	31.57	29	339	1.1	1.5	0.92	1.65	24/200 - 19/200
	38.47	23	563	1.5	2.0	0.92	0.98	28/250 - 24/200
	46.91	19	504	1.1	1.5	0.92	1.05	28/250 - 24/200
	49.22	18	360	0.75	1.0	0.92	1.22	24/200 - 19/200
	56.54	16	414	0.75	1.0	0.92	1.36	24/200 - 19/200
	59.97	15	439	0.75	1.0	0.92	1.00	28/250 - 24/200
	68.95	13	505	0.75	1.0	0.92	1.07	24/200 - 19/200
	84.58	11	206	0.25	0.34	0.92	2.77	14/160
	88.15	10	473	0.55	0.75	0.92	0.89	24/200 - 19/200
	103.15	9	252	0.25	0.34	0.92	2.18	14/160
	131.86	7	322	0.25	0.34	0.92	1.44	14/160



PD 80 /3



MPD 80/3

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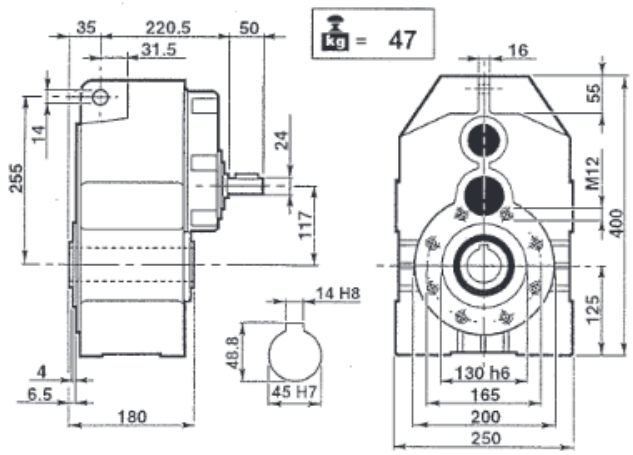
PD 100/3

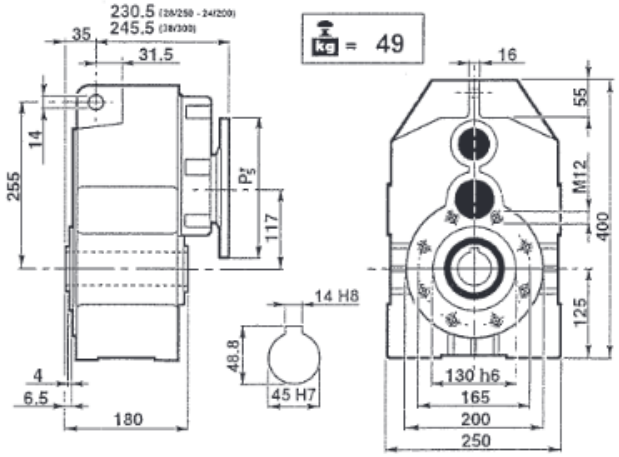
n_1	i	n_2	M_2	kW_1	HP_1	RD
2800	21.40	131	810	12.1	16.4	0.92
	25.68	109	900	11.2	15.2	0.92
	33.16	84	882	8.5	11.5	0.92
	37.74	74	918	7.8	10.5	0.92
	40.44	69	882	7.0	9.5	0.92
	48.74	57	900	5.9	8.0	0.92
	52.70	53	720	4.4	5.9	0.92
	59.44	47	900	4.8	6.6	0.92
	72.91	38	918	4.0	5.5	0.92
	77.47	36	720	3.0	4.0	0.92
	88.91	31	918	3.3	4.5	0.92
	115.88	24	720	2.0	2.7	0.92
1400	21.40	65	900	6.7	9.1	0.92
	25.68	55	1000	6.2	8.4	0.92
	33.16	42	980	4.7	6.4	0.92
	37.74	37	1020	4.3	5.9	0.92
	40.44	35	980	3.9	5.3	0.92
	48.74	29	1000	3.3	4.4	0.92
	52.70	27	800	2.4	3.3	0.92
	59.44	24	1000	2.7	3.6	0.92
	72.91	19	1020	2.2	3.0	0.92
	77.47	18	800	1.6	2.2	0.92
	88.91	16	1020	1.8	2.5	0.92
	115.88	12	800	1.1	1.5	0.92
900	21.40	42	990	4.7	6.4	0.92
	25.68	35	1100	4.4	6.0	0.92
	33.16	27	1078	3.3	4.5	0.92
	37.74	24	1122	3.0	4.1	0.92
	40.44	22	1078	2.7	3.7	0.92
	48.74	18	1100	2.3	3.1	0.92
	52.70	17	880	1.7	2.3	0.92
	59.44	15	1100	1.9	2.6	0.92
	72.91	12	1122	1.6	2.1	0.92
	77.47	12	880	1.2	1.6	0.92
	88.91	10	1122	1.3	1.8	0.92
	115.88	8	880	0.8	1.1	0.92

