

Model	Version	Axle Arrangement	Construction Type	vMax	Power	P/m	Remarks	Bahn	privat	Demo
DB: Deutsche Bahn AG ab 1992										
101	101	Bo'Bo' e	Electric engine	220 km/h	6520 kW	73,5 kW/t		x	-	-
103	E03	Co'Co' e	Electric engine	200 km/h	6200 kW	47,7 kW/t		x	x	x
109	E11	Bo'Bo' e	Electric engine	120 km/h	2920 kW	33,8 kW/t		x	x	x
110	E10	Bo'Bo' e	Electric engine	140 km/h	3700 kW	39,7 kW/t		x	x	x
111	111 Rz.	Bo'Bo' e	Electric engine	160 km/h	3620 kW	40,6 kW/t		x	x	x
112	212	Bo'Bo' e	Electric engine	160 km/h	4220 kW	48,7 kW/t		x	x	x
113	E12	Bo'Bo' e	Electric engine	160 km/h	3700 kW	39,7 kW/t		x	-	-
114	212	Bo'Bo' e	Electric engine	160 km/h	4220 kW	48,7 kW/t		x	x	x
115	E10	Bo'Bo' e	Electric engine	140 km/h	3700 kW	39,7 kW/t		x	x	x
120	120 .1	Bo'Bo' e	Electric engine	200 km/h	5710 kW	66,6 kW/t		x	-	-
121	120 .1	Bo'Bo' e	Electric engine	200 km/h	5710 kW	66,6 kW/t		x	-	-
127	ES64P "EuroSprinter"	Bo'Bo' e	Electric engine	230 km/h	6400 kW	72,2 kW/t		x	-	-
128	12X	Bo'Bo' e	Electric engine	220 km/h	6400 kW	73,9 kW/t		x	x	-
139	E40	Bo'Bo' e	Electric engine	110 km/h	3700 kW	39,6 kW/t		x	x	x
140	E40	Bo'Bo' e	Electric engine	110 km/h	3700 kW	39,6 kW/t		x	x	x
141	E41	Bo'Bo' e	Electric engine	120 km/h	2400 kW	32,5 kW/t		x	x	x
142	E42	Bo'Bo' e	Electric engine	100 km/h	2920 kW	33,3 kW/t		x	x	x
143	243 .8	Bo'Bo' e	Electric engine	120 km/h	3720 kW	43,8 kW/t		x	x	x
145	145	Bo'Bo' e	Electric engine	140 km/h	4200 kW	49,5 kW/t		x	-	-
146	146 - 4,2 MW	Bo'Bo' e	Electric engine	160 km/h	4200 kW	49,5 kW/t		x	-	-
146.1	146.1 - 5,6 MW	Bo'Bo' e	Electric engine	160 km/h	5600 kW	66,0 kW/t		x	-	-
150	E50	Co'Co' e	Electric engine	100 km/h	4500 kW	32,1 kW/t		x	x	x
151	151	Co'Co' e	Electric engine	120 km/h	6300 kW	48,1 kW/t		x	x	x
152	ES64F ~ 15kV; ~ 25kV	Bo'Bo' e	Electric engine	140 km/h	6480 kW	73,3 kW/t		x	-	-
155	250	Co'Co' e	Electric engine	125 km/h	5400 kW	43,0 kW/t		x	x	x
156	252	Co'Co' e	Electric engine	125 km/h	5880 kW	45,1 kW/t		x	x	x
171	251 ~ 25kV, 50Hz	Co'Co' e	Electric engine	80 km/h	3660 kW	24,8 kW/t		x	x	x
180	76E-15 ~ 15kV, 16,7Hz	Bo'Bo' e	Electric engine	120 km/h	3080 kW	34,1 kW/t		x	-	-
181	181 ~ 15kV; 16,7Hz	Bo'Bo' e	Electric engine	160 km/h	3320 kW	40,2 kW/t		x	x	x
182	ES64U2 ~ 15kV; ~ 25kV	Bo'Bo' e	Electric engine	230 km/h	6400 kW	73,3 kW/t		x	-	-
183	ES64U4-AC60 6,0 MW; ~ 15kV; ~ 25kV	Bo'Bo' e	Electric engine	230 km/h	6000 kW	67,9 kW/t		x	-	-
185	185 - 5,6 MW	Bo'Bo' e	Electric engine	140 km/h	5600 kW	66,0 kW/t		x	-	-
186	185 - 5,6 MW	Bo'Bo' e	Electric engine	140 km/h	5600 kW	66,0 kW/t		x	-	-
189	ES64F ~ 15kV; ~ 25kV	Bo'Bo' e	Electric engine	140 km/h	6480 kW	73,3 kW/t		x	x	x
189-1,5	ES64F-1,5 = 1,5kV	Bo'Bo' e	Electric engine	140 km/h	4200 kW	47,6 kW/t		x	-	-
189-3	ES64F-3 = 3kV	Bo'Bo' e	Electric engine	140 km/h	6000 kW	67,9 kW/t		x	-	-
193	VectronE-AC64 6,4 MW; ~ 15kV; ~ 25kV	Bo'Bo' e	Electric engine	200 km/h	6600 kW	73,6 kW/t		x	-	-
201	V100	B'B' dh	Diesel-hydraulic engine	100 km/h	736 kW	7,7 kW/t		x	x	x
201 LG	V100-L Langsamgang	B'B' dh	Diesel-hydraulic engine	65 km/h	736 kW	8,0 kW/t		x	-	-
201.9	V100.4.0 836+255 kW; GSR30/5.7	B'B' dh	Diesel-hydraulic engine	100 km/h	836 kW	8,5 kW/t		x	-	-
202	112	B'B' dh	Diesel-hydraulic engine	100 km/h	883 kW	9,0 kW/t		x	x	x
203	112U	B'B' dh	Diesel-hydraulic engine	100 km/h	1240 kW	11,3 kW/t		x	-	-
204	114	B'B' dh	Diesel-hydraulic engine	100 km/h	1100 kW	11,2 kW/t		x	x	x
210.4	V164.4 160-km/h-Variante	B'B' dh	Diesel-hydraulic engine	160 km/h	1840 kW	15,0 kW/t		x	-	-
211	V100-1S Streckengang	B'B' dh	Diesel-hydraulic engine	100 km/h	809 kW	9,4 kW/t		x	-	-
211 LG	V100-1L Langsamgang	B'B' dh	Diesel-hydraulic engine	65 km/h	809 kW	9,4 kW/t		x	-	-
212	V100-2S Streckengang	B'B' dh	Diesel-hydraulic engine	100 km/h	993 kW	11,7 kW/t		x	x	x
212 LG	V100-2L Langsamgang	B'B' dh	Diesel-hydraulic engine	65 km/h	993 kW	12,1 kW/t		x	-	-
213	V100-2S Streckengang	B'B' dh	Diesel-hydraulic engine	100 km/h	993 kW	11,7 kW/t		x	x	x
213 LG	V100-2L Langsamgang	B'B' dh	Diesel-hydraulic engine	65 km/h	993 kW	12,1 kW/t		x	-	-
214	V100-2S Streckengang	B'B' dh	Diesel-hydraulic engine	100 km/h	993 kW	11,7 kW/t		x	x	x
215	V164 Streckengang	B'B' dh	Diesel-hydraulic engine	140 km/h	1840 kW	15,0 kW/t		x	x	x
216	V160 Streckengang	B'B' dh	Diesel-hydraulic engine	120 km/h	1397 kW	13,7 kW/t		x	x	x
216 LG	V160LG Langsamgang	B'B' dh	Diesel-hydraulic engine	80 km/h	1397 kW	13,7 kW/t		x	-	-
217	V162 Streckengang	B'B' dh	Diesel-hydraulic engine	130 km/h	1397 kW	13,2 kW/t		x	-	x
217 LG	V162LG Langsamgang	B'B' dh	Diesel-hydraulic engine	80 km/h	1767 kW	17,4 kW/t		x	-	-
218	V164 Streckengang	B'B' dh	Diesel-hydraulic engine	140 km/h	1840 kW	15,0 kW/t		x	x	x
218 LG	V164LG Langsamgang	B'B' dh	Diesel-hydraulic engine	90 km/h	1840 kW	15,0 kW/t		x	-	-
219	119 Umbau RAW Ch.	C'C' dh	Diesel-hydraulic engine	120 km/h	2200 kW	12,2 kW/t		x	x	x
219m	119m Modern. RAW Ch.	C'C' dh	Diesel-hydraulic engine	120 km/h	2200 kW	14,3 kW/t		x	-	-
220	M62	Co'Co' de	Diesel-electric engine	100 km/h	1470 kW	8,2 kW/t		x	x	x
221	V200 .1	B'B' dhm	Diesel-hydraulic engine	140 km/h	2000 kW	18,5 kW/t		x	x	x
223	ME20	Bo'Bo' de	Diesel-electric engine	140 km/h	2000 kW	19,9 kW/t		x	-	-
223-P150	ME20P4	Bo'Bo' de	Diesel-electric engine	140 km/h	2000 kW	18,5 kW/t		x	-	-

223-P400	ME20P10	Bo'Bo'de	Diesel-electric engine	140 km/h	2000 kW	15,6 kW/t	x	-	-
228.5	V180 remotorisiert	B'B' dh	Diesel-hydraulic engine	120 km/h	1472 kW	12,7 kW/t	x	x	x
228.6	V180 remotorisiert	C'C' dh	Diesel-hydraulic engine	120 km/h	1766 kW	12,9 kW/t	x	x	x
229	229	C'C' dh	Diesel-hydraulic engine	140 km/h	2620 kW	14,1 kW/t	x	-	x
230	TE109	Co'Co' de	Diesel-electric engine	140 km/h	2206 kW	15,8 kW/t	x	x	x
231	TE109G1	Co'Co' de	Diesel-electric engine	100 km/h	2206 kW	15,8 kW/t	x	x	x
232	TE109G2	Co'Co' de	Diesel-electric engine	120 km/h	2206 kW	13,9 kW/t	x	x	x
233	TE109G2	Co'Co' de	Diesel-electric engine	120 km/h	2206 kW	13,9 kW/t	x	x	x
234	234	Co'Co' de	Diesel-electric engine	140 km/h	2206 kW	12,3 kW/t	x	x	x
241	241	Co'Co' de	Diesel-electric engine	100 km/h	2940 kW	19,3 kW/t	x	-	-
242	TE113	Co'Co' de	Diesel-electric engine	120 km/h	2942 kW	17,6 kW/t	x	x	x
245	185D	Bo'Bo' de	Diesel-electric engine	160 km/h	2200 kW	22,9 kW/t	x	-	-
246	185D	Bo'Bo' de	Diesel-electric engine	160 km/h	2200 kW	22,9 kW/t	x	-	-
246-P200	185D-P200	Bo'Bo' de	Diesel-electric engine	160 km/h	2200 kW	20,1 kW/t	x	-	-
246-P360	185D-P360	Bo'Bo' de	Diesel-electric engine	160 km/h	2200 kW	18,3 kW/t	x	-	-
247	JT42CWR	Co'Co' de	Diesel-electric engine	121 km/h	2385 kW	14,7 kW/t	x	-	x
247-9	VectronDE-24	Bo'Bo' de	Diesel-electric engine	160 km/h	2400 kW	23,0 kW/t	x	-	-
250	DE-AC33C	Co'Co' de	Diesel-electric engine	120 km/h	2460 kW	16,4 kW/t	x	-	-
253	ME20	Bo'Bo' de	Diesel-electric engine	140 km/h	2000 kW	19,9 kW/t	x	-	-
260	Gravita 15 BB Streckengang	B'B' dh	Diesel-hydraulic engine	100 km/h	1500 kW	13,5 kW/t	x	-	-
260 LG	Gravita 15 BB-LG Langsamgang	B'B' dh	Diesel-hydraulic engine	50 km/h	1500 kW	14,3 kW/t	x	-	-
261	Gravita 10 BB Streckengang	B'B' dh	Diesel-hydraulic engine	100 km/h	1000 kW	9,5 kW/t	x	-	-
261 LG	Gravita 10 BB-LG Langsamgang	B'B' dh	Diesel-hydraulic engine	50 km/h	1000 kW	9,5 kW/t	x	-	-
263	Maxima 30 CC	C'C' dh	Diesel-hydraulic engine	120 km/h	2750 kW	16,8 kW/t	x	-	-
264	Maxima 40 CC	C'C' dh	Diesel-hydraulic engine	120 km/h	3600 kW	21,9 kW/t	x	-	-
265	Gravita 15 BB Streckengang	B'B' dh	Diesel-hydraulic engine	100 km/h	1500 kW	13,5 kW/t	x	-	-
285	TraxxF140de	Bo'Bo' de	Diesel-electric engine	140 km/h	2200 kW	22,3 kW/t	x	-	-
290	V90.9 Streckengang	B'B' dh	Diesel-hydraulic engine	80 km/h	809 kW	7,9 kW/t	x	-	-
291 LG	V90.9LG Rangiergang	B'B' dh	Diesel-hydraulic engine	40 km/h	809 kW	7,9 kW/t	x	-	-
291	V90.9 Streckengang	B'B' dh	Diesel-hydraulic engine	80 km/h	809 kW	7,9 kW/t	x	-	-
294	V90.9 Streckengang	B'B' dh	Diesel-hydraulic engine	80 km/h	809 kW	7,9 kW/t	x	-	-
295	V90.9 Streckengang	B'B' dh	Diesel-hydraulic engine	80 km/h	809 kW	7,9 kW/t	x	-	-
298	298 Umbau DR 111	B'B' dh	Diesel-hydraulic engine	80 km/h	750 kW	7,9 kW/t	x	x	x
298 LG	298LG Umbau DR 111	B'B' dh	Diesel-hydraulic engine	33 km/h	750 kW	7,9 kW/t	x	-	-
310	Köf	B dh	Diesel-hydraulic engine	30 km/h	92 kW	3,1 kW/t	x	x	x
311	V15 .5-7	B dh	Diesel-hydraulic engine	42 km/h	132 kW	4,9 kW/t	x	x	x
312	V23 .1-2	B dh	Diesel-hydraulic engine	40 km/h	162 kW	5,8 kW/t	x	x	x
332	Köf11	B dh	Diesel-hydraulic engine	45 km/h	170 kW	6,0 kW/t	x	-	-
333	Köf12	B dh	Diesel-hydraulic engine	45 km/h	170 kW	4,8 kW/t	x	-	-
335	Köf12	B dh	Diesel-hydraulic engine	45 km/h	170 kW	4,8 kW/t	x	-	-
344	104 Streckengang	D dh	Diesel-hydraulic engine	50 km/h	380 kW	4,2 kW/t	x	x	x
344 LG	104LG Langsamgang	D dh	Diesel-hydraulic engine	25 km/h	380 kW	4,2 kW/t	x	-	-
346	V60D Streckengang	D dh	Diesel-hydraulic engine	60 km/h	478 kW	6,3 kW/t	x	x	x
346 LG	V60D-L Langsamgang	D dh	Diesel-hydraulic engine	30 km/h	478 kW	6,3 kW/t	x	-	-
352	G400B-DB	B dh	Diesel-hydraulic engine	80 km/h	390 kW	6,8 kW/t	x	-	-
360	V 60 Streckengang	C dh	Diesel-hydraulic engine	60 km/h	478 kW	6,6 kW/t	x	x	x
360 LG	V 60LG Langsamgang	C dh	Diesel-hydraulic engine	30 km/h	478 kW	6,6 kW/t	x	-	-
361	V 60 Streckengang	C dh	Diesel-hydraulic engine	60 km/h	478 kW	6,6 kW/t	x	x	x
363	V 60 Streckengang	C dh	Diesel-hydraulic engine	60 km/h	478 kW	6,6 kW/t	x	x	x
364	V 60 Streckengang	C dh	Diesel-hydraulic engine	60 km/h	478 kW	6,6 kW/t	x	x	x
365	V 60 Streckengang	C dh	Diesel-hydraulic engine	60 km/h	478 kW	6,6 kW/t	x	x	x
1x401	ICE1x1 ein Triebkopf	Bo'Bo' etr	EMU	280 km/h	4850 kW	61,6 kW/t	x	x	x
2x401	ICE1x2 zwei Triebköpfe	Bo'Bo'+Bo'Bo' etr	EMU	280 km/h		61,5 kW/t	x	x	x
402	ICE1x1 ein Triebkopf	Bo'Bo' etr	EMU	280 km/h	4850 kW	61,6 kW/t	x	x	x
403	ICE3ES achteilig	4x(Bo'Bo') + 4x(2'2') etr	EMU	330 km/h	8081 kW	18,2 kW/t	x	-	-
406	ICE3AC achteilig	4x(Bo'Bo') + 4x(2'2') etr	EMU	330 km/h	8081 kW	17,3 kW/t	x	-	-
407	Velaro-D achteilig	4x(Bo'Bo') + 4x(2'2') etr	EMU	320 km/h	8980 kW	18,5 kW/t	x	-	-
411	ICTx7 siebenteilig	3x(2'2')+ 4x(1A)'(A1)') etr	EMU	230 km/h	4040 kW	9,8 kW/t	x	-	-
411-5	ICTx7 siebenteilig	3x(2'2')+ 4x(1A)'(A1)') etr	EMU	230 km/h	4040 kW	9,8 kW/t	x	-	-
415	ICTx5 fünfteilig	2x(2'2')+ 3x(1A)'(A1)') etr	EMU	230 km/h	3030 kW	10,1 kW/t	x	-	-
420	420 dreiteilig	Bo'Bo'+Bo'Bo'+Bo'Bo' etr	EMU	120 km/h	3000 kW	18,6 kW/t	x	x	x
422	422 vierteilig	Bo'Bo'2'Bo'Bo' etr	EMU	140 km/h	2350 kW	18,4 kW/t	x	-	-
423	423 vierteilig	Bo'Bo'2'Bo'Bo' etr	EMU	140 km/h	2350 kW	19,5 kW/t	x	-	-
424	424 vierteilig	Bo'Bo'2'Bo'Bo' etr	EMU	140 km/h	2350 kW	18,0 kW/t	x	-	-
425	425 vierteilig	Bo'Bo'2'Bo'Bo' etr	EMU	160 km/h	2350 kW	18,0 kW/t	x	-	-
426	426 zweiteilig	Bo'2'Bo' etr	EMU	160 km/h	1175 kW	16,4 kW/t	x	-	-
427	Flirt-3E-168 dreiteilig	Bo'(2)'(2)'Bo'etr	EMU	160 km/h	2640 kW	21,7 kW/t	x	-	-
428	Flirt-4E-168 vierteilig	Bo'(2)'(2)'(2)'Bo'etr	EMU	160 km/h	2640 kW	18,3 kW/t	x	-	-
429	Flirt-5E-168 fünfteilig	Bo'(2)'(2)'(2)'(2)'Bo'etr	EMU	160 km/h	2640 kW	15,4 kW/t	x	-	-
430	430 vierteilig	Bo'Bo'2'Bo'Bo' etr	EMU	140 km/h	2350 kW	17,5 kW/t	x	-	-
440.2	LIREX-5E 5-teilig	Bo'(Bo')(2)'(2)'(Bo)'Bo' etr	EMU	160 km/h	2960 kW	15,3 kW/t	x	-	-
440.3	LIREX-3E-2 3-teilig	Bo'(Bo')(2)'Bo' etr	EMU	160 km/h	2160 kW	16,3 kW/t	x	-	-
442.0	Talent2e141 zweiteilig	Bo'2'Bo' etr	EMU	160 km/h	2080 kW	22,0 kW/t	x	-	-