MPD 100/3

n_1	i	n_2	M_2	kW_1	HP_1	RD	sf	PAM
2800	21.40	131	369	5.5	7.5	0.92	2.19	28/250 - 24/200
	25.68	109	443	5.5	7.5	0.92	2.03	28/250 - 24/200
	33.16	84	572	5.5	7.5	0.92	1.54	28/250 - 24/200
	37.74	74	261	2.2	3.0	0.92	3.52	24/200 - 19/200
	40.44	69	698	5.5	7.5	0.92	1.26	28/250 - 24/200
	48.74	57	336	2.2	3.0	0.92	2.67	24/200 - 19/200
	52.70	53	661	4.0	5.5	0.92	1.09	28/250 - 24/200
	59.44	47	410	2.2	3	0.92	2.19	24/200 - 19/200
	72.91	38	343	1.5	2	0.92	2.68	14/160
	77.47	36	535	2.2	3	0.92	1.35	24/200 - 19/200
	88.91	31	418	1.5	2.	0.92	2.19	14/160
	115.88	24	545	1.5	2	0.92	1.32	14/160
1400	21.40	65	537	4.0	5.5	0.92	1.68	28/250 - 24/200
	25.68	55	645	4.0	5.5	0.92	1.55	28/250 - 24/200
	33.16	42	832	4.0	5.5	0.92	1.18	28/250 - 24/200
	37.74	37	426	1.8	2.5	0.92	2.39	24/200 - 19/200
	40.44	35	1015	4.0	5.5	0.92	0.97	28/250 - 24/200
	48.74	29	551	1.8	2.5	0.92	1.82	24/200 - 19/200
	52.70	27	728	2.2	3.0	0.92	1.10	28/250 - 24/200
	59.44	24	671	1.8	2.5	0.92	1.49	24/200 - 19/200
	72.91	19	343	0.75	1.0	0.92	2.97	14/160
	77.47	18	729	1.50	2.0	0.92	1.10	24/200 - 19/200
	88.91	16	418	0.75	1.0	0.92	2.44	14/160
	115.88	12	545	0.75	1.0	0.92	1.47	14/160
900	21.40	42	460	2.2	3.0	0.92	2.15	28/250 - 24/200
	25.68	35	552	2.2	3.0	0.92	1.99	28/250 - 24/200
	33.16	27	712	2.2	3.0	0.92	1.51	28/250 - 24/200
	37.74	24	405	1.1	1.5	0.92	2.77	24/200 - 19/200
	40.44	22	869	2.2	3	0.92	1.24	28/250 - 24/200
	48.74	18	523	1.1	1.5	0.92	2.10	24/200 - 19/200
	52.70	17	926	1.8	2.5	0.92	0.95	28/250 - 24/200
	59.44	15	638	1.1	1.5	0.92	1.72	24/200 - 19/200
	72.91	12	391	0.55	0.75	0.92	2.87	14/160
	77.47	12	832	1.1	1.5	0.92	1.06	24/200 - 19/200
	88.91	10	477	0.55	0.75	0.92	2.35	14/160
	115.88	8	622	0.55	0.75	0.92	1.41	14/160



PD 100/3



MPD 100/3

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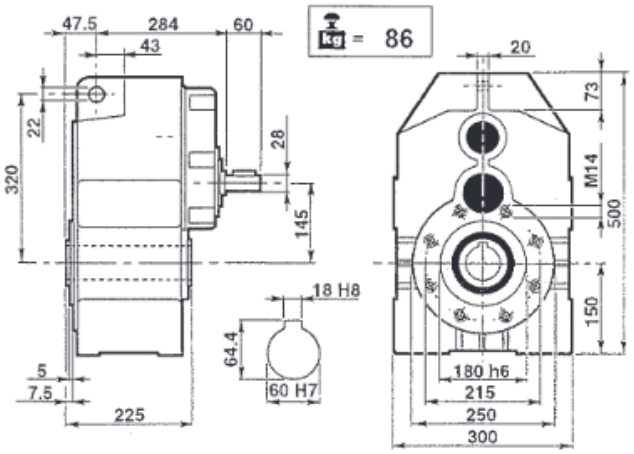
PD 125/3

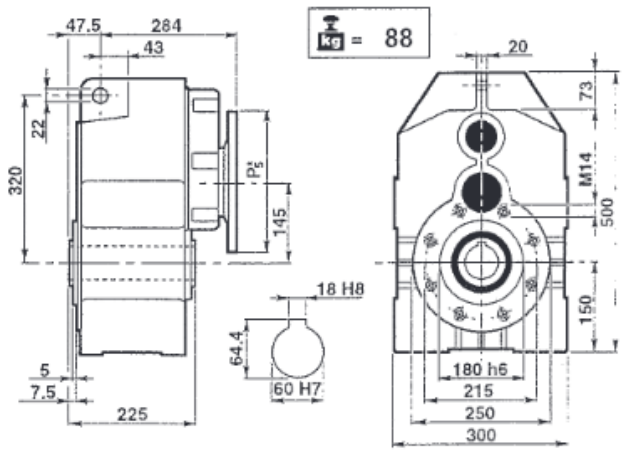
n_1	i	n_2	M_2	kW_1	HP_1	RD
2800	26.47	106	1890	22.8	30.9	0.92
	30.32	92	1395	14.7	19.9	0.92
	34.08	82	1800	16.8	22.9	0.92
	38.46	73	1656	13.7	18.7	0.92
	41.49	67	1620	12.4	16.9	0.92
	47.25	59	1395	9.4	12.8	0.92
	53.11	53	1818	10.9	14.8	0.92
	59.60	47	1890	10.1	13.7	0.92
	64.66	43	1638	8.1	11.0	0.92
	73.22	38	1395	6.1	8.3	0.92
	93.42	30	1665	5.7	7.7	0.92
	105.79	26	1395	4.2	5.7	0.92
1400	26.47	53	2100	12.6	17.2	0.92
	30.32	46	1550	8.1	11.1	0.92
	34.08	41	2000	9.4	12.7	0.92
	38.46	36	1840	7.6	10.4	0.92
	41.49	34	1800	6.9	9.4	0.92
	47.25	30	1550	5.2	7.1	0.92
	53.11	26	2020	6.1	8.2	0.92
	59.60	23	2100	5.6	7.6	0.92
	64.66	22	1820	4.5	6.1	0.92
	73.22	19	1550	3.4	4.6	0.92
	93.42	15	1850	3.2	4.3	0.92
	105.79	13	1550	2.3	3.2	0.92
900	26.47	34	2310	8.9	12.2	0.92
	30.32	30	1705	5.8	7.8	0.92
	34.08	26	2200	6.6	9.0	0.92
	38.46	23	2024	5.4	7.3	0.92
	41.49	22	1980	4.9	6.6	0.92
	47.25	19	1705	3.7	5.0	0.92
	53.11	17	2222	4.3	5.8	0.92
	59.60	15	2310	4.0	5.4	0.92
	64.66	14	2002	3.2	4.3	0.92
	73.22	12	1705	2.4	3.2	0.92
	93.42	10	2035	2.2	3.0	0.92
	105.79	9	1705	1.7	2.2	0.92

MPD 125/3

n_1	i	n_2	M_2	kW_1	HP_1	RD	sf	PAM
2800	26.47	106	914	11	15	0.92	2.07	38/300
	30.32	92	1047	11	15	0.92	1.33	38/300
	34.08	82	1176	11	15	0.92	1.53	38/300
	38.46	73	664	5.5	7.5	0.92	2.49	19/200
	41.49	67	1432	11	15	0.92	1.13	38/300
	47.25	59	815	5.5	7.5	0.92	1.71	28/250
	53.11	53	917	5.5	7.5	0.92	1.98	28/250
	59.60	47	1029	5.5	7.5	0.92	1.84	19/200
	64.66	43	1116	5.5	7.5	0.92	1.47	28/250
	73.22	38	1264	5.5	7.5	0.92	1.10	28/250
	93.42	30	1612	5.5	7.5	0.92	1.03	19/200
	105.79	26	1328	4.0	7.5	0.92	1.05	19/200
1400	26.47	53	1827	11	15	0.92	1.15	38/300
	30.32	46	1751	9.2	12.5	0.92	0.89	38/300
	34.08	41	1968	9.2	12.5	0.92	1.02	38/300
	38.46	36	965	4.0	5.5	0.92	1.91	19/200
	41.49	34	1432	5.5	7.48	0.92	1.26	38/300
	47.25	30	1188	4.0	5.5	0.92	1.31	28/250
	53.11	26	1333	4.0	5.5	0.92	1.52	28/250
	59.60	23	1496	4.0	5.5	0.92	1.40	19/200
	64.66	22	1623	4.0	5.5	0.92	1.12	28/250
	73.22	19	1379	3.0	4.0	0.92	1.12	28/250
	93.42	15	1759	3.0	4.0	0.92	1.05	19/200
	105.79	13	1461	2.2	3.0	0.92	1.06	19/200
900	26.47	34	1421	5.5	7.5	0.92	1.63	38/300
	30.32	30	1628	5.5	7.5	0.92	1.05	38/300
	34.08	26	1830	5.5	7.5	0.92	1.20	38/300
	38.46	23	826	2.2	3.0	0.92	2.45	19/200
	41.49	22	1620	4.0	5.5	0.92	1.22	38/300
	47.25	19	1015	2.2	3	0.92	1.68	28/250
	53.11	17	1141	2.2	3	0.92	1.95	28/250
	59.60	15	1280	2.2	3	0.92	1.80	19/200
	64.66	14	1389	2.2	3	0.92	1.44	28/250
	73.22	12	1573	2.2	3	0.92	1.08	28/250
	93.42	10	2006	2.2	3	0.92	1.01	19/200
	105.79	9	1549	1.5	2	0.92	1.10	19/200



PD 125/3



MPD 125/3

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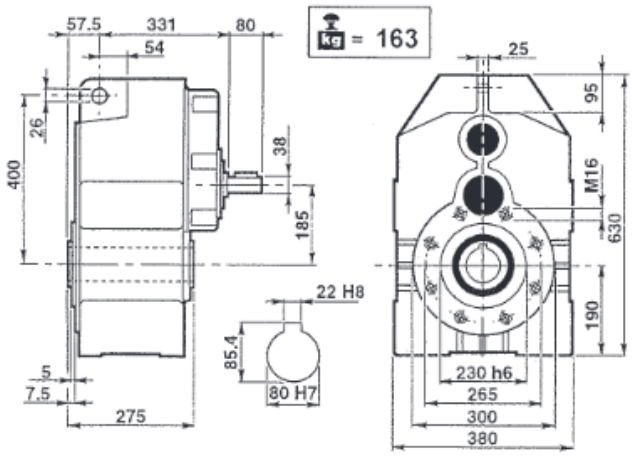
PD 160/3