442.1	Talent3e141 dreiteilig	Bo'2'2'Bo' etr	EMU	160 km/h	2080 kW	17,1 kW/t	x	-	-
442.2	Talent4e205 vierteilig	Bo'2'Bo'2'Bo' etr	EMU	160 km/h	3124 kW	19,3 kW/t	x	-	-
442.3	Talent5e205 fünfteilig	Bo'2'Bo'2'2'Bo' etr	EMU	160 km/h	3124 kW	16,5 kW/t	x	-	-
445.1	445 Tw+Mw+Sw	Bo'Bo'+2'2'+2'2' etr	EMU	140 km/h	1800 kW	7,9 kW/t	x	-	-
445.2	445 Tw+Mw+Tw	Bo'Bo'+2'2'+Bo'Bo' etr	EMU	140 km/h	3600 kW	17,7 kW/t	x	-	-
450.0	GT8-100C/25 dreiteilig	B'(2)'(2)'B' etr	EMU	90 km/h	560 kW	8,0 kW/t	x	-	-
450.1	GT8-100D/25-M ohne Bistro	Bo'(2)'(2)'Bo' etr	EMU	100 km/h	508 kW	7,4 kW/t	x	-	-
452-0,6	CtsE0,6 elektr. bei 600 V =	Bo'2'2'Bo' etr	EMU	70 km/h	588 kW	8,1 kW/t	x	-	-
452-0,75	CtsE0,75 elektr. bei 750 V =	Bo'2'2'Bo' etr	EMU	70 km/h	588 kW	8,1 kW/t	x	-	-
452-15	CtsE15 elektr. bei 15 kV, 16,7Hz	Bo'2'2'Bo' etr	EMU	100 km/h	648 kW	9,2 kW/t	x	-	-
470	ET170	Bo'Bo'+2'2'+Bo'Bo' etr	EMU	100 km/h	1280 kW	8,5 kW/t	x	x	-
471	ET171	Bo'Bo'+2'2'+Bo'Bo' etr	EMU	80 km/h	1160 kW	8,4 kW/t	x	-	-
472	472 dreiteilig	Bo'Bo'+Bo'Bo'+Bo'Bo' etr	EMU	100 km/h	1500 kW	11,4 kW/t	x	-	-
474	474 dreiteilig	Bo'Bo'+2'2'+Bo'Bo' etr	EMU	100 km/h	920 kW	7,3 kW/t	x	-	-
479.2	279.2 Reko 1982-1984	Bo etr	EMU	50 km/h	120 kW	5,4 kW/t	x	-	-
605	ICTDx4 vierteilig	4 x (2'Bo') detr	DEMU	200 km/h	2240 kW	6,9 kW/t	x	x	x
610	610 zweiteilig	2'(A1)'+(1A)'(A1)' detr	DEMU	160 km/h	970 kW	7,5 kW/t	x	-	-
611	611 zweiteilig	2'B'+B'2' dhtr	DHMU	160 km/h	1080 kW	6,5 kW/t	x	-	-
612	612 zweiteilig	2'B'+B'2' dhtr	DHMU	160 km/h	1120 kW	7,6 kW/t	x	x	x
614	614 zweiteilig	B'2'+2'B' dhtr	DHMU	140 km/h	734 kW	5,0 kW/t	x	x	x
614m	614m zweiteilig	B'2'+2'B' dhtr	DHMU	140 km/h	896 kW	6,6 kW/t	x	-	-
616	ItinoDh2 zweiteilig, dieselhydr.	B'(2)'B' dhtr	DHMU	140 km/h	1000 kW	8,3 kW/t	x	-	-
618	LIREX-6D-P 6-teilig	A'1A'A'+A'A'1'A' detr	DEMU	160 km/h	1140 kW	8,2 kW/t	x	-	-
620	LINT-81-140b dreiteilig (648.28)	B'2'+B'2'+B' dmtr	DMMU	140 km/h	1560 kW	6,9 kW/t	x	-	-
622	LINT-54-140b zweiteilig (648.27)	B'2'+B'B' dmtr	DMMU	140 km/h	1170 kW	7,5 kW/t	x	-	-
624	VT24.6 zweiteilig	B'2'+2'B' dhtr	DHMU	120 km/h	662 kW	5,3 kW/t	x	x	-
626	NE81-2 400 kW, 80 km/h	B'B' dhtr	DHMU	80 km/h	402 kW	6,4 kW/t	x	-	-
627	627	B'2' trdh	DHMU	120 km/h	287 kW	5,5 kW/t	x	x	x
628.0	628.0 zweiteilig	2'B'+B'2' trdh	DHMU	120 km/h	426 kW	4,0 kW/t	x	-	-
628.1	628.1 zweiteilig	2'B'+2'2' trdh	DHMU	120 km/h	357 kW	3,4 kW/t	x	-	-
628.2	628.2 zweiteilig	2'B'+2'2' trdh	DHMU	120 km/h	410 kW	4,0 kW/t	x	x	x
628.4	628.4 zweiteilig	2'B'+2'2' trdh	DHMU	120 km/h	485 kW	4,4 kW/t	x	x	x
628.8	628.8 zweiteilig	2'B'+B'2' trdh	DHMU	120 km/h	820 kW	7,8 kW/t	x	-	-
628.9	628.9 zweiteilig	2'B'+B'2' trdh	DHMU	120 km/h	970 kW	8,9 kW/t	x	-	-
634	VT634 zweiteilig	B'2'+2'B' dhtr	DHMU	140 km/h	662 kW	5,3 kW/t	x	-	-
640	LINT-27m einteilig	B'2' dmtr	DMMU	120 km/h	315 kW	4,5 kW/t	x	-	-
641	641	(1A)'(A1)' dhtr	DHMU	120 km/h	514 kW	6,5 kW/t	x	-	-
642	SR20D2 Desiro	B'2'B' dmtr	DMMU	120 km/h	550 kW	5,7 kW/t	x	x	x
643	Talent3dm063 dreiteilig	B'2'2'B' trdm	DMMU	120 km/h	630 kW	4,4 kW/t	x	-	-
643-2	Talent2dm063 zweiteilig	B'2'B' trdm	DMMU	120 km/h	630 kW	6,7 kW/t	x	-	-
644	Talent3de100 dreiteilig	Bo'2'2'Bo' trde	DEMU	120 km/h	1010 kW	6,3 kW/t	x	-	-
646.0	GTWd26-D	2'Bo'2' detr	DEMU	120 km/h	550 kW	6,3 kW/t	x	-	-
648	LINT-41-120 zweiteilig	B'(2)'B' dmtr	DMMU	120 km/h	630 kW	5,6 kW/t	x	-	-
650	RS-1b einteilig, 2x257kW	B'B' dmtr	DMMU	120 km/h	514 kW	7,9 kW/t	x	x	x
654	VT4N	A2A trdm	DMMU	120 km/h	456 kW	8,5 kW/t	x	x	x
670.0	670	A'1' trdm	DMMU	100 km/h	250 kW	5,6 kW/t	x	x	x
672	LVT/S	A'1' trdm	DMMU	100 km/h	265 kW	9,5 kW/t	x	-	-
4x675	VT18.16x4 vierteilig	B'2'+2x(2'2')+2'B' dhtr	DHMU	160 km/h	1472 kW	4,3 kW/t	x	x	x
5x675	VT18.16x5 fünfteilig	B'2'+3x(2'2')+2'B' dhtr	DHMU	160 km/h	1472 kW	3,6 kW/t	x	x	x
6x675	VT18.16x6 sechsteilig	B'2'+4x(2'2')+2'B' dhtr	DHMU	160 km/h	1472 kW	3,1 kW/t	x	x	x
689D	CtsHybD Hybrid bei Dieselbetrieb	Bo'2'2'Bo' detr	DEMU	100 km/h	750 kW	7,9 kW/t	x	-	-
689E-0,6	CtsHybE0,6 Hybrid bei 600 V =	Bo'2'2'Bo' etr	EMU	80 km/h	490 kW	6,6 kW/t	x	-	-
689E-0,75	CtsHybE0,75 Hybrid bei 750 V =	Bo'2'2'Bo' etr	EMU	80 km/h	588 kW	7,9 kW/t	x	-	-
771	VT2.09 einteilig	1A trdm	DMMU	90 km/h	132 kW	3,5 kW/t	x	x	x
772	VT2.09R einteilig, Reko	1A trdm	DMMU	90 km/h	160 kW	4,7 kW/t	x	x	x
798	VT98	AA dmtr	DMMU	90 km/h	222 kW	5,6 kW/t	x	x	x
<b>ABR: Abellio Rail NRW GmbH</b>									
427	Flirt-3E-168 dreiteilig	Bo'(2)'(2)'Bo' etr	EMU	160 km/h	2640 kW	21,7 kW/t	x	-	-
648	LINT-41-120 zweiteilig	B'(2)'B' dmtr	DMMU	120 km/h	630 kW	5,6 kW/t	x	-	-
<b>AKN: Privatbahn Altona - Kaltenkirchen - Neumünster</b>									
KLV1	KLV1 (Baufahrzeug)	B dh	Diesel-hydraulic engine	50 km/h	123 kW	3,8 kW/t	x	-	-
KLV2	KLV2 (Baufahrzeug)	B dh	Diesel-hydraulic engine	80 km/h	367 kW	9,2 kW/t	x	-	-
V2.009	240B Streckengang	B dh	Diesel-hydraulic engine	45 km/h	176 kW	4,1 kW/t	x	x	x
V2.017	G1100BB	B'B' dh	Diesel-hydraulic engine	60 km/h	808 kW	8,8 kW/t	x	x	x
V2.021	DE1002	Bo'Bo' de	Diesel-electric engine	85 km/h	1170 kW	10,5 kW/t	x	x	x
VT 3.x	VT3	A1 dmtr	DMMU	90 km/h	147 kW	4,1 kW/t	x	x	x
VTA	VTA	Bo'2'Bo' detr	DEMU	100 km/h	485 kW	5,7 kW/t	x	-	x
VTE	VTE	Bo'2'Bo' detr	DEMU	88 km/h	312 kW	5,0 kW/t	x	-	x
<b>AVG: Albtal-Verkehrs-Gesellschaft mbH</b>									
326	Citylink NET2012	Bo'2'2'Bo' etr	EMU	80 km/h	521 kW	7,6 kW/t	x	-	-
501	GT6-80C zweiteilig	B'(2)'B' etr	EMU	80 km/h	470 kW	9,1 kW/t	x	-	-
551	GT8-80C dreiteilig	B'(2)'(2)'B' etr	EMU	80 km/h	560 kW	8,9 kW/t	x	-	-
561	GT8-80C dreiteilig	B'(2)'(2)'B' etr	EMU	80 km/h	560 kW	8,9 kW/t	x	-	-

801	GT8-100C/2S dreiteilig	B'(2)'(2)'B' etr	EMU	90 km/h	560 kW	8,0 kW/t	x	-	-
837	GT8-100D/2S-M ohne Bistro	Bo'(2)'(2)'Bo' etr	EMU	100 km/h	508 kW	7,4 kW/t	x	-	-
845	GT8-100D/2S-MB mit Bistro	Bo'(2)'(2)'Bo' etr	EMU	100 km/h	508 kW	7,1 kW/t	x	-	-
900	GT8-100D/2S-M ohne Bistro	Bo'(2)'(2)'Bo' etr	EMU	100 km/h	508 kW	7,4 kW/t	x	-	-
923	ET2010 ohne Bistro	Bo'(2)'(2)'Bo' etr	EMU	100 km/h	720 kW	10,4 kW/t	x	-	-
G1203	G1203	B'B' dh	Diesel-hydraulic engine	65 km/h	745 kW	7,7 kW/t	x	-	-
G1206	G1206BB-V	B' B' dh	Diesel-hydraulic engine	100 km/h	1500 kW	12,8 kW/t	x	-	-
<b>BB: Bahnbetriebe Blumberg</b>									
38	P8	2'C h2+2'2'T21,5/7	Superheated steam engine+Tender	100 km/h		6,0 kW/t	x	x	x
86	86 (Einh.)	1'D1' h2t	Superheated steam engine	80 km/h		9,1 kW/t	x	x	x
262FK	262FK	1'D1' h2t	Superheated steam engine	85 km/h		9,0 kW/t	x	-	-
V36	WR360C14	C dh	Diesel-hydraulic engine	60 km/h	265 kW	4,1 kW/t	x	-	-
<b>BCR: British Columbia Railway</b>									
Dash8-40CM	Dash8-40CM	Co'Co' de	Diesel-electric engine	113 km/h	2985 kW	14,1 kW/t	x	-	-
Dash9-44CW	Dash9-44CW	Co'Co' de	Diesel-electric engine	113 km/h	3285 kW	14,8 kW/t	x	-	-
SD40-2	SD40-2	Co'Co' de	Diesel-electric engine	113 km/h	2430 kW	10,8 kW/t	x	-	-
<b>BLB: Berchtesgadener Land Bahn GmbH</b>									
ET130	Flirt-3E-168 dreiteilig	Bo'(2)'(2)'Bo' etr	EMU	160 km/h	2640 kW	21,7 kW/t	x	-	-
<b>BLS: Bern-Lötschberg-Simplon-Bahn AG</b>									
425	Re425	Bo'Bo' e	Electric engine	140 km/h	4980 kW	61,6 kW/t	x	-	-
465	Re465	Bo'Bo' e	Electric engine	230 km/h	7000 kW	82,5 kW/t	x	-	-
485	185 - 5,6 MW	Bo'Bo' e	Electric engine	140 km/h	5600 kW	66,0 kW/t	x	-	-
525	RABe525 dreiteilig	Bo'2'2'Bo' etr	EMU	140 km/h	1040 kW	10,7 kW/t	x	-	-
565	RBDDe565 4/4	Bo'Bo' etr	EMU	125 km/h	1700 kW	23,4 kW/t	x	-	-
<b>BTI: Biel - Täuffelen - Ins-Bahn</b>									
Be2/6	GTWe26-BTI = 1,2kV	2'Bo'2' etr	EMU	80 km/h	600 kW	12,0 kW/t	x	-	-
<b>CAN: cantus Verkehrsgesellschaft mbH</b>									
427	Flirt-3E-168 dreiteilig	Bo'(2)'(2)'Bo' etr	EMU	160 km/h	2640 kW	21,7 kW/t	x	-	-
428	Flirt-4E-168 vierteilig	Bo'(2)'(2)'(2)'Bo' etr	EMU	160 km/h	2640 kW	18,3 kW/t	x	-	-
<b>CD: České dráhy</b>									
100	16E = 1,5kV	Bo'Bo' e	Electric engine	50 km/h	360 kW	7,0 kW/t	x	-	-
110	33E1 = 3kV	Bo'Bo' e	Electric engine	80 km/h	800 kW	10,3 kW/t	x	-	-
111	78E1 = 3kV	Bo'Bo' e	Electric engine	80 km/h	800 kW	10,6 kW/t	x	-	-
113	33E2 = 1,5kV	Bo'Bo' e	Electric engine	50 km/h	400 kW	5,8 kW/t	x	-	-
121	43E = 3kV	Bo'Bo' e	Electric engine	90 km/h	2032 kW	21,5 kW/t	x	-	-
122	57E1 = 3kV	Bo'Bo' e	Electric engine	90 km/h	1990 kW	21,8 kW/t	x	-	-
123	57E2 = 3kV	Bo'Bo' e	Electric engine	90 km/h	1990 kW	21,8 kW/t	x	-	-
130	79E1 = 3kV	Bo'Bo' e	Electric engine	100 km/h	2040 kW	22,3 kW/t	x	-	-
141	30E = 3kV	Bo'Bo' e	Electric engine	120 km/h	2032 kW	22,5 kW/t	x	-	-
150	65E = 3kV	Bo'Bo' e	Electric engine	140 km/h	4000 kW	43,3 kW/t	x	-	-
151	65EM = 3kV	Bo'Bo' e	Electric engine	160 km/h	4000 kW	43,3 kW/t	x	x	x
162	98E = 3kV	Bo'Bo' e	Electric engine	140 km/h	3060 kW	33,0 kW/t	x	-	-
163	71E = 3kV	Bo'Bo' e	Electric engine	120 km/h	3060 kW	34,2 kW/t	x	-	-
182	59E = 3kV	Co'Co' e	Electric engine	90 km/h	2790 kW	21,6 kW/t	x	-	-
183	61E = 3kV	Co'Co' e	Electric engine	90 km/h	2790 kW	21,6 kW/t	x	-	-
210	51E1 ~ 25kV, 50Hz	Bo'Bo' e	Electric engine	80 km/h	880 kW	13,1 kW/t	x	-	-
230	47E1 ~ 25kV, 50Hz	Bo'Bo' e	Electric engine	110 km/h	3080 kW	34,8 kW/t	x	-	-
240	47E4 ~ 25kV, 50Hz	Bo'Bo' e	Electric engine	120 km/h	3080 kW	34,4 kW/t	x	-	-
242	73E1 ~ 25kV, 50 Hz	Bo'Bo' e	Electric engine	120 km/h	3080 kW	34,8 kW/t	x	-	-
263	70E0 ~ 25kV, 50Hz	Bo'Bo' e	Electric engine	120 km/h	3000 kW	34,6 kW/t	x	-	-
340-15	47E4M-15 ~ 15kV, 16,7Hz	Bo'Bo' e	Electric engine	120 km/h	3080 kW	10,9 kW/t	x	-	-
340-25	47E4M-25 ~ 25kV, 50Hz	Bo'Bo' e	Electric engine	120 km/h	3080 kW	34,4 kW/t	x	-	-
362-25	69Er-25 ~ 25kV, 50Hz	Bo'Bo' e	Electric engine	140 km/h	3060 kW	33,0 kW/t	x	x	x
362-3	69Er-3 = 3kV	Bo'Bo' e	Electric engine	140 km/h	3060 kW	33,0 kW/t	x	x	x
363-25	69E-25 ~ 25kV, 50Hz	Bo'Bo' e	Electric engine	120 km/h	3060 kW	33,4 kW/t	x	x	x
363-3	69E-3 = 3kV	Bo'Bo' e	Electric engine	120 km/h	3060 kW	34,2 kW/t	x	x	x
363.5	71Em modernisierte 163	Bo'Bo' e	Electric engine	120 km/h	3700 kW	40,4 kW/t	x	-	-
371-15	76EM-15 ~ 15kV, 16,7Hz	Bo'Bo' e	Electric engine	160 km/h	3080 kW	34,1 kW/t	x	-	-
371-3	76EM-3 = 3kV	Bo'Bo' e	Electric engine	160 km/h	3080 kW	34,1 kW/t	x	-	-
372-15	76E-15 ~ 15kV, 16,7Hz	Bo'Bo' e	Electric engine	120 km/h	3080 kW	34,1 kW/t	x	-	-
372-3	76E-3 = 3kV	Bo'Bo' e	Electric engine	120 km/h	3080 kW	34,1 kW/t	x	-	-
380	109E	Bo'Bo' e	Electric engine	200 km/h	6400 kW	74,7 kW/t	x	-	-
451	EM475.1 = 3kV - vierteilig	Bo'Bo'+2'2'+2'2'+Bo'Bo' etr	EMU	100 km/h	1320 kW	5,2 kW/t	x	-	-
460	EM488.0 = 3kV	Bo'Bo' etr	EMU	110 km/h	1000 kW	13,2 kW/t	x	-	-
470	470 = 3kV	Bo'Bo' etr	EMU	120 km/h	976 kW	13,2 kW/t	x	-	-
471	471 = 3kV - dreiteilig	Bo'Bo'2'2'2'2' etr	EMU	140 km/h	2000 kW	10,8 kW/t	x	-	-
560	SM488.0 ~ 25kV, 50Hz	Bo'Bo' etr	EMU	110 km/h	840 kW	11,3 kW/t	x	-	-
614 DB	614m zweiteilig	B'2+2'B' dhtr	DHMU	140 km/h	896 kW	6,6 kW/t	x	-	-
640	7Ev - 3 = 3kV, ~ 25kV, 50 Hz	Bo'2'+Bo'2'+2'Bo'etr	EMU	160 km/h	2040 kW	12,1 kW/t	x	-	-
650	7Ev - 2 = 3kV, ~ 25kV, 50 Hz	Bo'2'+2'Bo'etr	EMU	160 km/h	1360 kW	12,2 kW/t	x	-	-
660	7Ev - 5 = 3kV, ~ 25kV, 50 Hz	Bo'2' + Bo'2' + 2'2' + 2'Bo' + 2'Bo' etr	EMU	160 km/h	2720 kW	9,9 kW/t	x	-	-
675	675 Prototyp	Bo'Bo'+4x(2'2')+Bo'Bo' etr	EMU	160 km/h	4000 kW	11,4 kW/t	x	-	-
680	CDT680	4x((1A')(A1'))+3x(2'2') etr	EMU	230 km/h	4000 kW	10,7 kW/t	x	-	-

703	T212.1	B dh	Diesel-hydraulic engine	40 km/h	147 kW	3,7 kW/t	x	-	-
704	704	Bo de	Diesel-electric engine	65 km/h	260 kW	7,1 kW/t	x	-	-
705	705 2nd production run	Bo'Bo' de	Diesel-electric engine	50 km/h	257 kW	6,0 kW/t	x	x	x
708	708	Bo de	Diesel-electric engine	80 km/h	300 kW	6,8 kW/t	x	-	-
714	714	Bo'Bo' de	Diesel-electric engine	80 km/h	600 kW	7,3 kW/t	x	-	-
720	T435.0	Bo'Bo' de	Diesel-electric engine	60 km/h	551 kW	7,1 kW/t	x	-	-
721	T458.1	Bo'Bo' de	Diesel-electric engine	80 km/h	551 kW	5,9 kW/t	x	-	-
730	T457.0	Bo'Bo' de	Diesel-electric engine	80 km/h	600 kW	6,9 kW/t	x	-	-
731	T457.01	Bo'Bo' de	Diesel-electric engine	80 km/h	600 kW	6,8 kW/t	x	-	-
735	T466.0	Bo'Bo' de	Diesel-electric engine	90 km/h	926 kW	10,7 kW/t	x	-	-
740	T448.0	Bo'Bo' de	Diesel-electric engine	70 km/h	926 kW	8,2 kW/t	x	-	-
742	T466.2	Bo'Bo' de	Diesel-electric engine	90 km/h	926 kW	10,3 kW/t	x	-	-
743	T466.3	Bo'Bo' de	Diesel-electric engine	90 km/h	926 kW	10,7 kW/t	x	-	-
749-A	749-A	Bo'Bo' de	Diesel-electric engine	100 km/h	1102 kW	10,5 kW/t	x	x	x
749-B	749-B	Bo'Bo' de	Diesel-electric engine	100 km/h	1102 kW	9,8 kW/t	x	-	-
749-C	749-C	Bo'Bo' de	Diesel-electric engine	100 km/h	1102 kW	9,2 kW/t	x	-	-
750-A	750-A	Bo'Bo' de	Diesel-electric engine	100 km/h	1325 kW	13,2 kW/t	x	-	-
750-B	750-B	Bo'Bo' de	Diesel-electric engine	100 km/h	1325 kW	12,4 kW/t	x	-	-
750-C	750-C	Bo'Bo' de	Diesel-electric engine	100 km/h	1325 kW	11,5 kW/t	x	-	-
750-D	750-D	Bo'Bo' de	Diesel-electric engine	100 km/h	1325 kW	10,3 kW/t	x	-	-
750.7	750.7 modernisierte 750	Bo'Bo' de	Diesel-electric engine	100 km/h	1550 kW	17,5 kW/t	x	-	-
750.7-A	750.7-A modernisierte 750	Bo'Bo' de	Diesel-electric engine	100 km/h	1550 kW	16,6 kW/t	x	-	-
750.7-B	750.7-B modernisierte 750	Bo'Bo' de	Diesel-electric engine	100 km/h	1550 kW	15,9 kW/t	x	-	-
750.7-C	750.7-C modernisierte 750	Bo'Bo' de	Diesel-electric engine	100 km/h	1550 kW	15,2 kW/t	x	-	-
750.7-D	750.7-D modernisierte 750	Bo'Bo' de	Diesel-electric engine	100 km/h	1550 kW	14,2 kW/t	x	-	-
750.7-E	750.7-E modernisierte 750	Bo'Bo' de	Diesel-electric engine	100 km/h	1550 kW	13,3 kW/t	x	-	-
751	T478.1	Bo'Bo' de	Diesel-electric engine	100 km/h	1102 kW	11,9 kW/t	x	-	-
752	752.5	Bo'Bo' de	Diesel-electric engine	100 km/h	1210 kW	13,1 kW/t	x	-	-
753	T478.3	Bo'Bo' de	Diesel-electric engine	100 km/h	1325 kW	14,4 kW/t	x	-	-
754-A	T478.4-A	Bo'Bo' de	Diesel-electric engine	100 km/h	1460 kW	15,5 kW/t	x	x	x
754-B	T478.4-B	Bo'Bo' de	Diesel-electric engine	100 km/h	1460 kW	14,7 kW/t	x	-	-
754-C	T478.4-C	Bo'Bo' de	Diesel-electric engine	100 km/h	1460 kW	14,0 kW/t	x	-	-
754-D	T478.4-D	Bo'Bo' de	Diesel-electric engine	100 km/h	1460 kW	12,9 kW/t	x	-	-
771	T669.1	Co'Co' de	Diesel-electric engine	90 km/h	993 kW	6,8 kW/t	x	-	-
801	M131	1A dmtr	DMMU	60 km/h	114 kW	3,2 kW/t	x	-	-
810	M152.0	1A dmtr	DMMU	80 km/h	155 kW	5,4 kW/t	x	x	x
812	812 rekonstrukce vozu 810	1A dmtr	DMMU	80 km/h	242 kW	6,3 kW/t	x	-	-
814	814	1A+1'1' dmtr	DMMU	80 km/h	242 kW	4,9 kW/t	x	-	-
814.2	814.2 trio	A'1'+1'1'+1'A' dhtr	DHMMU	80 km/h	484 kW	4,5 kW/t	x	-	-
820	M240.0	B'2' dhtr	DHMMU	70 km/h	206 kW	3,9 kW/t	x	-	-
830	M262.0	2'Bo' detr	DEMU	90 km/h	302 kW	4,5 kW/t	x	x	x
841	RS-1a einteilig, 2x228kW	B'B' dmtr	DMMU	120 km/h	456 kW	7,2 kW/t	x	-	-
842	842	(1A)'(A1)' dhtr	DHMMU	100 km/h	425 kW	5,5 kW/t	x	-	-
842.5	842.5	(1A)'(A1)' dhtr	DHMMU	100 km/h	484 kW	6,6 kW/t	x	-	-
843	843	Bo'Bo' detr	DEMU	110 km/h	600 kW	8,5 kW/t	x	-	-
844	LINK DMU2-CD zweiteilig	B'2'B' dmtr	DMMU	120 km/h	780 kW	6,5 kW/t	x	-	-
850	M286.0	2'B' dhtr	DHMMU	110 km/h	515 kW	6,6 kW/t	x	-	-
851	M286.1	2'B' dhtr	DHMMU	110 km/h	588 kW	7,5 kW/t	x	-	-
853	M296.1	2'B' dhtr	DHMMU	120 km/h	588 kW	7,5 kW/t	x	-	-
854	854	2'B' dhtr	DHMMU	120 km/h	588 kW	8,5 kW/t	x	x	x
<b>CEV: Chemins de fer Electriques Veveysans</b>									
Be2/6	GTWe26-BT1 = 1,2kV	2'Bo'2' etr	EMU	80 km/h	600 kW	12,0 kW/t	x	-	-
<b>CFR: Căile Ferate Române</b>									
41	060EA1	Co'Co' e	Electric engine	160 km/h	5100 kW	40,4 kW/t	x	-	-
45	060EA1M	Co'Co' e	Electric engine	160 km/h	5100 kW	40,4 kW/t	x	-	-
60	060DA	Co'Co' de	Diesel-electric engine	100 km/h	1544 kW	10,0 kW/t	x	-	-
65	TE109G2	Co'Co' de	Diesel-electric engine	120 km/h	2206 kW	13,9 kW/t	x	x	x
83	119 Umbau RAW Ch.	C'C' dh	Diesel-hydraulic engine	120 km/h	2200 kW	12,2 kW/t	x	x	x
87	L45H	B'B' dh	Diesel-hydraulic engine	40 km/h	331 kW	5,9 kW/t	x	x	x
<b>CIS: Cisalpino AG</b>									
ETR470	ETR470	6x((1A)'(A1)')+3x(2'2') etr	EMU	200 km/h	5880 kW	11,6 kW/t	x	-	-
<b>CNR: Canadian National Railway</b>									
Dash9	Dash9-44CW	Co'Co' de	Diesel-electric engine	113 km/h	3285 kW	14,8 kW/t	x	-	-
SD60M	SD60M	Co'Co' de	Diesel-electric engine	113 km/h	2835 kW	13,3 kW/t	x	-	-
<b>CPR: Canadian Pacific Railway</b>									
AC4400CW	AC4400CW	Co'Co' de	Diesel-electric engine	121 km/h	3285 kW	14,7 kW/t	x	-	-
SD40-2	SD40-2	Co'Co' de	Diesel-electric engine	113 km/h	2430 kW	10,8 kW/t	x	-	-
SD9043MAC	SD9043MAC	Co'Co' de	Diesel-electric engine	121 km/h	3209 kW	14,2 kW/t	x	-	-
<b>CR: Chiltern Railways</b>									
165/02	DMU165/02 zweiteilig	B'2'+B'2' dhtr	DHMMU	121 km/h	520 kW	5,4 kW/t	x	-	-
165/03	DMU165/03 dreiteilig	B'2'+B'2'+B'2' dhtr	DHMMU	121 km/h	780 kW	5,4 kW/t	x	-	-
168/4	DMU168/4 vierteilig	B'2'+B'2'+2'B'+2'B' dhtr	DHMMU	161 km/h	1260 kW	5,6 kW/t	x	-	-
<b>Cx: Veoliatransdev Deutschland (ehem. Connex Verkehr GmbH)</b>									

146.2	146.1 - 5,6 MW	Bo'Bo' e	Electric engine	160 km/h	5600 kW	66,0 kW/t	x	-	-
185	185 - 5,6 MW	Bo'Bo' e	Electric engine	140 km/h	5600 kW	66,0 kW/t	x	-	-
643	Talent3dm063 dreiteilig	B'2'2'B' trdm	DMMU	120 km/h	630 kW	4,4 kW/t	x	-	-
643-2	Talent2dm063 zweiteilig	B'2'B' trdm	DMMU	120 km/h	630 kW	6,7 kW/t	x	-	-
643-M	Talent2dmM zweiteilig	B'2'B' trdm	DMMU	100 km/h	630 kW	7,2 kW/t	x	-	-
Desiro2	SR20D2 Desiro	B'2'B' dmtr	DMMU	120 km/h	550 kW	5,7 kW/t	x	-	x
Desiro3	SR20D3 Desiro	B'2'B' dmtr	DMMU	120 km/h	630 kW	6,4 kW/t	x	-	-
Integral	5SD95 fünfteilig	A'A'1'1'1'A' trdh	DHMU	140 km/h	945 kW	8,2 kW/t	x	-	-
LINT-41	LINT-41-120 zweiteilig	B'(2)B' dmtr	DMMU	120 km/h	630 kW	5,6 kW/t	x	-	-
V100	V100.4.1 1050 kW; GSR 30/5.7	B'B' dh	Diesel-hydraulic engine	100 km/h	1036 kW	9,9 kW/t	x	-	-
V200	G1206BB-V	B'B' dh	Diesel-hydraulic engine	100 km/h	1500 kW	12,8 kW/t	x	-	-
V300	G2000BB	B'B' dh	Diesel-hydraulic engine	120 km/h	2240 kW	20,0 kW/t	x	-	-
<b>DBG: Döllnitzbahn GmbH Oschatz - Mügeln - Kemmlitz</b>									
31	V10C 750/1000 mm	C dm	Diesel-mechanical engine	24 km/h	75 kW	3,1 kW/t	x	x	x
33	L30H	C dh	Diesel-hydraulic engine	25 km/h	257 kW	6,9 kW/t	x	x	x
199.008	Ns4 750 mm	B dm	Diesel-mechanical engine	24 km/h	66 kW	2,9 kW/t	x	x	x
<b>DR: Deutsche Reichsbahn 1924 - 1992 (EDV-Bezeichnungen ab 1972)</b>									
01.15	01R (Reko, Rostf.)	2'C1' h2+2'2'T34/10	Superheated steam engine+Tender	130 km/h		10,4 kW/t	x	x	-
01.20	01 (Einh.)	2'C1' h2+2'2'T34/10	Superheated steam engine+Tender	130 km/h	2330 kW	10,1 kW/t	x	x	x
02.02	02U (Umbau 1961)	2'C1' h3+2'2'T34/10	Superheated steam engine+Tender	175 km/h		9,6 kW/t	x	x	-
03.20	03 (Einh.)	2'C1' h2+2'2'T34/10	Superheated steam engine+Tender	130 km/h		8,4 kW/t	x	x	x
38.10	P8	2'C h2+2'2'T21,5/7	Superheated steam engine+Tender	100 km/h		6,0 kW/t	x	x	x
39.0	P10	1'D1' h3+2'2'T31,5/7	Superheated steam engine+Tender	110 km/h		6,8 kW/t	x	x	x
39.10	22R (P10 Reko)	1'D1' h3+2'2'T34/10	Superheated steam engine+Tender	110 km/h		7,9 kW/t	x	x	-
41	41R (Reko)	1'D1' h2+2'2'T32/10	Superheated steam engine+Tender	90 km/h		6,8 kW/t	x	x	x
44	44R (Reko Rostf.)	1'E h3+2'2'T34/10	Superheated steam engine+Tender	80 km/h	1923 kW	7,4 kW/t	x	x	x
50	50 (Einh.)	1'E h2+2'2'T26/8	Superheated steam engine+Tender	80 km/h		7,0 kW/t	x	x	x
50.35	50R (Reko)	1'E h2+2'2'T26/8	Superheated steam engine+Tender	80 km/h		8,4 kW/t	x	x	-
52.10	52K	1'E h2+4T30/8	Superheated steam engine+Tender	80 km/h	1097 kW	6,3 kW/t	x	x	-
52.80	52R (Reko)	1'E h2+2'2'T30/10	Superheated steam engine+Tender	80 km/h		7,8 kW/t	x	x	x
58.30	58R (G12 Reko)	1'E h3	Superheated steam engine	70 km/h		8,1 kW/t	x	x	x
64	64 (Einh.)	1'C1' h2t	Superheated steam engine	90 km/h		9,2 kW/t	x	x	x
65.10	65.10 (Neubau)	1'D2' h2t	Superheated steam engine	90 km/h		8,7 kW/t	x	x	x
86	86 (Einh.)	1'D1' h2t	Superheated steam engine	80 km/h		9,1 kW/t	x	x	x
89.60	T3	C n2t	Saturated steam engine	40 km/h	247 kW	5,6 kW/t	x	x	-
95.10	T20	1'E1' h2t	Superheated steam engine	65 km/h		9,3 kW/t	x	x	x
99.15-16	IV K	B'B' n4vt	Saturated steam engine	30 km/h		4,5 kW/t	x	x	x
99.15-16 Reko	99.51 (IV K Neubau)	B'B' n4vt	Saturated steam engine	30 km/h		5,6 kW/t	x	x	x
99.16-17 Reko	99.64 (VI K Neubau)	E h2t	Superheated steam engine	30 km/h		7,2 kW/t	x	x	x
99.173	99.73 (Einh.)	1'E1' h2t	Superheated steam engine	30 km/h		6,6 kW/t	x	x	x
99.177	99.77 (Neubau)	1'E1' h2t	Superheated steam engine	30 km/h		7,1 kW/t	x	x	x
99.590	99.590 NWE 11..15, 41	B'B' n4vt	Saturated steam engine	30 km/h		4,9 kW/t	x	x	x
99.600	99.600 NWE 21	1'C1' h2t	Superheated steam engine	50 km/h		7,7 kW/t	x	x	x
99.610	99.610 NWE 6/7	C h2t	Superheated steam engine	30 km/h		7,4 kW/t	x	x	x
99.722	99.23 (Neubau)	1'E1' h2t	Superheated steam engine	40 km/h		7,4 kW/t	x	x	x
100	Köf	B dh	Diesel-hydraulic engine	30 km/h	92 kW	3,1 kW/t	x	x	x
101	V15 5-7	B dh	Diesel-hydraulic engine	42 km/h	132 kW	4,9 kW/t	x	x	x
102	V23 .1-2	B dh	Diesel-hydraulic engine	40 km/h	162 kW	5,8 kW/t	x	x	x
104	104 Streckengang	D dh	Diesel-hydraulic engine	50 km/h	380 kW	4,2 kW/t	x	x	x
104 LG	104LG Langsamgang	D dh	Diesel-hydraulic engine	25 km/h	380 kW	4,2 kW/t	x	-	-
106	V60D Streckengang	D dh	Diesel-hydraulic engine	60 km/h	478 kW	6,3 kW/t	x	-	x
106 LG	V60D-L Langsamgang	D dh	Diesel-hydraulic engine	30 km/h	478 kW	6,3 kW/t	x	-	-
107	T435.0	Bo'Bo' de	Diesel-electric engine	60 km/h	551 kW	7,1 kW/t	x	-	-
108	V100-6	B'B' dh	Diesel-hydraulic engine	60 km/h	736 kW	8,0 kW/t	x	-	-
108 LG	V100-6L Langsamgang	B'B' dh	Diesel-hydraulic engine	25 km/h	736 kW	8,0 kW/t	x	-	-
110	V100	B'B' dh	Diesel-hydraulic engine	100 km/h	736 kW	7,7 kW/t	x	x	x
110 LG	V100-L Langsamgang	B'B' dh	Diesel-hydraulic engine	65 km/h	736 kW	8,0 kW/t	x	-	-
111	V100-L Langsamgang	B'B' dh	Diesel-hydraulic engine	65 km/h	736 kW	8,0 kW/t	x	-	-
112	112	B'B' dh	Diesel-hydraulic engine	100 km/h	883 kW	9,0 kW/t	x	x	x
114	114	B'B' dh	Diesel-hydraulic engine	100 km/h	1100 kW	11,2 kW/t	x	x	x
118.5	V180 remotorisiert	B'B' dh	Diesel-hydraulic engine	120 km/h	1472 kW	12,7 kW/t	x	x	x
118.6	V180 remotorisiert	C'C' dh	Diesel-hydraulic engine	120 km/h	1766 kW	12,9 kW/t	x	x	x
119	119 Umbau RAW Ch.	C'C' dh	Diesel-hydraulic engine	120 km/h	2200 kW	12,2 kW/t	x	x	x
120	M62	Co'Co' de	Diesel-electric engine	100 km/h	1470 kW	8,2 kW/t	x	-	x
130	TE109	Co'Co' de	Diesel-electric engine	140 km/h	2206 kW	15,8 kW/t	x	-	-
131	TE109G1	Co'Co' de	Diesel-electric engine	100 km/h	2206 kW	15,8 kW/t	x	-	-
132	TE109G2	Co'Co' de	Diesel-electric engine	120 km/h	2206 kW	13,9 kW/t	x	x	x
142	TE113	Co'Co' de	Diesel-electric engine	120 km/h	2942 kW	17,6 kW/t	x	-	-
171	VT2.09 einteilig	1A trdm	DMMU	90 km/h	132 kW	3,5 kW/t	x	x	x
172	VT2.09 einteilig	1A trdm	DMMU	90 km/h	132 kW	3,5 kW/t	x	x	x
4x175	VT18.16x4 vierteilig	B'2'+2x(2'2')+2'B' dhtr	DHMU	160 km/h	1472 kW	4,3 kW/t	x	x	x
5x175	VT18.16x5 fünfteilig	B'2'+3x(2'2')+2'B' dhtr	DHMU	160 km/h	1472 kW	3,6 kW/t	x	x	x
6x175	VT18.16x6 sechsteilig	B'2'+4x(2'2')+2'B' dhtr	DHMU	160 km/h	1472 kW	3,1 kW/t	x	x	x