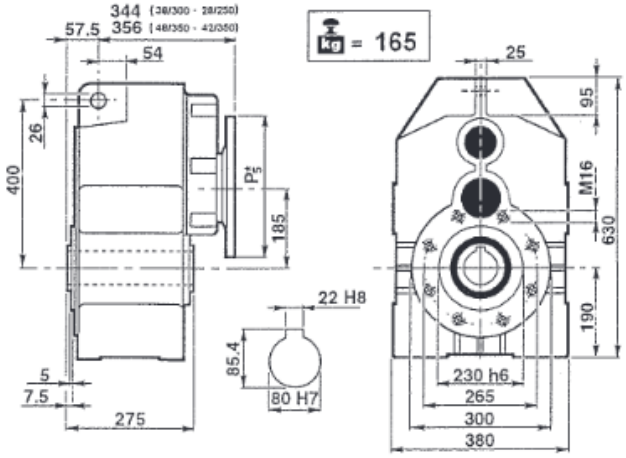
n_1	i	n_2	M_2	kW_1	HP_1	RD
2800	34.24	82	3240	30.2	41.0	0.92
	39.47	71	2988	24.1	32.8	0.92
	41.78	67	3240	24.7	33.6	0.92
	50.46	55	2880	18.2	24.7	0.92
	53.36	52	3258	19.5	26.5	0.92
	58.57	48	3015	16.4	22.3	0.92
	65.07	43	3258	16.0	21.7	0.92
	71.52	39	2880	12.8	17.5	0.92
	75.63	37	3285	13.8	18.8	0.92
	83.19	34	2880	11.0	15.0	0.92
	92.23	30	3285	11.4	15.4	0.92
	117.9	24	2880	7.8	10.6	0.92
1400	34.24	41	3600	16.8	22.8	0.92
	39.47	35	3320	13.4	18.2	0.92
	41.78	34	3600	13.7	18.7	0.92
	50.46	28	3200	10.1	13.7	0.92
	53.36	26	3620	10.8	14.7	0.92
	58.57	24	3350	9.1	12.4	0.92
	65.07	22	3620	8.9	12.1	0.92
	71.52	20	3200	7.1	9.7	0.92
	75.63	19	3650	7.7	10.5	0.92
	83.19	17	3200	6.1	8.3	0.92
	92.23	15	3650	6.3	8.6	0.92
	117.9	12	3200	4.3	5.9	0.92
900	34.24	26	3960	11.8	16.1	0.92
	39.47	23	3652	9.5	12.9	0.92
	41.78	22	3960	9.7	13.2	0.92
	50.46	18	3520	7.1	9.7	0.92
	53.36	17	3982	7.6	10.4	0.92
	58.57	15	3685	6.4	8.8	0.92
	65.07	14	3982	6.3	8.5	0.92
	71.52	13	3520	5.0	6.9	0.92
	75.63	12	4015	5.4	7.4	0.92
	83.19	11	3520	4.3	5.9	0.92
	92.23	10	4015	4.5	6.1	0.92
	117.9	8	3520	3.1	4.2	0.92

MPD 160/3

n_1	i	n_2	M_2	kW_1	HP_1	RD	sf	PAM
2800	34.24	82	2686	25	34	0.92	1.21	48/350 - 42/350
	39.47	71	1362	11	15	0.92	2.19	38/300
	41.78	67	3276	25	34	0.92	0.99	48/350 - 42/350
	50.46	55	1742	11	15	0.92	1.65	38/300
	53.36	52	1842	11	15	0.92	1.77	38/300
	58.57	48	1011	5.5	7.5	0.92	2.98	28/250
	65.07	43	2246	11	15	0.92	1.45	38/300
	71.52	39	1234	5.5	7.5	0.92	2.33	28/250
	75.63	37	1305	5.5	7.5	0.92	2.52	28/250
	83.19	34	2871	11	15	0.92	1.00	38/300
	92.23	30	1592	5.5	7.5	0.92	2.06	28/250
	117.9	24	2035	5.5	7.5	0.92	1.42	28/250
1400	34.24	41	3223	15	20	0.92	1.12	48/350 - 42/350
	39.47	35	2725	11	15	0.92	1.22	38/300
	41.78	34	3931	15	20	0.92	0.92	48/350 - 42/350
	50.46	28	2913	9.2	12.5	0.92	1.10	38/300
	53.36	26	3081	9.2	12.5	0.92	1.18	38/300
	58.57	24	1470	4.0	5.5	0.92	2.28	28/250
	65.07	22	3063	7.5	10	0.92	1.18	38/300
	71.52	20	1795	4.0	5.5	0.92	1.78	28/250
	75.63	19	1899	4.0	5.5	0.92	1.92	28/250
	83.19	17	2871	5.5	7.5	0.92	1.11	38/300
	92.23	15	2315	4.0	5.5	0.92	1.58	28/250
	117.9	12	2960	4.0	5.5	0.92	1.08	28/250
900	34.24	26	3677	11	15	0.92	1.08	48/350 - 42/350
	39.47	23	2119	5.5	7.5	0.92	1.72	38/300
	41.78	22	3058	7.5	10	0.92	1.30	48/350 - 42/350
	50.46	18	2709	5.5	7.5	0.92	1.30	38/300
	53.36	17	2865	5.5	7.5	0.92	1.39	38/300
	58.57	15	1258	2.2	3.0	0.92	2.93	28/250
	65.07	14	3494	5.50	7.5	0.92	1.14	38/300
	71.52	13	1536	2.2	3.0	0.92	2.29	28/250
	75.63	12	1624	2.2	3.0	0.92	2.47	28/250
	83.19	11	3248	4.0	5.5	0.92	1.08	38/300
	92.23	10	1981	2.2	3.0	0.92	2.03	28/250
	117.9	8	2532	2.2	3.0	0.92	1.39	28/250



PD 160/3



MPD 160/3

P_5*: Vedere i PAM per ogni singola versione
P_5*: See PAM size for each single version
P_5*: Siehe PAM Größe für jede Ausführung
P_5*: Voir les PAM pour chaque version simple
P_5*: Consulte los PAM de cada versión por separado
P_5*: Ver os PAM para cada versão