199.3	V30C	C dh	Diesel-hydraulic engine	30 km/h	243 kW	5,3 kW/t	x	x	x
199.8	199.8	C' C' dh	Diesel-hydraulic engine	50 km/h	883 kW	8,7 kW/t	x	x	x
204	E04	1'Co1' e	Electric engine	130 km/h	2190 kW	22,6 kW/t	x	x	-
211	E11	Bo'Bo' e	Electric engine	120 km/h	2920 kW	33,8 kW/t	x	x	x
212	212	Bo'Bo' e	Electric engine	160 km/h	4220 kW	48,7 kW/t	x	x	x
218	E18	1'Do1' e	Electric engine	150 km/h	3040 kW	26,6 kW/t	x	x	-
230	76E-15 ~ 15kV, 16,7Hz	Bo'Bo' e	Electric engine	120 km/h	3080 kW	34,1 kW/t	x	-	-
242	E42	Bo'Bo' e	Electric engine	100 km/h	2920 kW	33,3 kW/t	x	x	x
243	243 .8	Bo'Bo' e	Electric engine	120 km/h	3720 kW	43,8 kW/t	x	x	x
244	E44	Bo'Bo' e	Electric engine	90 km/h	2200 kW	26,8 kW/t	x	x	-
250	250	Co'Co' e	Electric engine	125 km/h	5400 kW	43,0 kW/t	x	x	x
251	251 ~ 25kV, 50Hz	Co'Co' e	Electric engine	80 km/h	3660 kW	24,8 kW/t	x	x	x
252	252	Co'Co' e	Electric engine	125 km/h	5880 kW	45,1 kW/t	x	x	x
254	E94	Co'Co' e	Electric engine	90 km/h	3240 kW	24,1 kW/t	x	x	-
279.2	279.2 Reko 1982-1984	Bo etr	EMU	50 km/h	120 kW	5,4 kW/t	x	-	-
SKL24	SKL24 Motor 4 NVD 12,5 SRL, 4-Gang-Getriebe	B dm	Diesel-mechanical engine	50 km/h	30 kW	4,3 kW/t	x	x	-
<b>DRB: Deutsche Reichsbahn 1924 - 1992 (Bezeichnungen bis 1972 vor EDV)</b>									
01	01 (Einh.)	2'C1' h2+2'2'T34/10	Superheated steam engine+Tender	130 km/h	2330 kW	10,1 kW/t	x	x	x
01.5	01R (Reko, Rostf.)	2'C1' h2+2'2'T34/10	Superheated steam engine+Tender	130 km/h		10,4 kW/t	x	x	-
03	03 (Einh.)	2'C1' h2+2'2'T34/10	Superheated steam engine+Tender	130 km/h		8,4 kW/t	x	x	x
05	05 (Einh.)	2'C2' h3+2'3'T37/10	Superheated steam engine+Tender	175 km/h		7,4 kW/t	x	x	-
18.0	XVIII H	2'C1' h3+2'2'T31/7	Superheated steam engine+Tender	120 km/h		8,3 kW/t	x	x	x
18.2	02U (Umbau 1961)	2'C1' h3+2'2'T34/10	Superheated steam engine+Tender	175 km/h		9,6 kW/t	x	x	-
19.0	XX HV	1'D1' h4v+2'2'T38/9	Superheated steam engine+Tender	120 km/h		6,7 kW/t	x	x	x
22.0	22R (P10 Reko)	1'D1' h3+2'2'T34/10	Superheated steam engine+Tender	110 km/h		7,9 kW/t	x	x	-
38.10-40	P8	2'C h2+2'2'T21,5/7	Superheated steam engine+Tender	100 km/h		6,0 kW/t	x	x	x
39.0-2	P10	1'D1' h3+2'2'T31,5/7	Superheated steam engine+Tender	110 km/h		6,8 kW/t	x	x	x
41 Reko	41R (Reko)	1'D1' h2+2'2'T32/10	Superheated steam engine+Tender	90 km/h		6,8 kW/t	x	x	x
44 Reko	44R (Reko Rostf.)	1'E h3+2'2'T34/10	Superheated steam engine+Tender	80 km/h	1923 kW	7,4 kW/t	x	x	x
50	50 (Einh.)	1'E h2+2'2'T26/8	Superheated steam engine+Tender	80 km/h		7,0 kW/t	x	x	x
50.35	50R (Reko)	1'E h2+2'2'T26/8	Superheated steam engine+Tender	80 km/h		8,4 kW/t	x	x	-
52	52K	1'E h2+4T30/8	Superheated steam engine+Tender	80 km/h	1097 kW	6,3 kW/t	x	x	-
52.80	52R (Reko)	1'E h2+2'2'T30/10	Superheated steam engine+Tender	80 km/h		7,8 kW/t	x	x	x
56.2-9	56U (G8.1 Umbau)	1'D h2+3T16,5/7	Superheated steam engine+Tender	70 km/h		7,6 kW/t	x	x	x
56.20-30	G8.2 (Rostf.)	1'D h2+3T20/6	Superheated steam engine+Tender	75 km/h		8,3 kW/t	x	x	x
57.10	G10	E h2+3T16,5/7	Superheated steam engine+Tender	60 km/h		7,0 kW/t	x	x	x
58.4	G12	1'E h3+3T20/6	Superheated steam engine+Tender	65 km/h		8,0 kW/t	x	x	x
58.10-21	G12	1'E h3+3T20/6	Superheated steam engine+Tender	65 km/h		8,0 kW/t	x	x	x
58.30	58R (G12 Reko)	1'E h3	Superheated steam engine	70 km/h		8,1 kW/t	x	x	x
64	64 (Einh.)	1'C1' h2t	Superheated steam engine	90 km/h		9,2 kW/t	x	x	x
65.10	65.10 (Neubau)	1'D2' h2t	Superheated steam engine	90 km/h		8,7 kW/t	x	x	x
74.4-13	T12	1'C h2t	Superheated steam engine	80 km/h		10,9 kW/t	x	x	x
75.5	XIV HT	1'C1' h2t	Superheated steam engine	75 km/h		8,4 kW/t	x	x	x
78.0-5	T18	2'C2' h2t	Superheated steam engine	100 km/h		8,2 kW/t	x	x	x
86	86 (Einh.)	1'D1' h2t	Superheated steam engine	80 km/h		9,1 kW/t	x	x	x
89.60	T3	C n2t	Saturated steam engine	40 km/h	247 kW	5,6 kW/t	x	x	-
89.70-75	T3	C n2t	Saturated steam engine	40 km/h	247 kW	5,6 kW/t	x	x	-
93.5	T14.1	1'D1' h2t	Superheated steam engine	70 km/h		7,3 kW/t	x	x	x
94.5-18	T16.1	E h2t	Superheated steam engine	45 km/h		9,7 kW/t	x	x	x
94.20-21	XI HT	E h2t	Superheated steam engine	45 km/h	988 kW	10,4 kW/t	x	x	x
95.0	T20	1'E1' h2t	Superheated steam engine	65 km/h		9,3 kW/t	x	x	x
96.0	Gt 2x4/4	D'D' h4vt	Superheated steam engine	50 km/h		6,5 kW/t	x	x	x
99.22	99.23 (Neubau)	1'E1' h2t	Superheated steam engine	40 km/h		7,4 kW/t	x	x	x
99.51-60	IV K	B'B' n4vt	Saturated steam engine	30 km/h		4,5 kW/t	x	x	x
99.51-60 Reko	99.51 (IV K Neubau)	B'B' n4vt	Saturated steam engine	30 km/h		5,6 kW/t	x	x	x
99.64-71 Reko	99.64 (VI K Neubau)	E h2t	Superheated steam engine	30 km/h		7,2 kW/t	x	x	x
99.73-76	99.73 (Einh.)	1'E1' h2t	Superheated steam engine	30 km/h		6,6 kW/t	x	x	x
99.77-79	99.77 (Neubau)	1'E1' h2t	Superheated steam engine	30 km/h		7,1 kW/t	x	x	x
E04	E04	1'Co1' e	Electric engine	130 km/h	2190 kW	22,6 kW/t	x	x	-
E18	E18	1'Do1' e	Electric engine	150 km/h	3040 kW	26,6 kW/t	x	x	-
E44	E44	Bo'Bo' e	Electric engine	90 km/h	2200 kW	26,8 kW/t	x	x	-
E94	E94	Co'Co' e	Electric engine	90 km/h	3240 kW	24,1 kW/t	x	x	-
E95	E95	1'Co+Co1' e	Electric engine	70 km/h	2778 kW	17,0 kW/t	x	x	x
V36	WR360C14	C dh	Diesel-hydraulic engine	60 km/h	265 kW	4,1 kW/t	x	-	-
VT137.32	VT137.32 137 322-325	B'2' dhtr	DHMU	45 km/h	132 kW	3,2 kW/t	x	x	x
<b>DSB: Danske Statsbaner</b>									
EG	EG3100	Co'Co' e	Electric engine	140 km/h	6500 kW	48,9 kW/t	x	-	-
ER	IR4E vierteilig, elektrisch	Bo'(2')(2')(2')Bo' etr	EMU	180 km/h	1680 kW	11,0 kW/t	x	-	-
ET	IC3E dreiteilig, elektrisch	Bo'Bo'+2'2'+Bo'Bo' etr	EMU	180 km/h	2340 kW	13,4 kW/t	x	-	-
MF	IC3D dreiteilig, diesel	(1A')(A1')(1A')(A1) dmtr	DMMU	180 km/h	1176 kW	7,3 kW/t	x	-	-
MK	G322 Streckengang	B dh	Diesel-hydraulic engine	60 km/h	330 kW	5,6 kW/t	x	-	-
MR	MR zweiteilig	2'B'+B'2' trdh	DHMU	130 km/h	474 kW	4,7 kW/t	x	-	-
<b>DVB: Dresdener Verkehrsbetriebe AG</b>									

T4D-MT	T4D MT	Bo'Bo' etr	EMU	60 km/h	172 kW	7,7 kW/t	x	x	x
<b>EFE: Empresa de los Ferrocarriles del Estado, Chile</b>									
SD39M-3	SD39M-3	Co'Co' de	Diesel-electric engine	102 km/h	1720 kW	12,9 kW/t	x	-	-
<b>ER: Etihad Rail DB Operations</b>									
GKW	GKW54-24	B'B' dh	Diesel-hydraulic engine	100 km/h	660 kW	11,8 kW/t	x	-	-
K4600	Kershaw4600 Ballast Regulator	A1 dh	Diesel-hydraulic engine	56 km/h	186 kW	6,0 kW/t	x	-	-
P09	09-4X	B'2'+2'2' dh	Diesel-hydraulic engine	100 km/h	440 kW	2,1 kW/t	x	-	-
RRV	Chevrolet Silverado 3500D	1'A dh	Diesel-hydraulic engine	40 km/h	292 kW	21,3 kW/t	x	-	-
SD70ACS	SD70ACS	Co'Co' de	Diesel-electric engine	113 km/h	3216 kW	14,8 kW/t	x	-	-
<b>ERL: Ekspres Rail Link, Kulala Lumpur, Malaysia</b>									
Ekspres	ET425M-ERL vierteilig	Bo'Bo'2'Bo'Bo' etr	EMU	160 km/h	1850 kW	13,9 kW/t	x	-	-
Transit	ET425M-CRS vierteilig	Bo'Bo'2'Bo'Bo' etr	EMU	160 km/h	1850 kW	11,8 kW/t	x	-	-
<b>ET: Eurostar UK Ltd.</b>									
92	92-0,75 = 750V	Co'Co' e	Electric engine	140 km/h	4080 kW	32,2 kW/t	x	-	-
373	TGV-Tr0,75 = 750 V	6x(Bo'+18x(2')) etr	EMU	113 km/h	3400 kW	4,1 kW/t	x	-	-
<b>EWS: English, Welsh &amp; Scottish Railway Ltd.</b>									
37	Type3	Co'Co' de	Diesel-electric engine	129 km/h	1300 kW	8,6 kW/t	x	x	x
59	JT265S-55-2	Co'Co' de	Diesel-electric engine	121 km/h	2460 kW	15,0 kW/t	x	-	-
66	JT42CWR	Co'Co' de	Diesel-electric engine	121 km/h	2385 kW	14,7 kW/t	x	x	x
67	JT42HW-HS	Bo'Bo' de	Diesel-electric engine	201 km/h	2385 kW	20,6 kW/t	x	x	x
92-0,75	92-0,75 = 750V	Co'Co' e	Electric engine	140 km/h	4080 kW	32,2 kW/t	x	-	-
92-25	92-25 ~ 25kV, 50Hz	Co'Co' e	Electric engine	140 km/h	5100 kW	40,3 kW/t	x	-	-
<b>FO: Ferroviana Oriental S.A. (Bolivien)</b>									
Ferrobuss	FB zweiteilig	B'B'+2'2' trdm	DMMU	100 km/h	440 kW	6,1 kW/t	x	-	-
Ferrobuss2	FB zweiteilig	B'B'+2'2' trdm	DMMU	100 km/h	440 kW	6,1 kW/t	x	-	-
GR12U	GR12U	Co'Co' de	Diesel-electric engine	91 km/h	990 kW	8,5 kW/t	x	-	-
U10B	U10B-875	Bo'Bo' de	Diesel-electric engine	103 km/h	645 kW	8,7 kW/t	x	-	-
U20C-2150	U20C-2150	Co'Co' de	Diesel-electric engine	103 km/h	1580 kW	14,6 kW/t	x	-	-
U20C-2250	U20C-2250	Co'Co' de	Diesel-electric engine	103 km/h	1660 kW	14,9 kW/t	x	-	-
<b>FS: Ferrovie dello Stato, Italia</b>									
ATR410	ATR410	Bo'Bo'+Bo'Bo' detr	DEMU	160 km/h	1060 kW	6,8 kW/t	x	-	-
E412-1,5	E412-1,5 = 1,5 kV	Bo'Bo' e	Electric engine	200 km/h	2525 kW	28,7 kW/t	x	-	-
E412-15	E412-15 ~ 15kV, 16,7Hz	Bo'Bo' e	Electric engine	200 km/h	5150 kW	58,6 kW/t	x	-	-
E412-3	E412-3 = 3 kV	Bo'Bo' e	Electric engine	200 km/h	5600 kW	63,7 kW/t	x	-	-
ETR500	ETR500	Bo'Bo'+11x(2'2')+Bo'Bo' etr	EMU	300 km/h	8800 kW	14,5 kW/t	x	-	-
<b>FUC: Ferrovie Udine Cividale</b>									
190.301	ES64U4-AC60 6,0 MW; ~ 15kV; ~ 25kV	Bo'Bo' e	Electric engine	230 km/h	6000 kW	67,9 kW/t	x	-	-
<b>GKB: Graz-Köflacher Eisenbahn GmbH</b>									
2150.9	G1206BB-V	B'B' dh	Diesel-hydraulic engine	100 km/h	1500 kW	12,8 kW/t	x	-	-
DH1500	DH1500	B'B' dh	Diesel-hydraulic engine	100 km/h	1120 kW	11,4 kW/t	x	-	-
<b>GNER: Great North Eastern Railway</b>									
1x43	1x43	Bo'Bo' de	Diesel-electric engine	201 km/h	1680 kW	18,9 kW/t	x	-	-
2x43	2x43	Bo'Bo'+Bo'Bo' de	Diesel-electric engine	201 km/h	3360 kW	18,9 kW/t	x	x	x
1x91	1x91	Bo'Bo' e	Electric engine	201 km/h	4800 kW	56,0 kW/t	x	-	-
2x91	2x91	Bo'Bo'+Bo'Bo' e	Electric engine	201 km/h	9600 kW	56,0 kW/t	x	-	-
<b>HGK: Häfen und Güterverkehr Köln AG</b>									
145	145	Bo'Bo' e	Electric engine	140 km/h	4200 kW	49,5 kW/t	x	-	-
185	185 - 5,6 MW	Bo'Bo' e	Electric engine	140 km/h	5600 kW	66,0 kW/t	x	-	-
Class 66 HGK	JT42CWR	Co'Co' de	Diesel-electric engine	121 km/h	2385 kW	14,7 kW/t	x	-	x
DE 1002 HGK	DE 1002	B'B'		90 km/h	1320 kW	11,3 kW/t	x	-	-
DE 1024	DE 1024	Co'Co'		160 km/h	2650 kW	16,1 kW/t	x	-	-
G 1000 HGK	G 1000	B'B'		100 km/h	1100 kW	10,6 kW/t	x	-	-
G 1206	G1206BB-EH	B'B' dh	Diesel-hydraulic engine	90 km/h	1500 kW	12,8 kW/t	x	-	-
G1000BB	G1000BB Streckengang	B'B' dh	Diesel-hydraulic engine	100 km/h	1100 kW	10,0 kW/t	x	-	-
G1700 HGK	G1700	B'B' dh	Diesel-hydraulic engine	100 km/h	1700 kW	14,8 kW/t	x	-	-
G2000 BB	G2000BB	B'B' dh	Diesel-hydraulic engine	120 km/h	2240 kW	20,0 kW/t	x	-	-
G320 HGK	G 320 B	B'		22 km/h	240 kW	4,6 kW/t	x	-	-
K4000	K4000	Bo'2'Bo'		80 km/h	480 kW	11,4 kW/t	x	-	-
K4001	K4001	Bo'2'Bo'		80 km/h	480 kW	13,0 kW/t	x	-	-
VVB-Stadtbahnwagen	B80 D	Bo'2'Bo'		80 km/h	390 kW	10,0 kW/t	x	-	-
Maxima 30CC	Maxima 30 CC	C'C' dh	Diesel-hydraulic engine	120 km/h	2750 kW	16,8 kW/t	x	-	-
Maxima 40 CC	Maxima 40 CC	C'C' dh	Diesel-hydraulic engine	120 km/h	3600 kW	21,9 kW/t	x	-	-
SKL	KL1 (Baufahrzeug)	B dh	Diesel-hydraulic engine	50 km/h	123 kW	3,8 kW/t	x	-	-
WB-Stadtbahnwagen	B100	Bo'2'Bo'		100 km/h	390 kW	10,0 kW/t	x	-	-
<b>HLB: Hessische Landesbahn GmbH</b>									
609_FKE	VTA	Bo'2'Bo' detr	DEMU	100 km/h	485 kW	5,7 kW/t	x	-	x
628_HLB	628.9 zweiteilig	2'B'+B'2' trdh	DHMU	120 km/h	970 kW	8,9 kW/t	x	-	-
642_HLB	SR20D2 Desiro	B'2'B' dmtr	DMMU	120 km/h	550 kW	5,7 kW/t	x	x	x
646_EWS	GTWd26-D	2'Bo'2' detr	DEMU	120 km/h	550 kW	6,3 kW/t	x	-	-
646_WET	GTWd26-D	2'Bo'2' detr	DEMU	120 km/h	550 kW	6,3 kW/t	x	-	-
648_EWS	LINT-41-120 zweiteilig	B'(2)' dmtr	DMMU	120 km/h	630 kW	5,6 kW/t	x	-	-
650_EWS	RS-1b einteilig, 2x257kW	B'B' dmtr	DMMU	120 km/h	514 kW	7,9 kW/t	x	x	x
V831	DE1002-HLB	Bo'Bo' de	Diesel-electric engine	70 km/h	1170 kW	10,5 kW/t	x	-	-



<b>HSB: Harzer Schmalspurbahnen GmbH</b>									
99.590	99.590 NWE 11..15, 41	B'B n4vt	Saturated steam engine	30 km/h		4,9 kW/t	x	x	x
99.600	99.600 NWE 21	1'C1' h2t	Superheated steam engine	50 km/h		7,7 kW/t	x	x	x
99.610	99.610 NWE 6/7	C h2t	Superheated steam engine	30 km/h		7,4 kW/t	x	x	x
99.722	99.23 (Neubau)	1'E1' h2t	Superheated steam engine	40 km/h		7,4 kW/t	x	x	x
187.00	187.00 GHE T1	A1 trdm	DMMU	40 km/h	66 kW	3,4 kW/t	x	x	x
187.01	187.01 Neubau-Tw.	B'2' trdh	DHMMU	50 km/h	235 kW	12,8 kW/t	x	x	x
187.02	187.02 NWE T3	Bo'Bo' detr	DEMU	60 km/h	346 kW	6,0 kW/t	x	x	x
187.2	CombinoDuo-D dreiteilig	Bo'Bo' detr	DEMU	70 km/h	180 kW	4,0 kW/t	x	-	-
199.3	V30C	C dh	Diesel-hydraulic engine	30 km/h	243 kW	5,3 kW/t	x	x	x
199.8	199.8	C'C' dh	Diesel-hydraulic engine	50 km/h	883 kW	8,7 kW/t	x	x	x
<b>HZL: Hohenzollerische Landesbahn AG</b>									
NE81	NE81 400 kW, 90 km/h	B'B' dhtr	DHMMU	90 km/h	402 kW	6,4 kW/t	x	-	-
RS1	RS-1b einteilig, 2x257kW	B'B' dmtr	DMMU	120 km/h	514 kW	7,9 kW/t	x	x	x
V150	D100BB	B'B' dh	Diesel-hydraulic engine	70 km/h	1095 kW	11,8 kW/t	x	-	-
V180	Gravita 15L BB Streckengang	B'B' dh	Diesel-hydraulic engine	100 km/h	1800 kW	16,6 kW/t	x	-	-
<b>IR: Indian Railways</b>									
WAG7	WAG7	Co'Co' e	Electric engine	100 km/h	3675 kW	27,6 kW/t	x	-	-
WAM4	WAM4	Co'Co' e	Electric engine	110 km/h	2205 kW	16,5 kW/t	x	-	-
<b>KEG: Karsdorfer Eisenbahn-Gesellschaft</b>									
0200	240B Streckengang	B dh	Diesel-hydraulic engine	45 km/h	176 kW	4,1 kW/t	x	x	x
0600	V60D Streckengang	D dh	Diesel-hydraulic engine	60 km/h	478 kW	6,3 kW/t	x	x	x
0700	T458.1	Bo'Bo' de	Diesel-electric engine	80 km/h	551 kW	5,9 kW/t	x	-	-
2100	060DA	Co'Co' de	Diesel-electric engine	100 km/h	1544 kW	10,0 kW/t	x	-	-
ES64U2	ES64U2 ~ 15kV; ~ 25kV	Bo'Bo' e	Electric engine	230 km/h	6400 kW	73,3 kW/t	x	-	-
VT2.x	VT2	A1 dmtr	DMMU	90 km/h	147 kW	4,7 kW/t	x	x	x
VT3.x	LVT/S	A'1' trdm	DMMU	100 km/h	265 kW	9,5 kW/t	x	-	-
W232	W232	Co'Co' de	Diesel-electric engine	100 km/h	2206 kW	13,4 kW/t	x	-	-
<b>KVG: Kahlgrund-Verkehrs GmbH</b>									
VT642	SR20D2 Desiro	B'2'B' dmtr	DMMU	120 km/h	550 kW	5,7 kW/t	x	x	x
VT80	NE81-2 400 kW, 80 km/h	B'B' dhtr	DHMMU	80 km/h	402 kW	6,4 kW/t	x	-	-
VT82	NE82 500 kW, 100 km/h	B'B' dhtr	DHMMU	100 km/h	500 kW	6,8 kW/t	x	-	-
VT97	RS-1b einteilig, 2x257kW	B'B' dmtr	DMMU	120 km/h	514 kW	7,9 kW/t	x	x	x
<b>LKAB: Malmtrafik AB, Kiruna, Sverige</b>									
IORE	Octeon	Co'Co'+Co'Co' e	Electric engine	80 km/h	11200 kW	30,0 kW/t	x	x	x
<b>Leo: LEO Express a.s, Praha, Česká republika</b>									
480	Flirt-5E-200 fünfteilig	Bo'(2')(2')(2')(2')Bo'etr	EMU	160 km/h	2640 kW	15,4 kW/t	x	-	-
<b>MAV: Magyar Allamvasutak</b>									
1043	V43	B'B' e	Electric engine	130 km/h	2257 kW	26,8 kW/t	x	-	-
1047	ES64U2 ~ 15kV; ~ 25kV	Bo'Bo' e	Electric engine	230 km/h	6400 kW	73,3 kW/t	x	-	-
5341	Flirt-4E-168 vierteilig	Bo'(2')(2')(2')Bo'etr	EMU	160 km/h	2640 kW	18,3 kW/t	x	-	-
5342	Talent4e098 vierteilig	Bo'2'2'2'Bo'etr	EMU	140 km/h	1475 kW	10,4 kW/t	x	-	-
6342	SR20D2 Desiro	B'2'B' dmtr	DMMU	120 km/h	550 kW	5,7 kW/t	x	x	x
Mk45	L45H	B'B' dh	Diesel-hydraulic engine	40 km/h	331 kW	5,9 kW/t	x	x	x
<b>MBB: Mecklenburgische Bäderbahn Molln GmbH &amp; Co. KG</b>									
99.32	99.32	1'D1' h2	Superheated steam engine	50 km/h	300 kW	4,1 kW/t	x	x	-
99.33	99.33	Dh2	Superheated steam engine	35 km/h	200 kW	3,4 kW/t	x	x	-
<b>MC: Martigny - Châtelard - Bahn</b>									
BDeh4/8	BDeh4/8	Bo'2'+2'Bo'etr	EMU	70 km/h	1380 kW	15,3 kW/t	x	-	-
<b>MET: metronom Eisenbahngesellschaft mbH</b>									
146	146.1 - 5,6 MW	Bo'Bo' e	Electric engine	160 km/h	5600 kW	66,0 kW/t	x	-	-
246	185D-P360	Bo'Bo' de	Diesel-electric engine	160 km/h	2200 kW	18,3 kW/t	x	-	-
<b>MGB: Matterhorn - Gotthard-Bahn</b>									
ABDeh4/8	ABeh4/8	2'Bo'Bo'2'etr	EMU	80 km/h	1340 kW	14,8 kW/t	x	-	-
ABDeh4/10	ABeh4/10	2'2'Bo'Bo'2'etr	EMU	80 km/h	1340 kW	11,9 kW/t	x	-	-
ABDeh8/8	ABDeh8/8	Bo'Bo'+Bo'Bo'etr	EMU	55 km/h	1178 kW	11,0 kW/t	x	-	-
BDSeh4/8	BDSeh4/8	2'Bo'Bo'2'etr	EMU	80 km/h	1340 kW	15,6 kW/t	x	-	-
Bus	OM457G	1'1+A		110 km/h	220 kW	6,8 kW/t	x	-	-
Deh4/4	Deh4/4	Bo'Bo'etr	EMU	60 km/h	1030 kW	19,4 kW/t	x	-	-
Deh4/4-21	Deh4/4-2	Bo'Bo'etr	EMU	65 km/h	1095 kW	20,2 kW/t	x	-	-
Ge4/4	Ge4/4II	Bo'Bo' e	Electric engine	90 km/h	1549 kW	29,4 kW/t	x	-	-
HGe4/4I	HGe4/4I	Bo'Bo' e	Electric engine	45 km/h	576 kW	10,5 kW/t	x	-	-
HGe4/4In	HGe4/4In	Bo'Bo' e	Electric engine	55 km/h	576 kW	10,5 kW/t	x	-	-
HGe4/4II	HGe4/4II	Bo'Bo' e	Electric engine	90 km/h	1930 kW	28,7 kW/t	x	-	-
HGm2/2p	HGm2/2p	Bo' de	Diesel-electric engine	65 km/h	550 kW	19,3 kW/t	x	-	-
HGm2/2pz	HGm2/2pz	Bo' de	Diesel-electric engine	65 km/h	550 kW	19,3 kW/t	x	-	-
HGm2/2sz	HGm2/2sz	Bo' de	Diesel-electric engine	35 km/h	550 kW	19,3 kW/t	x	-	-
HGm4/4	HGm4/4	Bo'Bo' de	Diesel-electric engine	50 km/h	700 kW	9,6 kW/t	x	-	-
<b>MThB: Mittelthurgaubahn</b>									
486	145	Bo'Bo' e	Electric engine	140 km/h	4200 kW	49,5 kW/t	x	-	-
526	GTWe26-MThB ~ 15kV, 16,7Hz	2'Bo'2'etr	EMU	130 km/h	760 kW	10,5 kW/t	x	-	-
<b>NJT: New Jersey Transit</b>									
3500	GTWd26-NJT	2'Bo'2' detr	DEMU	110 km/h	550 kW	6,5 kW/t	x	-	-

ALP44	ALP44	Bo'Bo'e	Electric engine	200 km/h	5500 kW	55,3 kW/t	x	-	-
ALP46	ALP46	Bo'Bo'e	Electric engine	161 km/h	5360 kW	56,4 kW/t	x	-	-
<b>NS: Nederlandse Spoorwege</b>									
4650	ICE3DC achtteilig	4x(Bo'Bo') + 4x(2'2') etr	EMU	220 km/h	4340 kW	9,3 kW/t	x	-	-
6400	DE1002-NS	Bo'Bo' de	Diesel-electric engine	100 km/h	1200 kW	12,5 kW/t	x	-	-
<b>NSB: Norges Statsbaner BA</b>									
BM69D	BM69D dreiteilig	Bo'Bo'+2'2'+2'2' etr	EMU	130 km/h	1188 kW	7,6 kW/t	x	-	-
BM92	BM92 zweiteilig	2'Bo'+2'2'		140 km/h	714 kW	5,0 kW/t	x	-	-
BM93	Talent2dmN zweiteilig	B'2'B' dmtr	DMMU	140 km/h	630 kW	5,4 kW/t	x	-	-
Di3a	Di3a	Co'Co' de	Diesel-electric engine	105 km/h	1305 kW	10,3 kW/t	x	-	-
Di3b	Di3b	(A1A)'(A1A)' de	Diesel-electric engine	143 km/h	1305 kW	10,2 kW/t	x	-	-
Di4	Di4	Co'Co' de	Diesel-electric engine	140 km/h	2450 kW	18,5 kW/t	x	-	-
Di4v	Di4v	Co'Co' de	Diesel-electric engine	140 km/h	2450 kW	15,0 kW/t	x	-	-
Di6	ME26	Co'Co' de	Diesel-electric engine	160 km/h	2700 kW	18,5 kW/t	x	-	-
Di6v	ME26P4	Co'Co' de	Diesel-electric engine	160 km/h	2700 kW	16,8 kW/t	x	-	-
E116	E116	Bo'Bo'e	Electric engine	140 km/h	4440 kW	52,7 kW/t	x	x	x
E117	E117	Bo'Bo'e	Electric engine	150 km/h	3400 kW	52,6 kW/t	x	x	x
E118	E118	Bo'Bo'e	Electric engine	200 km/h	5400 kW	62,7 kW/t	x	-	-
<b>OKD: OKD Doprava, Česká republika</b>									
740-3	740-3	Bo'Bo' de	Diesel-electric engine	80 km/h	369 kW	3,8 kW/t	x	-	-
740.C	740.CAT	Bo'Bo' de	Diesel-electric engine	70 km/h	880 kW	9,4 kW/t	x	-	-
753-7	753-7	Bo'Bo' de	Diesel-electric engine	100 km/h	1456 kW	15,6 kW/t	x	-	-
<b>OSE: Organismos Siderodromon Ellados A.E. (Griechische Staatsbahn, OSE)</b>									
120	H560	Bo'Bo'e	Electric engine	200 km/h	5100 kW	62,5 kW/t	x	-	-
220.G	DE2000-G	Bo'Bo' de	Diesel-electric engine	160 km/h	2100 kW	21,4 kW/t	x	-	-
220.P4	DE2000-P120	Bo'Bo' de	Diesel-electric engine	160 km/h	2100 kW	20,2 kW/t	x	-	-
220.P6	DE2000-P180	Bo'Bo' de	Diesel-electric engine	160 km/h	2100 kW	19,5 kW/t	x	-	-
220.P8	DE2000-P240	Bo'Bo' de	Diesel-electric engine	160 km/h	2100 kW	18,9 kW/t	x	-	-
2x220.P10	2xDE2000-P300	Bo'Bo'+Bo'Bo' de	Diesel-electric engine	160 km/h	4200 kW	19,8 kW/t	x	-	-
220.P100	DE2000-P100	Bo'Bo' de	Diesel-electric engine	160 km/h	2100 kW	20,4 kW/t	x	-	-
220.P150	DE2000-P150	Bo'Bo' de	Diesel-electric engine	160 km/h	2100 kW	19,8 kW/t	x	-	-
220.P200	DE2000-P200	Bo'Bo' de	Diesel-electric engine	160 km/h	2100 kW	19,3 kW/t	x	-	-
220.P240	DE2000-P240	Bo'Bo' de	Diesel-electric engine	160 km/h	2100 kW	18,9 kW/t	x	-	-
220.P270	DE2000-P270	Bo'Bo' de	Diesel-electric engine	160 km/h	2100 kW	18,6 kW/t	x	-	-
220.P320	DE2000-P320	Bo'Bo' de	Diesel-electric engine	160 km/h	2100 kW	18,1 kW/t	x	-	-
220.P360	DE2000-P360	Bo'Bo' de	Diesel-electric engine	160 km/h	2100 kW	17,8 kW/t	x	-	-
2x220.P500	2xDE2000-P500	Bo'Bo'+Bo'Bo' de	Diesel-electric engine	160 km/h	4200 kW	18,8 kW/t	x	-	-
460	SR52E 5-teilig	Bo'(2)'(Bo)'(Bo)'(2)'Bo' etr	EMU	160 km/h	3090 kW	17,7 kW/t	x	-	-
520.i	IC4-OSE vierteilig	B' B' +2'2'+2'2'+B' B' detr	DEMU	160 km/h	1720 kW	7,0 kW/t	x	-	-
520.ii	IC5-OSE fünfteilig	B' B' +2'2'+2'2'+2'2'+B' B' detr	DEMU	160 km/h	1720 kW	5,8 kW/t	x	-	-
560	GTWd26-OSE	2'Bo2' detr	DEMU	115 km/h	550 kW	6,3 kW/t	x	x	x
620	KAT2 zweiteilig	B' B' +B' B' dhtr	DHMU	120 km/h	1024 kW	6,9 kW/t	x	-	-
621	KAT2000 zweiteilig	B' B' +B'2' dhtr	DHMU	120 km/h	850 kW	6,2 kW/t	x	-	-
660	SR20D2 Desiro	B'2'B' dmtr	DMMU	120 km/h	550 kW	5,7 kW/t	x	x	x
A201	DL532 B	Bo'Bo' de	Diesel-electric engine	100 km/h	700 kW	7,8 kW/t	x	-	-
A221	UM10B	Bo'Bo' de	Diesel-electric engine	110 km/h	793 kW	9,6 kW/t	x	-	-
A301	FRD7 DL500C	Co'Co' de	Diesel-electric engine	120 km/h	1320 kW	9,9 kW/t	x	-	-
A321	DL543	Co'Co' de	Diesel-electric engine	120 km/h	1470 kW	11,0 kW/t	x	-	-
A351	CC-AD2400C1	Co'Co' de	Diesel-electric engine	105 km/h	1550 kW	12,8 kW/t	x	-	-
A451	MX627s	Co'Co' de	Diesel-electric engine	150 km/h	2000 kW	13,9 kW/t	x	-	-
A501	MX636s	Co'Co' de	Diesel-electric engine	150 km/h	2613 kW	18,3 kW/t	x	-	-
3001	3001 750 mm	2'2z'+2+Bz'Bz' deztr	Rag railway	40 km/h	260 kW	7,5 kW/t	x	-	-
3004	3004 750 mm	2'2z'+2+Bz'Bz' detr	Rag railway	40 km/h	360 kW	8,6 kW/t	x	-	-
4201	2AK420 1000 mm	B'2'B' dmtr	DMMU	65 km/h	310 kW	3,6 kW/t	x	-	-
4401	GTWd26-OSE	2'Bo2' detr	DEMU	115 km/h	550 kW	6,3 kW/t	x	x	x
6401	6400 1000 mm	B'2'2'B' dmtr	DMMU	90 km/h	470 kW	4,6 kW/t	x	-	-
6461	A6460 1000 mm	B' B' +2'2'+2'2' dhtr	DHMU	100 km/h	840 kW	5,1 kW/t	x	-	-
6501	KAT4 dreiteilig, 1000 mm	B' B' +2'2'+B' B' dhtr	DHMU	121 km/h	1352 kW	8,0 kW/t	x	x	x
6521	KAT1 zweiteilig, 1000 mm	B'2'+2'B' dhtr	DHMU	110 km/h	512 kW	4,4 kW/t	x	x	x
9101	DL537 1000 mm	Co'Co' de	Diesel-electric engine	90 km/h	1000 kW	9,3 kW/t	x	-	x
9201	CC-AD1600 1000 mm	Co'Co' de	Diesel-electric engine	90 km/h	1180 kW	11,3 kW/t	x	-	-
9401F	CCAD1600A1 1000 mm	B' B' dh	Diesel-hydraulic engine	85 km/h	460 kW	7,4 kW/t	x	-	-
9401S	CCAD1600A2 1000 mm	B' B' dh	Diesel-hydraulic engine	50 km/h	460 kW	7,4 kW/t	x	-	-
AA32	AA32	(A1)'(A1)' dmtr	DMMU	95 km/h	410 kW	4,6 kW/t	x	-	-
AA91	AA91	B'2'+2'2' dhtr	DHMU	140 km/h	839 kW	5,9 kW/t	x	-	-
AMEL	AMACDC	Bo'Bo'+2'2'+Bo'Bo'+Bo'Bo'+2'2'+Bo'Bo' e	EMU	120 km/h	4253 kW	14,4 kW/t	x	-	-
DA1	OSEDA1	B' B' dm	Diesel-mechanical engine	30 km/h	180 kW	5,0 kW/t	x	-	-
101	101 600 mm	1'C n2t	Saturated steam engine	30 km/h		3,5 kW/t	x	-	-
DK8001	DK1 750 mm	C1' zz n4v	Rag railway	35 km/h	157 kW	9,6 kW/t	x	-	-
LB951	LB951	1'E h2	Superheated steam engine	75 km/h		8,0 kW/t	x	-	-
<b>PKP: Polskie Koleje Panstwowe</b>									
EN57	EN57AKM	2'2'+Bo'Bo'+2'2' etr	EMU	120 km/h	1400 kW	9,9 kW/t	x	-	-
EN75	Flirt-4E-168 vierteilig	Bo'(2)'(2)'(2)'Bo' etr	EMU	160 km/h	2640 kW	18,3 kW/t	x	-	-