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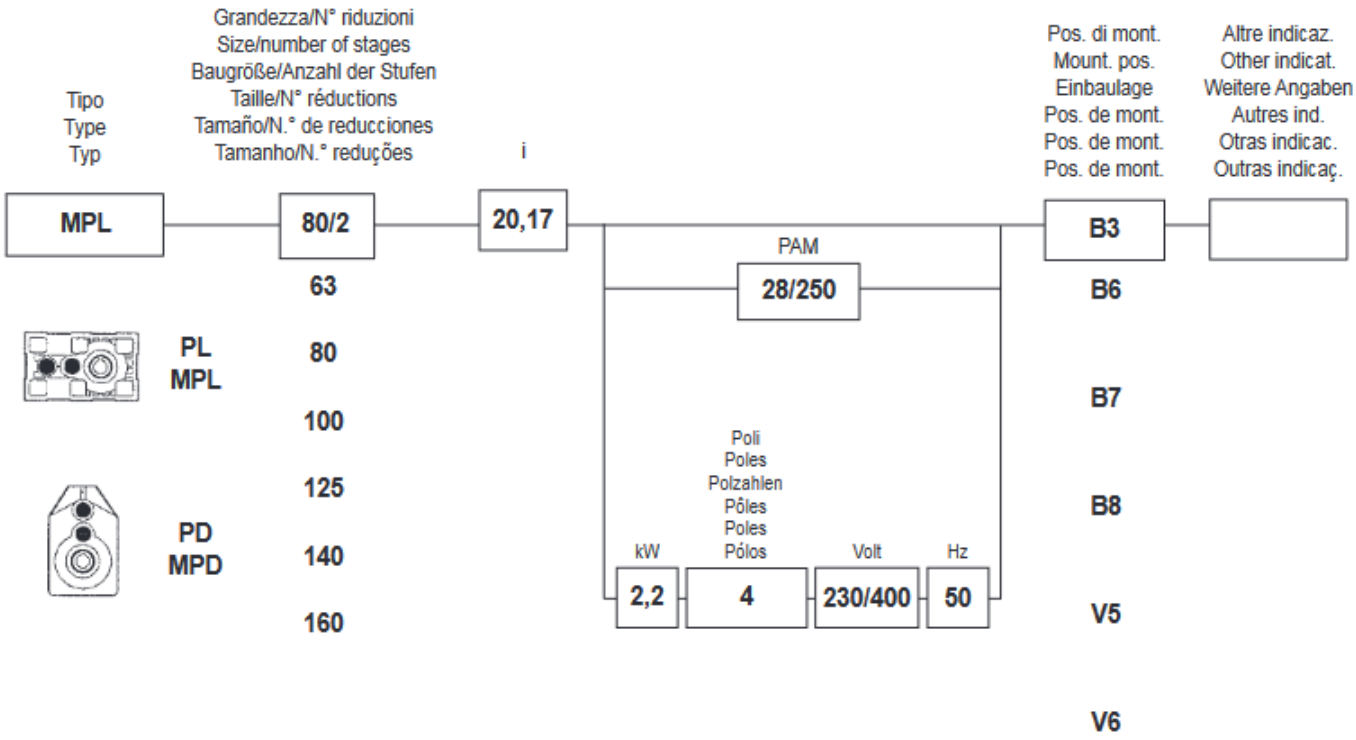
Технические данные:

Система обозначений



IT
Precisare eventuali particolarità:
- albero lento semplice
- albero lento doppio
- flangia uscita
- ecc...

EN
Clarify possible options:
- single output shaft
- double output shaft
- output flange
- etc...

DE
Eventuelle Sonderausührungen zeigen:
- Einseitige Steckwelle
- Doppelseitige Steckwelle
- Abtriebsflansche
- etc...

FR
Préciser d'éventuelles spécificités :
- arbre petite vitesse simple
- arbre petite vitesse double
- bride sortie
- etc...

ES
Especificar posibles particularidades:
- Eje lento simple
- Eje lento doble
- Brida de salida
- etc...

PT
Especificar eventuais particularidades:
- eixo de saída simples
- eixo de saída duplo
- flange saída
- etc...