EP07	303E = 3kV	Bo'Bo'e	Electric engine	125 km/h	3240 kW	37,4 kW/t	x	-	-
EP09	104Eb = 3kV	Bo'Bo'e	Electric engine	160 km/h	3700 kW	42,2 kW/t	x	-	-
EU46	VectronE-DC3 6,0 MW; = 3kV	Bo'Bo'e	Electric engine	160 km/h	6186 kW	69,0 kW/t	x	-	-
Lxd2	L45H	B'B' dh	Diesel-hydraulic engine	40 km/h	331 kW	5,9 kW/t	x	x	x
Lyd2	L30H	C dh	Diesel-hydraulic engine	25 km/h	257 kW	6,9 kW/t	x	x	x
SA103	214Ma einteilig	B'2' dmtr	DMMU	140 km/h	315 kW	4,2 kW/t	x	-	-
SA106	214M einteilig	B'2' dhtr	DHMMU	120 km/h	400 kW	5,7 kW/t	x	-	-
SA132	218Ma zweiteilig	B'(2)'B' dmtr	DMMU	140 km/h	630 kW	4,2 kW/t	x	-	-
SA134	218Md zweiteilig	B'(2)'B' dmtr	DMMU	140 km/h	720 kW	6,0 kW/t	x	-	-
ST43	060DA	Co'Co' de	Diesel-electric engine	100 km/h	1544 kW	10,0 kW/t	x	-	-
ST44	M62	Co'Co' de	Diesel-electric engine	100 km/h	1470 kW	8,2 kW/t	x	x	x
<b>RENFE: Red Nacional de los Ferrocarriles Espanoles</b>									
S103	Velaro-E achtteilig	4x(Bo'Bo') + 4x(2'2') etr	EMU	350 km/h	8980 kW	18,8 kW/t	x	-	-
<b>RJ: RegioJet a.s., Brno</b>									
193-AC	VectronE-AC64 6,4 MW; ~ 15kV; ~ 25kV	Bo'Bo'e	Electric engine	200 km/h	6600 kW	73,6 kW/t	x	-	-
193-DC3	VectronE-DC3 6,0 MW; = 3kV	Bo'Bo'e	Electric engine	160 km/h	6186 kW	69,0 kW/t	x	-	-
<b>RK: Rhenus Veniro</b>									
VT1-3	RS-1b einteilig, 2x257kW	B'B' dmtr	DMMU	120 km/h	514 kW	7,9 kW/t	x	x	x
VT2	Talent3dm063 dreiteilig	B'2'2'B' trdm	DMMU	120 km/h	630 kW	4,4 kW/t	x	-	-
VT4	LINT-41-120 zweiteilig	B'(2)'B' dmtr	DMMU	120 km/h	630 kW	5,6 kW/t	x	-	-
<b>ROeEE: Raaberbahn</b>									
1043	V43	B' B' e	Electric engine	130 km/h	2257 kW	26,8 kW/t	x	-	-
1047	ES64U2 ~ 15kV; ~ 25kV	Bo'Bo'e	Electric engine	230 km/h	6400 kW	73,3 kW/t	x	-	-
2044	M44	Bo'Bo' de	Diesel-electric engine	80 km/h	420 kW	4,5 kW/t	x	-	-
5047	5047	2' B' dhtr	DHMMU	120 km/h	419 kW	5,8 kW/t	x	-	-
5147	5147	2' B'+B'2' dhtr	DHMMU	120 km/h	838 kW	5,5 kW/t	x	-	-
<b>RTB: Regentalbahn-Betriebs GmbH</b>									
D05	G1206BB-V	B' B' dh	Diesel-hydraulic engine	100 km/h	1500 kW	12,8 kW/t	x	-	-
D06	G2000BB	B' B' dh	Diesel-hydraulic engine	120 km/h	2240 kW	20,0 kW/t	x	-	-
RVT	VT4N	A2A trdm	DMMU	120 km/h	456 kW	8,5 kW/t	x	x	x
VT02	NE81-2 400 kW, 80 km/h	B' B' dhtr	DHMMU	80 km/h	402 kW	6,4 kW/t	x	-	-
VT15	RS-1a einteilig, 2x228kW	B' B' dmtr	DMMU	120 km/h	456 kW	7,2 kW/t	x	-	-
VT31	RS-1b einteilig, 2x257kW	B' B' dmtr	DMMU	120 km/h	514 kW	7,9 kW/t	x	-	-
<b>RüKB: Rügensch Kleinbahnen GmbH</b>									
399.7	HF130C1	C dh	Diesel-hydraulic engine	20 km/h	77 kW	3,0 kW/t	x	x	x
<b>SAD: SAD Trasporto Locale spa, Bolzano, Italia</b>									
155	Flirt-4E-168 vierteilig	Bo'(2)''(2)''(2)''Bo'etr	EMU	160 km/h	2640 kW	18,3 kW/t	x	-	-
<b>SBB: Schweizerische Bundesbahnen</b>									
234	Tm2/2	B' dm	Diesel-mechanical engine	80 km/h	550 kW	14,0 kW/t	x	-	-
420	Re420	Bo'Bo'e	Electric engine	140 km/h	4780 kW	59,2 kW/t	x	-	-
430	Re430	Bo'Bo'e	Electric engine	125 km/h	4780 kW	59,2 kW/t	x	-	-
450	Re450	Bo'Bo'e	Electric engine	130 km/h	3200 kW	43,1 kW/t	x	-	-
460	Re460 "Lok 2000"	Bo'Bo'e	Electric engine	230 km/h	6000 kW	71,3 kW/t	x	-	-
482	185 - 5,6 MW	Bo'Bo'e	Electric engine	140 km/h	5600 kW	66,0 kW/t	x	-	-
484	185MS = 1,5kV	Bo'Bo'e	Electric engine	140 km/h	4000 kW	46,3 kW/t	x	-	-
500	RABDe500 siebenteilig	4x((1A)''(A1)''+3x(2'2') etr	EMU	200 km/h	5200 kW	12,9 kW/t	x	-	-
520	GTWe28-See	2'Bo'2'2' etr	EMU	115 km/h	770 kW	9,0 kW/t	x	-	-
560	RBDe560 ~ 15kV, 16,7Hz	Bo'Bo' etr	EMU	140 km/h	2350 kW	29,0 kW/t	x	-	-
562	RBDe562 ~ 25kV, 50Hz	Bo'Bo' etr	EMU	140 km/h	2094 kW	22,5 kW/t	x	-	-
610	Ae610 Ae 6/6 Serie	Co'Co' e	Electric engine	125 km/h	4416 kW	28,9 kW/t	x	-	-
620	Re620	Bo'Bo'Bo'e	Electric engine	140 km/h	8028 kW	65,6 kW/t	x	-	-
840	G2000BB	B' B' dh	Diesel-hydraulic engine	120 km/h	2240 kW	20,0 kW/t	x	-	-
843	G1700-BB Streckengang	B' B' dh	Diesel-hydraulic engine	100 km/h	1500 kW	14,0 kW/t	x	-	-
843 LG	G1700-LG Langsamgang	B' B' dh	Diesel-hydraulic engine	40 km/h	1500 kW	14,4 kW/t	x	-	-
<b>SETRAG: Société d'Exploitation du Transgabonais</b>									
CC 01-08	C36-7	Co'Co' de	Diesel-electric engine	113 km/h	2985 kW	16,0 kW/t	x	-	-
<b>SJ: Statens Järnvägar, Sverige</b>									
DLL0210	G1205	B' B' dh	Diesel-hydraulic engine	100 km/h	1180 kW	9,9 kW/t	x	-	-
DLL0900	G1206BB-V	B' B' dh	Diesel-hydraulic engine	100 km/h	1500 kW	12,8 kW/t	x	-	-
Rc2	Rc2	Bo'Bo'e	Electric engine	135 km/h	3600 kW	44,4 kW/t	x	x	x
X1	X1 zweiteilig	Bo'Bo'+2'2' etr	EMU	120 km/h	1120 kW	11,7 kW/t	x	-	-
X10	X10 zweiteilig	Bo'Bo'+2'2' etr	EMU	140 km/h	1280 kW	11,0 kW/t	x	-	-
X31	IC3E dreiteilig, elektrisch	Bo'Bo'+2'2'+Bo'Bo' etr	EMU	180 km/h	2340 kW	13,4 kW/t	x	-	-
X420	420 dreiteilig	Bo'Bo'+Bo'Bo'+Bo'Bo' etr	EMU	120 km/h	3000 kW	18,6 kW/t	x	x	x
X60	LIREX-6E-S 6-teilig	Bo'Bo'Bo'Bo'2'Bo'Bo'etr	EMU	160 km/h	4500 kW	21,5 kW/t	x	-	-
Y2	IC3D dreiteilig, diesel	(1A)''(A1)''(1A)''(A1)'' dmtr	DMMU	180 km/h	1176 kW	7,3 kW/t	x	-	-
Y31	ItinoDh2 zweiteilig, dieselhydr.	B'(2)'B' dhtr	DHMMU	140 km/h	1000 kW	8,3 kW/t	x	-	-
Y32	ItinoDh3-100 dreiteilig, dieselhydr.	B'(2)''(2)''B' dhtr	DHMMU	140 km/h	1000 kW	6,7 kW/t	x	-	-
<b>SNCF: Société Nationale des Chemin de fer Francais</b>									
BB7200G	BB7200G = 1,5kV	B' B' e	Electric engine	160 km/h	4040 kW	47,1 kW/t	x	-	-
BB7200P	BB7200P = 1,5kV	B' B' e	Electric engine	100 km/h	4040 kW	47,1 kW/t	x	-	-
BB15000	BB15000 ~ 25kV, 50Hz	B' B' e	Electric engine	160 km/h	4300 kW	46,8 kW/t	x	-	-
BB26000	BB26000 ~ 25kV, 50Hz	B' B' e	Electric engine	200 km/h	5600 kW	61,0 kW/t	x	-	-

BB27000	BB27000 ~ 25kV, 50Hz	Bo'Bo' e	Electric engine	140 km/h	4200 kW	47,3 kW/t	x	-	-
BB36000	BB36000 ~ 25kV, 50Hz	Bo'Bo' e	Electric engine	220 km/h	6000 kW	67,5 kW/t	x	-	-
BB61000	G1206BB-V	B' B' dh	Diesel-hydraulic engine	100 km/h	1500 kW	12,8 kW/t	x	-	-
BB67000	BB67000	B' B' de	Diesel-electric engine	90 km/h	1240 kW	15,2 kW/t	x	-	-
BB67300	BB67300	B' B' de	Diesel-electric engine	140 km/h	1440 kW	17,6 kW/t	x	-	-
BB67400	BB67400	B' B' de	Diesel-electric engine	140 km/h	1525 kW	18,0 kW/t	x	-	-
CC72000	CC72000	C' C' de	Diesel-electric engine	160 km/h	2250 kW	19,3 kW/t	x	-	-
TGV-2N1,5	TGV-2N1,5 = 1,5kV	2x(Bo'Bo') + 9x(2') etr	EMU	300 km/h	3680 kW	8,5 kW/t	x	-	-
TGV-2N25	TGV-2N25 ~ 25kV, 50Hz	2x(Bo'Bo') + 9x(2') etr	EMU	300 km/h	8800 kW	20,3 kW/t	x	-	-
TGV-A1,5	TGV-A1,5 = 1,5kV	2x(Bo'Bo') + 11x(2') etr	EMU	300 km/h	3680 kW	7,5 kW/t	x	-	-
TGV-A25	TGV-A25 ~ 25kV, 50Hz	2x(Bo'Bo') + 11x(2') etr	EMU	300 km/h	8800 kW	17,8 kW/t	x	-	-
TGV-PBKA15	TGV-PBKA15	2x(Bo'Bo') + 9x(2') etr	EMU	250 km/h	3600 kW	8,3 kW/t	x	-	-
TGV-PBKA25	TGV-PBKA25 ~ 25kV, 50Hz	2x(Bo'Bo') + 9x(2') etr	EMU	300 km/h	8800 kW	20,2 kW/t	x	-	-
TGV-PBKA3	TGV-PBKA3 = 3kV	2x(Bo'Bo') + 9x(2') etr	EMU	300 km/h	5160 kW	11,9 kW/t	x	-	-
TGV-PSE1,5	TGV-PSE1,5 = 1,5kV	6x(Bo') + 7x(2') etr	EMU	270 km/h	3100 kW	7,3 kW/t	x	-	-
TGV-PSE15	TGV-PSE15 ~ 15kV, 16,7Hz	6x(Bo') + 7x(2') etr	EMU	270 km/h	2800 kW	6,6 kW/t	x	-	-
TGV-PSE25	TGV-PSE25 ~ 25kV, 50Hz	6x(Bo') + 7x(2') etr	EMU	270 km/h	6450 kW	15,1 kW/t	x	-	-
TGV-R-DC	TGV-R-DC	2x(Bo'Bo') + 9x(2') etr	EMU	300 km/h	3680 kW	8,7 kW/t	x	-	-
TGV-R25	TGV-R25 ~ 25kV, 50Hz	2x(Bo'Bo') + 9x(2') etr	EMU	300 km/h	8800 kW	20,7 kW/t	x	-	-
TGV-Tr25	TGV-Tr25 ~ 25kV, 50Hz	6x(Bo') + 18x(2') etr	EMU	300 km/h	12240 kW	14,7 kW/t	x	-	-
TGV-Tr3	TGV-Tr3 = 3kV	6x(Bo') + 18x(2') etr	EMU	300 km/h	5700 kW	6,8 kW/t	x	-	-
TGV-Tr0,75	TGV-Tr0,75 = 750 V	6x(Bo') + 18x(2') etr	EMU	113 km/h	3400 kW	4,1 kW/t	x	-	-
X72500	X72500 zweiteilig	(1A)(A1) + (1A)(A1) dhtr	DHMMU	160 km/h	1200 kW	8,1 kW/t	x	-	-
X73500	641F	(1A)(A1) dhtr	DHMMU	140 km/h	514 kW	6,5 kW/t	x	-	-
Z800	BDeh4/8	Bo'2' + 2'Bo' etr	EMU	70 km/h	1380 kW	15,3 kW/t	x	-	-
<b>SNCF: Société Nationale des Chemins de fer Tunisiens</b>									
040DF	GL8U	Bo'Bo' de	Diesel-electric engine	90 km/h	699 kW	7,8 kW/t	x	-	-
040DJ	U6B	Bo'Bo' de	Diesel-electric engine	114 km/h	431 kW	5,2 kW/t	x	-	-
040DK	DL536B	Bo'Bo' de	Diesel-electric engine	116 km/h	846 kW	9,5 kW/t	x	-	-
040DL	DHM-11/12	B' B' dh	Diesel-hydraulic engine	110 km/h	1220 kW	15,3 kW/t	x	-	-
040DM	U10B	Bo'Bo' de	Diesel-electric engine	114 km/h	420 kW	5,3 kW/t	x	-	-
040DO	DHM-13/14	B' B' dh	Diesel-hydraulic engine	140 km/h	1547 kW	17,7 kW/t	x	-	-
040GE	U5B	Bo'Bo' de	Diesel-electric engine	96 km/h	428 kW	5,9 kW/t	x	-	-
040GT18B	GT18B	Bo'Bo' de	Diesel-electric engine	130 km/h	1193 kW	12,6 kW/t	x	-	-
060DH	G26CU	Co'Co' de	Diesel-electric engine	100 km/h	1672 kW	13,6 kW/t	x	-	-
060DI	MX620	Co'Co' de	Diesel-electric engine	114 km/h	1640 kW	13,7 kW/t	x	-	-
060DN	U22C	Co'Co' de	Diesel-electric engine	114 km/h	1860 kW	13,8 kW/t	x	-	-
060DP	MXS624	Co'Co' de	Diesel-electric engine	130 km/h	1953 kW	15,9 kW/t	x	-	-
060GR12	GR12	Co'Co' de	Diesel-electric engine	100 km/h	1024 kW	8,2 kW/t	x	-	-
<b>SR: ScotRail Railways Ltd.</b>									
DMU156	DMU156 "Super Sprinter"	2'B' + B'2' dhtr	DHMMU	121 km/h	426 kW	4,8 kW/t	x	x	x
DMU158	DMU158 /0	2'B' + B'2' dhtr	DHMMU	145 km/h	520 kW	5,4 kW/t	x	x	x
DMU170	DMU170/4 dreiteilig	B'2' + 2'B' + 2'B' dhtr	DHMMU	161 km/h	945 kW	5,2 kW/t	x	x	x
<b>SRO: Saudi Railways Organization</b>									
3500	SDL50	Co'Co' de	Diesel-electric engine	160 km/h	2870 kW	18,2 kW/t	x	-	-
4000-SRO	SD70ACS-SRO	Co'Co' de	Diesel-electric engine	113 km/h	2620 kW	12,2 kW/t	x	-	-
4000-UIC	SD70ACS	Co'Co' de	Diesel-electric engine	113 km/h	3216 kW	14,8 kW/t	x	-	-
5000-40	DMU-SRO-40	Bo'Bo' + 5x2'2' detr	DEMU	180 km/h	3600 kW	7,3 kW/t	x	-	-
5000-55	DMU-SRO-55	Bo'Bo' + 5x2'2' detr	DEMU	180 km/h	3390 kW	6,8 kW/t	x	-	-
<b>SWEG: Südwestdeutsche Eisenbahngesellschaft</b>									
V23	D25B	B dh	Diesel-hydraulic engine	40 km/h	300 kW	4,7 kW/t	x	-	-
V102	D75BB	B' B' dh	Diesel-hydraulic engine	80 km/h	754 kW	7,6 kW/t	x	-	-
V102-L	D75BB-L Langsamgang	B' B' dh	Diesel-hydraulic engine	40 km/h	754 kW	7,6 kW/t	x	-	-
VT120	NE81 400 kW, 90 km/h	B' B' dhtr	DHMMU	90 km/h	402 kW	6,4 kW/t	x	-	-
VT500	RS-1b einteilig, 2x257kW	B' B' dmtr	DMMMU	120 km/h	514 kW	7,9 kW/t	x	x	x
<b>SZ: Slovenske Železnice D.D., Republika Slovenija</b>									
312-0	SR20E = 3kV; 2-teilig	Bo'2'Bo' etr	EMU	140 km/h	1700 kW	19,4 kW/t	x	-	-
312-1	SR31E = 3kV; 3-teilig	Bo'2'2'Bo' etr	EMU	140 km/h	2060 kW	18,3 kW/t	x	-	-
342	342	Bo'Bo' e	Electric engine	120 km/h	1980 kW	22,0 kW/t	x	-	-
362	362	Bo'Bo'Bo' e	Electric engine	120 km/h	2790 kW	22,2 kW/t	x	-	-
363P	363P = 3kV	C' C' e	Electric engine	125 km/h	2970 kW	21,9 kW/t	x	-	-
363T	363T = 3kV	C' C' e	Electric engine	75 km/h	2970 kW	22,5 kW/t	x	-	-
541	ES64U4-3 = 3kV;	Bo'Bo' e	Electric engine	200 km/h	6000 kW	67,9 kW/t	x	-	-
642	642 SZ	Bo'Bo' de	Diesel-electric engine	80 km/h	614 kW	7,2 kW/t	x	-	-
<b>Schauf: Ernst Schaufele GmbH+Co., Stuttgart</b>									
W232	W232	Co'Co' de	Diesel-electric engine	100 km/h	2206 kW	13,4 kW/t	x	-	-
<b>SiDL: Siemens Dispolok</b>									
ER20	ME20	Bo'Bo' de	Diesel-electric engine	140 km/h	2000 kW	19,9 kW/t	x	-	-
ER20P	ME20P4	Bo'Bo' de	Diesel-electric engine	140 km/h	2000 kW	18,5 kW/t	x	-	-
ES64F	ES64F ~ 15kV; ~ 25kV	Bo'Bo' e	Electric engine	140 km/h	6480 kW	73,3 kW/t	x	-	-
ES64P	ES64P "EuroSprinter"	Bo'Bo' e	Electric engine	230 km/h	6400 kW	72,2 kW/t	x	-	-
ES64U2	ES64U2 ~ 15kV; ~ 25kV	Bo'Bo' e	Electric engine	230 km/h	6400 kW	73,3 kW/t	x	-	-
ME26	ME26	Co'Co' de	Diesel-electric engine	160 km/h	2700 kW	18,5 kW/t	x	-	-

ME26P	ME26P4	Co'Co' de	Diesel-electric engine	160 km/h	2700 kW	16,8 kW/t	x	-	-
MH05	MH05	C dh	Diesel-hydraulic engine	60 km/h	585 kW	5,7 kW/t	x	-	-
<b>StLB: Steiermärkische Landesbahnen</b>									
4062	GTWe26	2'Bo'2' etr	EMU	140 km/h	1134 kW	14,3 kW/t	x	-	-
5047	5047	2' B' dhtr	DHMU	120 km/h	419 kW	5,8 kW/t	x	-	-
D3	D110BB	B' B' dh	Diesel-hydraulic engine	120 km/h	1500 kW	15,7 kW/t	x	-	-
<b>SäStB: (Königlich) Sächsische Staatseisenbahnen</b>									
IV K	IV K	B'B' n4vt	Saturated steam engine	30 km/h		4,5 kW/t	x	x	x
XI HT	XI HT	E h2t	Superheated steam engine	45 km/h	988 kW	10,4 kW/t	x	x	x
XIII H	G12	1'E h3+3T20/6	Superheated steam engine+Tender	65 km/h		8,0 kW/t	x	x	x
XIV HT	XIV HT	1'C1' h2t	Superheated steam engine	75 km/h		8,4 kW/t	x	x	x
XVIII H	XVIII H	2'C1' h3+2'2'T31/7	Superheated steam engine+Tender	120 km/h		8,3 kW/t	x	x	x
XX HV	XX HV	1'D1' h4v+2'2'T38/9	Superheated steam engine+Tender	120 km/h		6,7 kW/t	x	x	x
<b>TT: Thames Trains</b>									
165/12	DMU165/12 zweiteilig	B'2'+B'2' dhtr	DHMU	145 km/h	520 kW	5,4 kW/t	x	-	-
165/13	DMU165/13 dreiteilig	B'2'+B'2'+B'2' dhtr	DHMU	145 km/h	780 kW	5,4 kW/t	x	-	-
<b>UBB: Usedomer Bäderbahn GmbH</b>									
646.1	GTWd26-D	2'Bo'2' detr	DEMU	120 km/h	550 kW	6,3 kW/t	x	-	-
<b>VBG: Vogtlandbahn GmbH</b>									
642	SR20D3 Desiro	B'2'B' dmtr	DMMU	120 km/h	630 kW	6,4 kW/t	x	-	-
654	VT4N	A2A trdm	DMMU	120 km/h	456 kW	8,5 kW/t	x	x	x
Desiro1	SR20D2 Desiro	B'2'B' dmtr	DMMU	120 km/h	550 kW	5,7 kW/t	x	x	x
Desiro2	SR20D3 Desiro	B'2'B' dmtr	DMMU	120 km/h	630 kW	6,4 kW/t	x	-	-
RS-1b	RS-1b einteilig, 2x257kW	B'B' dmtr	DMMU	120 km/h	514 kW	7,9 kW/t	x	x	x
RVT	VT4N	A2A trdm	DMMU	120 km/h	456 kW	8,5 kW/t	x	x	x
<b>VGF: Verkehrsgesellschaft Frankfurt am Main</b>									
Ptb	Ptb	B'2'B' etr	EMU	70 km/h	240 kW	4,3 kW/t	x	-	-
U2	U2	B'2'B' etr	EMU	80 km/h	300 kW	5,9 kW/t	x	-	-
U3	U3	B'2'B' etr	EMU	80 km/h	348 kW	6,1 kW/t	x	-	-
U4	U4	Bo'2'Bo' etr	EMU	80 km/h	520 kW	8,9 kW/t	x	-	-
<b>VHB: Vereinigte Huttwill-Bahnen</b>									
456	Re456	Bo'Bo' e	Electric engine	130 km/h	3200 kW	45,9 kW/t	x	-	-
<b>VIA: Viamont, Česká republika</b>									
704.5	704.5	Bo de	Diesel-electric engine	60 km/h	299 kW	6,3 kW/t	x	-	-
741	741.5	Bo'Bo' de	Diesel-electric engine	90 km/h	880 kW	9,4 kW/t	x	-	-
<b>Virg: Virgin Rail group Ltd.</b>									
220	220 vierteilig	4x(1A)'(A1)' dtre	DMU	201 km/h	2206 kW	8,8 kW/t	x	-	-
221	221 fünfteilig	5x(1A)'(A1)' dtre	DMU	201 km/h	2757 kW	7,6 kW/t	x	-	-
<b>WLB: Wiener Lokalbahn AG</b>									
82 LG	DH600C45 Langsamgang	C' dh	Diesel-hydraulic engine	35 km/h	441 kW	5,7 kW/t	x	-	-
82	DH600C45 Streckengang	C' dh	Diesel-hydraulic engine	60 km/h	441 kW	5,7 kW/t	x	-	-
90	V100.4.2 1050 kW; GS 30/5.8	B' B' dh	Diesel-hydraulic engine	72 km/h	1060 kW	10,1 kW/t	x	-	-
100	Tw100	Bo'2'2'Bo' etr	EMU	80 km/h	380 kW	7,7 kW/t	x	-	-
400	WLB-400	Bo'1'1'Bo' etr	EMU	80 km/h	400 kW	8,0 kW/t	x	-	-
500	WLB-500	Bo'2'2'Bo' etr	EMU	70 km/h	440 kW	9,1 kW/t	x	-	-
<b>ZSSK: Železnica Spolocnost Slovensko, Slovenská republika</b>									
131	58 E1 = 3kV	Bo'Bo'Bo'Bo' e	Electric engine	100 km/h	4480 kW	24,5 kW/t	x	-	-
350-25	55E-25 ~ 25kV, 50Hz	Bo'Bo' e	Electric engine	160 km/h	4000 kW	42,3 kW/t	x	-	-
350-3	55E-3 = 3kV	Bo'Bo' e	Electric engine	160 km/h	4000 kW	42,3 kW/t	x	-	-
361.1-25	361.1-25 ~ 25kV, 50Hz	Bo'Bo' e	Electric engine	160 km/h	3200 kW	36,4 kW/t	x	-	-
361.1-3	361.1-3 = 3 kV	Bo'Bo' e	Electric engine	160 km/h	3600 kW	41,0 kW/t	x	-	-
425.951	GTWe26-ZSR = 1,5kV	2'Bo'2' etr	EMU	90 km/h	600 kW	10,6 kW/t	x	-	-
710	T334.0	C dh	Diesel-hydraulic engine	60 km/h	302 kW	4,0 kW/t	x	-	-
726	T444.1	B' B' dh	Diesel-hydraulic engine	70 km/h	515 kW	6,6 kW/t	x	-	-
736	736 rekonstrukce 735	Bo'Bo' de	Diesel-electric engine	100 km/h	990 kW	12,1 kW/t	x	-	-
775	T678.0	Co'Co' de	Diesel-electric engine	100 km/h	1215 kW	8,6 kW/t	x	-	-
840	840	2'Bo'2' detr	DEMU	115 km/h	550 kW	5,6 kW/t	x	-	-
<b>ÖBB: Österreichische Bundesbahnen</b>									
598	Yv	C2' n2vt	Saturated steam engine	40 km/h	170 kW	5,7 kW/t	x	x	-
1010	1010	Co'Co' e	Electric engine	130 km/h	4000 kW	34,6 kW/t	x	-	-
1012	1012	Bo'Bo' e	Electric engine	230 km/h	6400 kW	76,3 kW/t	x	-	-
1014	1014	Bo'Bo' e	Electric engine	170 km/h	3000 kW	40,1 kW/t	x	-	-
1016	ES64U ~ 15kV, 16,7Hz	Bo'Bo' e	Electric engine	230 km/h	6400 kW	73,3 kW/t	x	-	-
1020	E94	Co'Co' e	Electric engine	90 km/h	3240 kW	24,1 kW/t	x	x	-
1040	1040	Bo'Bo' e	Electric engine	90 km/h	2020 kW	23,9 kW/t	x	-	-
1041	1041	Bo'Bo' e	Electric engine	90 km/h	2020 kW	23,1 kW/t	x	-	-
1041.2	1041.2 110 km/h	Bo'Bo' e	Electric engine	110 km/h	2360 kW	27,0 kW/t	x	-	-
1042	1042 .0	Bo'Bo' e	Electric engine	130 km/h	3600 kW	40,8 kW/t	x	-	-
1042.5	1042.5	Bo'Bo' e	Electric engine	150 km/h	4000 kW	46,1 kW/t	x	-	-
1043.001	Rc2	Bo'Bo' e	Electric engine	135 km/h	3600 kW	44,4 kW/t	x	-	x
1043.005	Rc-ÖBB	Bo'Bo' e	Electric engine	135 km/h	4000 kW	45,8 kW/t	x	-	-
1044	1044	Bo'Bo' e	Electric engine	160 km/h	5400 kW	61,9 kW/t	x	-	-
1046	1046	Bo'Bo' e	Electric engine	125 km/h	1600 kW	21,5 kW/t	x	-	-