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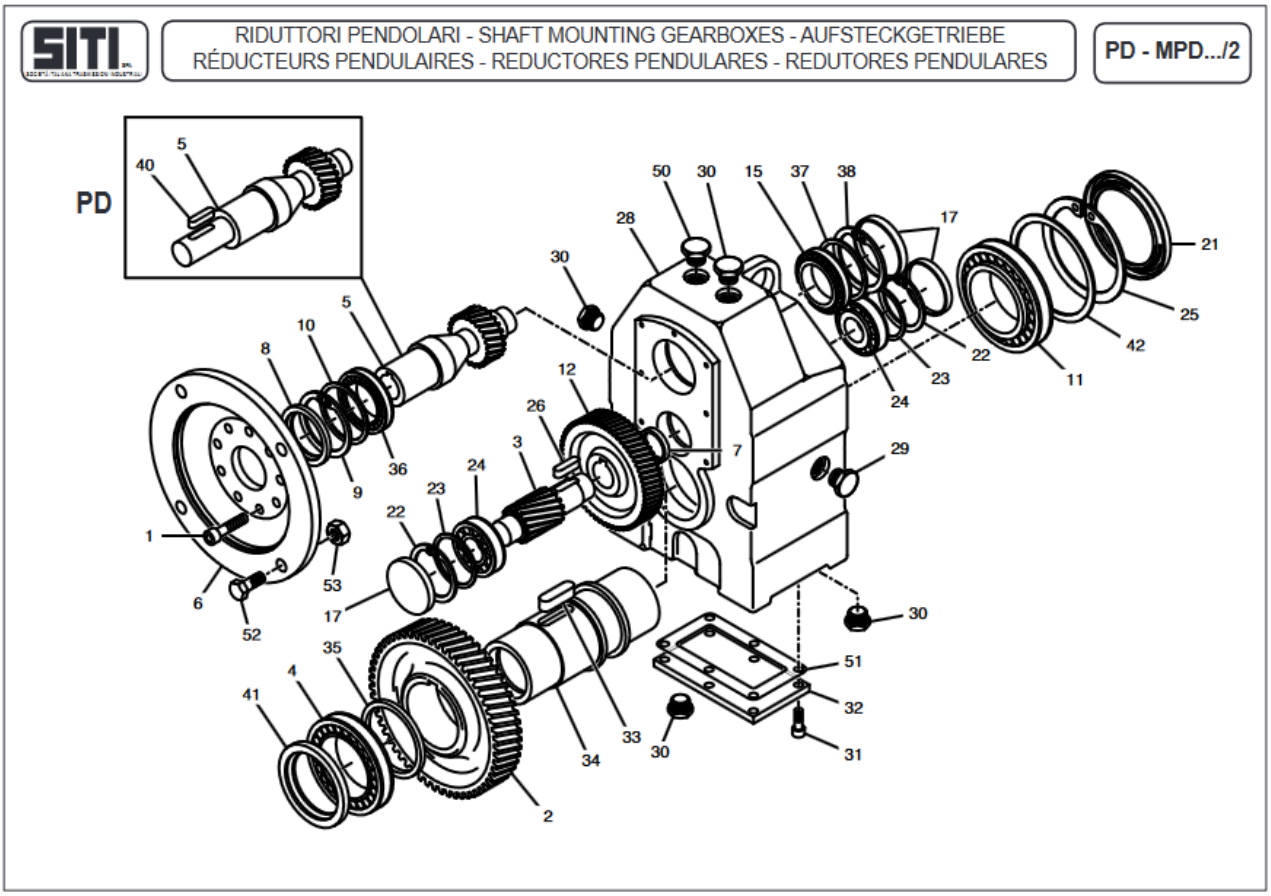
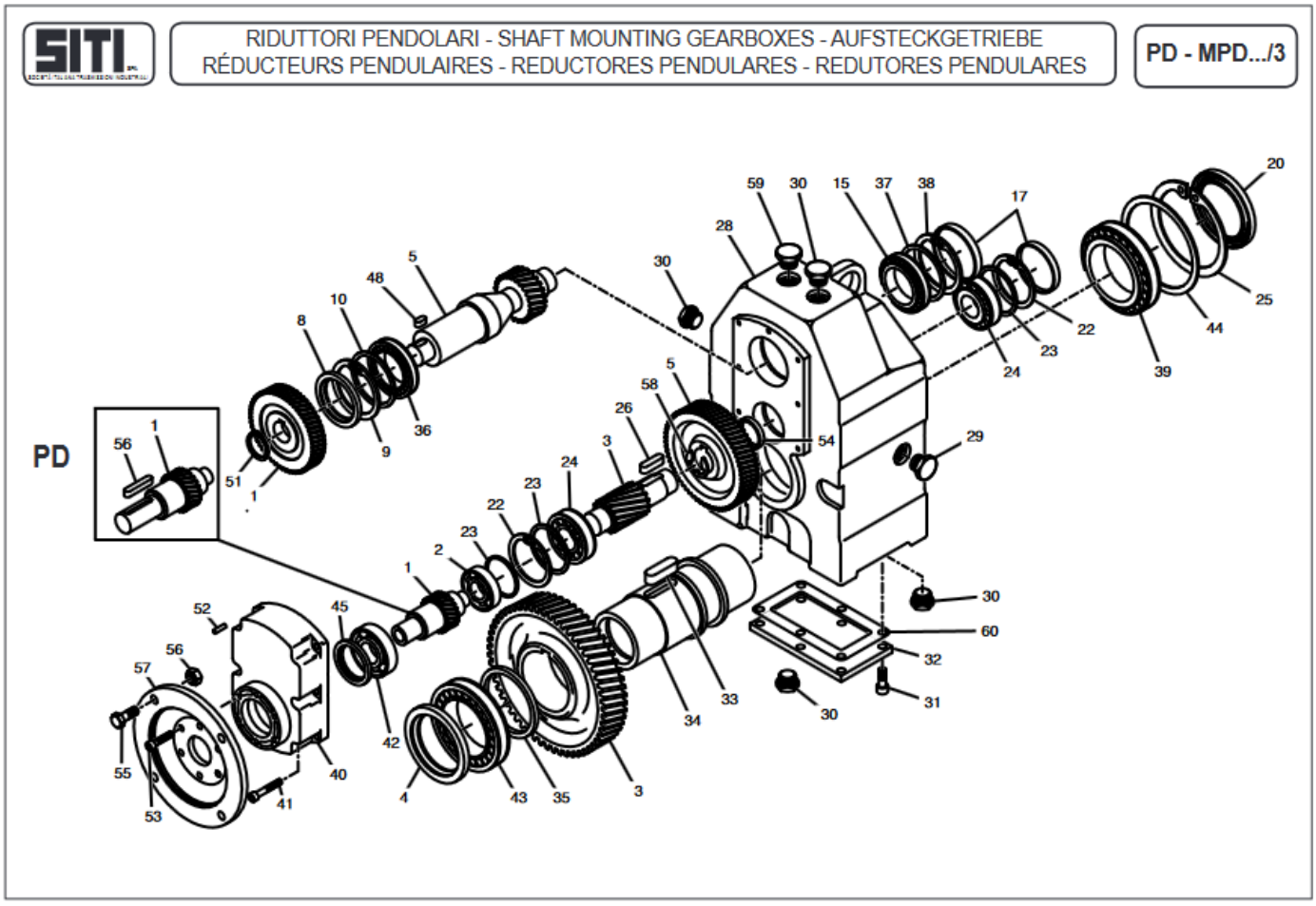
Деталировка редуктора:





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Количество масла:

LUBRIFICAZIONE (IT)

Tutti i riduttori PL e PD provvisti di precoppia (PL../3, e PD../3) vengono da noi forniti con la precoppia già lubrificata e quindi non richiedono alcun riempimento da parte dei clienti.
Viene utilizzato l'olio minerale tipo ISO VG 220.
I riduttori PL e PD a due stadi di riduzione, così come la carcassa principale nei riduttori con precoppia vengono invece forniti privi di olio, e la relativa lubrificazione è a cura dei clienti.
Per il tipo di olio, si raccomanda di attenersi scrupolosamente alle tabelle dei lubrificanti (vedi sezione "Informazioni tecniche generali").

LUBRICATION (EN)

All PL and PD gearboxes provided with the primary reduction (PL../3, and PD../3) are supplied with the primary reduction already pre-lubricated in-house, and therefore do not require any filling with oil by the customer.
It is used mineral oil type ISO VG 220.
On the contrary, PL and PD gearboxes with 2 stages of reduction, as well as the main housing in the versions with primary reduction are supplied without oil, and the relative lubrication is at customer's account.
For the selection of oil, we recommend to strictly adhere to the tables of lubricant (see section "General technical information").

SCHMIERUNG (DE)

Bei allen Getrieben der Type PL und PD mit Vorstufe (PL../3 und PD../3), wird die Vorstufe bereits vom Hersteller aus mit Schmiermittel geliefert, so daß von Kundenseite her kein zusätzliches Schmiermittel in die Vorstufe einzufüllen ist. Hierbei wird ein Mineralöl von Shell der Type ISO VG 220 verwendet.
Die zweistufigen PL und PD Getriebe sowie die Hauptgehäuse der Vorstufengetriebe werden alle ohne jegliches Schmiermittel geliefert. Es ist somit Aufgabe des Kunden, diese vor der Inbetriebnahme mit Öl zu füllen.
Fuer die Schmiermittelauslegung, empfehlen wir, vollstaendig die Schmiermitteltabellen zu beruecksichtigen (siehe die Sektion "Allgemeine technische Informationen").

LUBRIFICATION (FR)

Tous les réducteurs PL et PD équipés en précouple (PL../3 et PD../3) sont fournis avec le précouple déjà lubrifié et ils n'exigent donc aucun remplissage par les clients.
On utilise l'huile minérale type ISO VG 220.
Les réducteurs PL et PD à deux étages de réduction, tout comme la carcasse principale dans les réducteurs avec précouple sont fournis sans huile et la lubrification relative est à la charge des clients.
Pour le type d'huile, il est recommandé de suivre scrupuleusement les tableaux des lubrifiants (voir la section "Informations techniques générales").

LUBRICACIÓN (ES)

Todos los reductores PL y PD dotados de prerreductor (PL../3 y PD../3) se suministran con un prerreductor previamente lubricado, por lo que no requieren rellenado alguno por parte de los clientes.
Se emplea aceite mineral tipo ISO VG 220.
Sin embargo, los reductores PL y PD de dos etapas de reducción, así como la carcasa principal de los reductores con prerreductor, se suministran sin aceite, y su lubricación corre a cargo del cliente.
Se recomienda respetar al pie de la letra el tipo de aceite indicado en las tablas de lubricantes (véase la sección "Información técnica general").

LUBRIFICAÇÃO (PT)

Todos os redutores PL e PD com pré-redutores (PL../3, e PD../3) são fornecidos com o pré-redutor já lubrificado e, portanto, não requerem nenhum enchimento por parte dos clientes.
É utilizado o óleo mineral tipo ISO VG 220.
Os redutores PL e PD de dois estágios de redução, assim como a carcaça principal nos redutores com pré-redutor são fornecidos sem óleo e a respectiva lubrificação está a cargo dos clientes.
Para o tipo de óleo, recomendamos atentar-se rigorosamente a tabela dos lubrificantes (veja a seção "Informações técnicas gerais").

Quantità di olio (litri) (IT) — **Amount of oil (litres)** (EN) — **Ölmenge (Liter)** (DE)

Quantité d'huile (litres) (FR) — **Cantidad de aceite (litros)** (ES) — **Quantidade de óleo (litros)** (PT)

Pos. di mont. / Mount. pos. / Einbaulage / Pos. de mont. / Pos. de mont. / Pos. de mont.	PL... Carcassa principale / Main housing / Hauptgehäuse Carcasse principale / Carcasa principal / Carcaça principal				
	63	80	100	125	160
B3 - B8	0.9	1.5	2.8	5.6	10
B6	1.4	2.1	4.0	7.6	12.5
B7	1.1	1.8	3.6	7.0	11.7
V5 - V6	1.2	1.9	3.8	7.2	12.0

PL.../3 Precoppia prelubrificata / Pre-lubricated first reduction stage Bereits geschmierte Vorstufe / Précouple prélubrifié Prerreductor prelubricado / Pré-redutor pré-lubrificado				
63	80	100	125	160
0.2	0.3	0.4	0.6	0.8

Pos. di mont. / Mount. pos. / Einbaulage / Pos. de mont. / Pos. de mont. / Pos. de mont.	PD... Carcassa principale / Main housing / Hauptgehäuse Carcasse principale / Carcasa principal / Carcaça principal				
	63	80	100	125	160
B3	1.1	1.6	2.8	5.5	10
B6 - B7	0.8	1.4	2.6	5.3	9.8
B8	1.0	1.7	3.5	6.6	11.2
V5 - V6	1.1	1.8	3.6	6.8	11.6

PD.../3 Precoppia prelubrificata / Pre-lubricated first reduction stage Bereits geschmierte Vorstufe / Précouple prélubrifié Prerreductor prelubricado / Pré-redutor pré-lubrificado				
63	80	100	125	160
0.2	0.3	0.4	0.6	0.8

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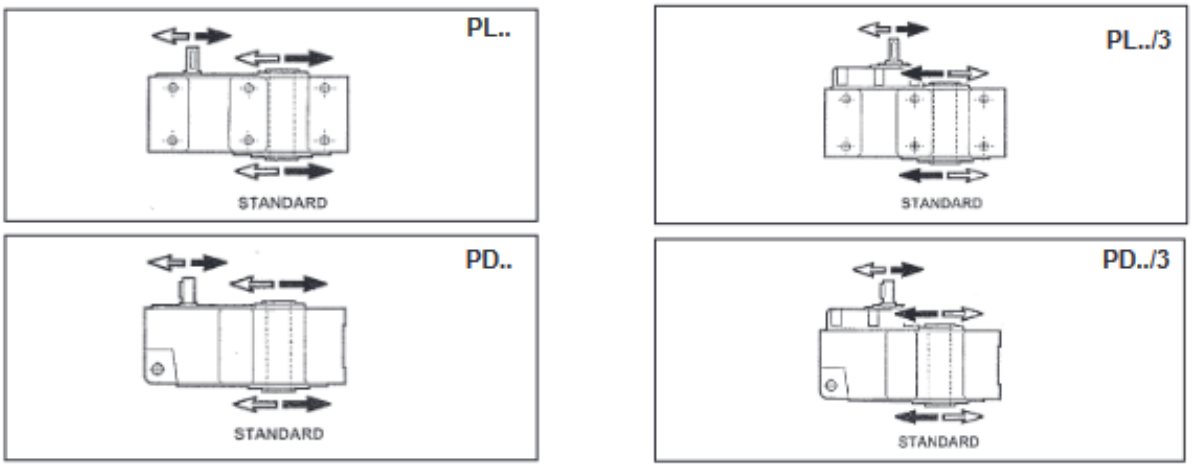
Монтажные положения:

SENSO DI ROTAZIONE (IT) | **DIRECTION OF ROTATION (EN)** | **DREHRICHTUNG (DE)**

SENS DE ROTATION (FR) | **SENTIDO DE ROTACION (ES)** | **SENTIDO DE ROTAÇÃO (PT)**



POSIZIONI DI MONTAGGIO (IT)

Si consiglia di prestare la massima attenzione alla posizione di montaggio in cui si troverà a lavorare il riduttore. Per molte posizioni, infatti, è prevista un'apposita lubrificazione del riduttore e dei cuscinetti, senza la quale non è garantita la normale durata del riduttore stesso. In mancanza di indicazioni specifiche il riduttore verrà fornito idoneo per il montaggio standard B3.

MOUNTING POSITION (EN)

We recommend to pay the greatest attention to the gearbox installation and operating position. Actually, for several mounting positions a specific lubrication of the gearbox and its bearings is required, otherwise the expected service life of the gearbox would not be assured. Without any specific indication by the customer, the gearbox will be supplied suitable for the B3 standard mounting position.

EINBAULAGEN (DE)

Man sollte immer sehr genau auf die Einbaulage beachten, wobei das Getriebe in Betrieb sein wird.
Tatsächlich, ist für viele Einbaulagen eine Sonderschmierung des Getriebes und seiner Lager vorgesehen, andernfalls kann die normale Lebensdauer des Getriebes nicht gewährleistet werden. Soweit eine spezifische Anfrage nicht vorhanden ist, wird das Getriebe für die Standard-Einbaulage B3 geliefert.

POSITIONS DE MONTAGE (FR)

Il est conseillé de prêter la plus haute attention à la position de montage dans laquelle le réducteur se trouvera à travailler. Pour beaucoup de positions, en effet, il faut prévoir une lubrification du réducteur et des roulements, sans quoi la durée de vie normale du réducteur n'est pas garantie. À défaut d'indications spécifiques le réducteur sera fourni adapté pour le montage standard B3.

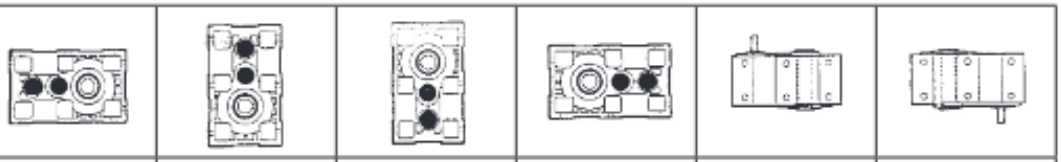
POSICIONES DE MONTAJE (ES)

Se aconseja prestar la máxima atención a la posición de montaje en la que trabajará el reductor. Para muchas posiciones, de hecho, está prevista una correspondiente lubricación del reductor y de los cojinetes, sin la cual no se garantiza una duración normal del propio reductor. Si no existen indicaciones específicas, el reductor se suministra en condiciones idóneas para el montaje estándar B3.

POSIÇÕES DE MONTAGEM (PT)

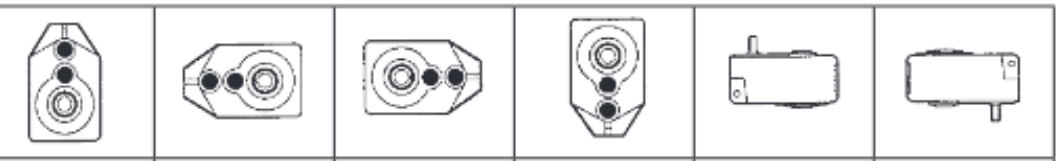
Aconselhamos a prestar a máxima atenção para a posição de montagem onde o redutor irá trabalhar. Para muitas posições está prevista uma lubrificação própria do redutor e dos rolamentos sem a qual não é assegurada a normal duração do próprio redutor. Na falta de indicações específicas o redutor será fornecido pronto para a montagem standard B3.

PL
PL.../3



B3	B6	B7	B8	V5	V6

PD
PD.../3



B3	B6	B7	B8	V5	V6