1063	1063	Bo'Bo' e	Electric engine	100 km/h	2000 kW	26,0 kW/t	x	-	-
1064	1064	Co'Co' e	Electric engine	80 km/h	1520 kW	13,3 kW/t	x	-	-
1099	1099	C' C' e	Electric engine	50 km/h	420 kW	8,0 kW/t	x	x	-
1110	1110	Co'Co' e	Electric engine	110 km/h	4000 kW	35,8 kW/t	x	-	-
1110.5	1110.5 mit E-Bremse	Co'Co' e	Electric engine	110 km/h	4000 kW	35,4 kW/t	x	-	-
1114	1114	Bo'Bo' e	Electric engine	170 km/h	3000 kW	46,4 kW/t	x	-	-
1116	ES64U2 ~ 15kV; ~ 25kV	Bo'Bo' e	Electric engine	230 km/h	6400 kW	73,3 kW/t	x	-	-
1141	1141	Bo'Bo' e	Electric engine	110 km/h	2480 kW	29,5 kW/t	x	-	-
1142	1042.5	Bo'Bo' e	Electric engine	150 km/h	4000 kW	46,1 kW/t	x	-	-
1144	1044	Bo'Bo' e	Electric engine	160 km/h	5400 kW	61,9 kW/t	x	-	-
1146	1146	Bo'Bo' e	Electric engine	140 km/h	2000 kW	27,2 kW/t	x	-	-
1163	1163	Bo'Bo' e	Electric engine	120 km/h	1600 kW	19,6 kW/t	x	-	-
1216	ES64U4-AC60 6,0 MW; ~ 15kV; ~ 25kV	Bo'Bo' e	Electric engine	230 km/h	6000 kW	67,9 kW/t	x	-	-
1822	1822	Bo'Bo' e	Electric engine	140 km/h	4400 kW	53,1 kW/t	x	-	-
2016	ME20	Bo'Bo' de	Diesel-electric engine	140 km/h	2000 kW	19,9 kW/t	x	-	-
2016P	ME20P4	Bo'Bo' de	Diesel-electric engine	140 km/h	2000 kW	18,5 kW/t	x	-	-
2043	2043	B' B' dh	Diesel-hydraulic engine	110 km/h	1104 kW	10,5 kW/t	x	-	-
2050	2050	Bo'Bo' de	Diesel-electric engine	100 km/h	1050 kW	9,0 kW/t	x	-	-
2068	2068	B' B' dh	Diesel-hydraulic engine	100 km/h	820 kW	7,4 kW/t	x	-	-
2070	G800BB	B' B' dh	Diesel-hydraulic engine	100 km/h	738 kW	7,2 kW/t	x	-	-
2092	HF130C2	C dh	Diesel-hydraulic engine	20 km/h	96 kW	3,8 kW/t	x	x	x
2095	2095	B' B' dh	Diesel-hydraulic engine	60 km/h	440 kW	8,9 kW/t	x	x	-
2099	L45H	B' B' dh	Diesel-hydraulic engine	40 km/h	331 kW	5,9 kW/t	x	x	x
2143	2143	B' B' dh	Diesel-hydraulic engine	110 km/h	1115 kW	11,0 kW/t	x	-	-
4010	4010 sechsteilig	Bo'Bo'+5x(2'2') etr	EMU	150 km/h	2500 kW	7,9 kW/t	x	-	-
4011	ICTx7 siebenteilig	3x(2'2')+4x(1A)(A1)' etr	EMU	230 km/h	4040 kW	9,8 kW/t	x	-	-
4020	4020 dreiteilig	Bo'Bo'+2'2'+2'2' etr	EMU	120 km/h	1200 kW	7,6 kW/t	x	-	-
4023	Talent3e104 dreiteilig	Bo'2'2'Bo' etr	EMU	140 km/h	1475 kW	12,8 kW/t	x	-	-
4023-104	Talent3e104 dreiteilig	Bo'2'2'Bo' etr	EMU	140 km/h	1475 kW	12,8 kW/t	x	-	-
4023-122	Talent3e122 dreiteilig	Bo'2'2'Bo' etr	EMU	140 km/h	1475 kW	12,8 kW/t	x	-	-
4024	Talent4e098 vierteilig	Bo'2'2'2'Bo' etr	EMU	140 km/h	1475 kW	10,4 kW/t	x	-	-
4024-098	Talent4e098 vierteilig	Bo'2'2'2'Bo' etr	EMU	140 km/h	1475 kW	10,4 kW/t	x	-	-
4024-110	Talent4e110 vierteilig	Bo'2'2'2'Bo' etr	EMU	140 km/h	1475 kW	10,4 kW/t	x	-	-
4024-122	Talent4e122 vierteilig	Bo'2'2'2'Bo' etr	EMU	140 km/h	1475 kW	10,4 kW/t	x	-	-
4030.2	4030.2 dreiteilig	Bo'Bo'+2'2'+2'2' etr	EMU	100 km/h	1000 kW	6,5 kW/t	x	-	-
4090B	4090B vierteilig	Bo'Bo'+2x(2'2')+Bo'Bo' etr	EMU	70 km/h	510 kW	4,2 kW/t	x	x	-
4090K	4090K zweiteilig	Bo'Bo'+2'2' etr	EMU	70 km/h	255 kW	4,2 kW/t	x	x	-
4090T	4090T dreiteilig	Bo'Bo'+2x(2'2') etr	EMU	70 km/h	255 kW	2,9 kW/t	x	x	-
4124	Talent4e098 vierteilig	Bo'2'2'2'Bo' etr	EMU	140 km/h	1475 kW	10,4 kW/t	x	-	-
5022	SR20D3 Desiro	B'2'B' dmtr	DMMU	120 km/h	630 kW	6,4 kW/t	x	-	-
5047	5047	2' B' dhtr	DHMu	120 km/h	419 kW	5,8 kW/t	x	-	-
5090	5090	B' B' detr	DEMU	70 km/h	235 kW	5,3 kW/t	x	x	-
5147	5147	2' B'+B'2' dhtr	DHMu	120 km/h	838 kW	5,5 kW/t	x	-	-
<b>AEG: AEG-Telefunken Berlin</b>									
	IC4-OSE vierteilig	B' B'+2'2'+2'2'+B' B' detr	DEMU	160 km/h	1720 kW	7,0 kW/t	x	-	-
	IC5-OSE fünfteilig	B' B'+2'2'+2'2'+2'2'+B' B' detr	DEMU	160 km/h	1720 kW	5,8 kW/t	x	-	-
<b>ALCO: American Locomotive Company</b>									
	DL532 B	Bo'Bo' de	Diesel-electric engine	100 km/h	700 kW	7,8 kW/t	x	-	-
	DL536B	Bo'Bo' de	Diesel-electric engine	116 km/h	846 kW	9,5 kW/t	x	-	-
	DL537 1000 mm	Co'Co' de	Diesel-electric engine	90 km/h	1000 kW	9,3 kW/t	x	-	x
	DL543	Co'Co' de	Diesel-electric engine	120 km/h	1470 kW	11,0 kW/t	x	-	-
	FRD7 DL500C	Co'Co' de	Diesel-electric engine	120 km/h	1320 kW	9,9 kW/t	x	-	-
<b>ANS: Ansaldo Trasporti Sistemi Ferrotranviari, Italia</b>									
	342	Bo'Bo' e	Electric engine	120 km/h	1980 kW	22,0 kW/t	x	-	-
	362	Bo'Bo'Bo' e	Electric engine	120 km/h	2790 kW	22,2 kW/t	x	-	-
<b>ASEA: Allmänna Svenska Elektriska Aktiebolaget, Västerås, Sverige</b>									
	E116	Bo'Bo' e	Electric engine	140 km/h	4440 kW	52,7 kW/t	x	x	x
	Rc-ÖBB	Bo'Bo' e	Electric engine	135 km/h	4000 kW	45,8 kW/t	x	-	-
	Rc2	Bo'Bo' e	Electric engine	135 km/h	3600 kW	44,4 kW/t	x	x	x
	X1 zweiteilig	Bo'Bo'+2'2' etr	EMU	120 km/h	1120 kW	11,7 kW/t	x	-	-
	X10 zweiteilig	Bo'Bo'+2'2' etr	EMU	140 km/h	1280 kW	11,0 kW/t	x	-	-
<b>AT-AS: Alstom-Atlantique / Alsacienne Mécaniques</b>									
	CC72000	C' C' de	Diesel-electric engine	160 km/h	2250 kW	19,3 kW/t	x	-	-
<b>AT-MTE: Alstom-Atlantique / SFAC-Jeumont-SW</b>									
	363P = 3kV	C' C' e	Electric engine	125 km/h	2970 kW	21,9 kW/t	x	-	-
	363T = 3kV	C' C' e	Electric engine	75 km/h	2970 kW	22,5 kW/t	x	-	-
	BB15000 ~ 25kV, 50Hz	B' B' e	Electric engine	160 km/h	4300 kW	46,8 kW/t	x	-	-
	BB7200G = 1,5kV	B' B' e	Electric engine	160 km/h	4040 kW	47,1 kW/t	x	-	-
	BB7200P = 1,5kV	B' B' e	Electric engine	100 km/h	4040 kW	47,1 kW/t	x	-	-
<b>AT-SA: Alstom Ferroviaria Spa, Savigliano (Italia)</b>									
	CDT680	4x((1A)(A1))+3x(2'2') etr	EMU	230 km/h	4000 kW	10,7 kW/t	x	-	-
<b>Adtranz: ABB Daimler-Benz Transportation</b>									
	101	Bo'Bo' e	Electric engine	220 km/h	6520 kW	73,5 kW/t	x	-	-

	12X	Bo'Bo'e	Electric engine	220 km/h	6400 kW	73,9 kW/t	x	-	-
	145	Bo'Bo'e	Electric engine	140 km/h	4200 kW	49,5 kW/t	x	-	-
	146 - 4,2 MW	Bo'Bo'e	Electric engine	160 km/h	4200 kW	49,5 kW/t	x	-	-
	146.1 - 5,6 MW	Bo'Bo'e	Electric engine	160 km/h	5600 kW	66,0 kW/t	x	-	-
	146S - 5,6MW	Bo'Bo'e	Electric engine	200 km/h	5600 kW	66,0 kW/t	x	-	-
	185 - 5,6 MW	Bo'Bo'e	Electric engine	140 km/h	5600 kW	66,0 kW/t	x	-	-
	185D	Bo'Bo'de	Diesel-electric engine	160 km/h	2200 kW	22,9 kW/t	x	-	-
	185D-P090	Bo'Bo'de	Diesel-electric engine	160 km/h	2200 kW	21,8 kW/t	x	-	-
	185D-P180	Bo'Bo'de	Diesel-electric engine	160 km/h	2200 kW	20,6 kW/t	x	-	-
	185D-P200	Bo'Bo'de	Diesel-electric engine	160 km/h	2200 kW	20,1 kW/t	x	-	-
	185D-P360	Bo'Bo'de	Diesel-electric engine	160 km/h	2200 kW	18,3 kW/t	x	-	-
	185D-P480	Bo'Bo'de	Diesel-electric engine	160 km/h	2200 kW	16,9 kW/t	x	-	-
	185MS = 1,5kV	Bo'Bo'e	Electric engine	140 km/h	4000 kW	46,3 kW/t	x	-	-
	185S - 5,6MW	Bo'Bo'e	Electric engine	200 km/h	5600 kW	66,0 kW/t	x	-	-
	611 zweiteilig	2'B'+B'2' dhtr	DHMU	160 km/h	1080 kW	6,5 kW/t	x	-	-
	612 zweiteilig	2'B'+B'2' dhtr	DHMU	160 km/h	1120 kW	7,6 kW/t	x	x	x
	ALP44	Bo'Bo'e	Electric engine	200 km/h	5500 kW	55,3 kW/t	x	-	-
	ALP46	Bo'Bo'e	Electric engine	161 km/h	5360 kW	56,4 kW/t	x	-	-
	C1.9	6xBo'Bo'etr	EMU	80 km/h	2400 kW	12,7 kW/t	x	-	-
	CSd05 CargoSprinter	Bo de	Diesel-electric engine	120 km/h	500 kW	8,8 kW/t	x	-	-
	CSe10 CargoSprinter 1,0MW	Bo e	Electric engine	120 km/h	1000 kW	23,8 kW/t	x	-	-
	CSe15 CargoSprinter 1,5MW	Bo e	Electric engine	120 km/h	1500 kW	35,6 kW/t	x	-	-
	CSe20 CargoSprinter 2,0MW	Bo e	Electric engine	160 km/h	2000 kW	47,5 kW/t	x	-	-
	CSe25 CargoSprinter 2,5MW	Bo e	Electric engine	140 km/h	2500 kW	59,4 kW/t	x	-	-
	DE-AC33C	Co'Co'de	Diesel-electric engine	120 km/h	2460 kW	16,4 kW/t	x	-	-
	DE2000-G	Bo'Bo'de	Diesel-electric engine	160 km/h	2100 kW	21,4 kW/t	x	-	-
	DE2000-P100	Bo'Bo'de	Diesel-electric engine	160 km/h	2100 kW	20,4 kW/t	x	-	-
	DE2000-P120	Bo'Bo'de	Diesel-electric engine	160 km/h	2100 kW	20,2 kW/t	x	-	-
	DE2000-P150	Bo'Bo'de	Diesel-electric engine	160 km/h	2100 kW	19,8 kW/t	x	-	-
	DE2000-P180	Bo'Bo'de	Diesel-electric engine	160 km/h	2100 kW	19,5 kW/t	x	-	-
	DE2000-P200	Bo'Bo'de	Diesel-electric engine	160 km/h	2100 kW	19,3 kW/t	x	-	-
	DE2000-P240	Bo'Bo'de	Diesel-electric engine	160 km/h	2100 kW	18,9 kW/t	x	-	-
	DE2000-P270	Bo'Bo'de	Diesel-electric engine	160 km/h	2100 kW	18,6 kW/t	x	-	-
	2xDE2000-P300	Bo'Bo'+Bo'Bo'de	Diesel-electric engine	160 km/h	4200 kW	19,8 kW/t	x	-	-
	DE2000-P320	Bo'Bo'de	Diesel-electric engine	160 km/h	2100 kW	18,1 kW/t	x	-	-
	DE2000-P360	Bo'Bo'de	Diesel-electric engine	160 km/h	2100 kW	17,8 kW/t	x	-	-
	2xDE2000-P500	Bo'Bo'+Bo'Bo'de	Diesel-electric engine	160 km/h	4200 kW	18,8 kW/t	x	-	-
	ET2010 ohne Bistro	Bo'(2)'(2)'Bo'etr	EMU	100 km/h	720 kW	10,4 kW/t	x	-	-
	GT6-80C zweiteilig	B'(2)'B'etr	EMU	80 km/h	470 kW	9,1 kW/t	x	-	-
	GT6-Vario	Bo'2'Bo'etr	EMU	80 km/h	360 kW	6,2 kW/t	x	-	-
	GT8-80C dreiteilig	B'(2)'(2)'B'etr	EMU	80 km/h	560 kW	8,9 kW/t	x	-	-
	GT8-100C/2S dreiteilig	B'(2)'(2)'B'etr	EMU	90 km/h	560 kW	8,0 kW/t	x	-	-
	GT8-100D/2S-M ohne Bistro	Bo'(2)'(2)'Bo'etr	EMU	100 km/h	508 kW	7,4 kW/t	x	-	-
	GT8-100D/2S-MB mit Bistro	Bo'(2)'(2)'Bo'etr	EMU	100 km/h	508 kW	7,1 kW/t	x	-	-
	IC3D dreiteilig, diesel	(1A)'(A1)'(1A)'(A1)' dmtr	DMMU	180 km/h	1176 kW	7,3 kW/t	x	-	-
	IC3E dreiteilig, elektrisch	Bo'Bo'+2'2'+Bo'Bo'etr	EMU	180 km/h	2340 kW	13,4 kW/t	x	-	-
	IR4E vierteilig, elektrisch	Bo'(2)'(2)'(2)'Bo'etr	EMU	180 km/h	1680 kW	11,0 kW/t	x	-	-
	ItinoDh2 zweiteilig, dieselhydr.	B'(2)'B' dhtr	DHMU	140 km/h	1000 kW	8,3 kW/t	x	-	-
	ItinoDh3-100 dreiteilig, dieselhydr.	B'(2)'(2)'B' dhtr	DHMU	140 km/h	1000 kW	6,7 kW/t	x	-	-
	ItinoDh3-112 dreiteilig, dieselhydr.	B'(2)'(2)'B' dhtr	DHMU	140 km/h	1120 kW	7,3 kW/t	x	-	-
	ItinoDm2D zweiteilig, dieselmech.	B'(2)'B' dmtr	DMMU	160 km/h	1000 kW	9,7 kW/t	x	-	-
	ItinoDm2S zweiteilig, dieselmech.	B'(2)'B' dmtr	DMMU	160 km/h	1000 kW	9,6 kW/t	x	-	-
	ItinoDm3 dreiteilig, dieselmech.	B'(2)'(2)'B' dmtr	DMMU	160 km/h	1000 kW	7,3 kW/t	x	-	-
	ItinoDm4 vierteilig, dieselmech.	B'(2)'(2)'(2)'B' dmtr	DMMU	160 km/h	1000 kW	5,8 kW/t	x	-	-
	Octeon	Co'Co'+Co'Co'e	Electric engine	80 km/h	11200 kW	30,0 kW/t	x	x	x
	RABDe500 siebenteilig	4x((1A)'(A1)')+3x(2'2')etr	EMU	200 km/h	5200 kW	12,9 kW/t	x	-	-
	RS-1a einteilig, 2x228kW	B'B' dmtr	DMMU	120 km/h	456 kW	7,2 kW/t	x	-	-
	RS-1b einteilig, 2x257kW	B'B' dmtr	DMMU	120 km/h	514 kW	7,9 kW/t	x	x	x
	RS-2a zweiteilig, 2x228kW	B'1B' dmtr	DMMU	120 km/h	456 kW	6,6 kW/t	x	-	-
	RS-3a dreiteilig, 2x228 kW	B'11B' dmtr	DMMU	120 km/h	456 kW	4,9 kW/t	x	-	-
	RS-3b dreiteilig, 2x257 kW	B'11B' dmtr	DMMU	120 km/h	514 kW	5,5 kW/t	x	-	-
	TraxxF140de	Bo'Bo'de	Diesel-electric engine	140 km/h	2200 kW	22,3 kW/t	x	-	-
	V100.4.0 836+255 kW; GSR30/5.7	B'B' dh	Diesel-hydraulic engine	100 km/h	836 kW	8,5 kW/t	x	-	-
	V100.4.1 1050 kW; GSR 30/5.7	B'B' dh	Diesel-hydraulic engine	100 km/h	1036 kW	9,9 kW/t	x	-	-
	V100.4.2 1050 kW; GS 30/5.8	B'B' dh	Diesel-hydraulic engine	72 km/h	1060 kW	10,1 kW/t	x	-	-
	W232	Co'Co'de	Diesel-electric engine	100 km/h	2206 kW	13,4 kW/t	x	-	-
<b>BBC: Brown, Boveri &amp; Cie., Baden/CH</b>									
	RBDe560 ~ 15kV, 16,7Hz	Bo'Bo'etr	EMU	140 km/h	2350 kW	29,0 kW/t	x	-	-
	RBDe562 ~ 25kV, 50Hz	Bo'Bo'etr	EMU	140 km/h	2094 kW	22,5 kW/t	x	-	-
	RBDe565 4/4	Bo'Bo'etr	EMU	125 km/h	1700 kW	23,4 kW/t	x	-	-
<b>BL-MTE: Alstom (Brissonneau-Lotz) / SFAC-Jeumont-SW</b>									
	BB67000	B'B'de	Diesel-electric engine	90 km/h	1240 kW	15,2 kW/t	x	-	-
	BB67300	B'B'de	Diesel-electric engine	140 km/h	1440 kW	17,6 kW/t	x	-	-

	BB67400	B' B' de	Diesel-electric engine	140 km/h	1525 kW	18,0 kW/t	x	-	-
<b>BREL: British Rail Engineering Ltd., Derby</b>									
	1x43	Bo'Bo' de	Diesel-electric engine	201 km/h	1680 kW	18,9 kW/t	x	-	-
	2x43	Bo'Bo'+Bo'Bo' de	Diesel-electric engine	201 km/h	3360 kW	18,9 kW/t	x	x	x
	1x91	Bo'Bo' e	Electric engine	201 km/h	4800 kW	56,0 kW/t	x	-	-
	2x91	Bo'Bo'+Bo'Bo' e	Electric engine	201 km/h	9600 kW	56,0 kW/t	x	-	-
	DMU158 /0	2'B'+B'2' dhtr	DHMU	145 km/h	520 kW	5,4 kW/t	x	x	x
	DMU165/02 zweiteilig	B'2'+B'2' dhtr	DHMU	121 km/h	520 kW	5,4 kW/t	x	-	-
	DMU165/03 dreiteilig	B'2'+B'2'+B'2' dhtr	DHMU	121 km/h	780 kW	5,4 kW/t	x	-	-
	DMU165/12 zweiteilig	B'2'+B'2' dhtr	DHMU	145 km/h	520 kW	5,4 kW/t	x	-	-
	DMU165/13 dreiteilig	B'2'+B'2'+B'2' dhtr	DHMU	145 km/h	780 kW	5,4 kW/t	x	-	-
	DMU168/4 vierteilig	B'2'+B'2'+2'B'+2'B' dhtr	DHMU	161 km/h	1260 kW	5,6 kW/t	x	-	-
	DMU170/4 dreiteilig	B'2'+2'B'+2'B' dhtr	DHMU	161 km/h	945 kW	5,2 kW/t	x	x	x
<b>BSW: RAW Berlin-Schöneeweide oder Nachfolgeproduzent VEB Gleisbau Brandenburg</b>									
	279.2 Reko 1982-1984	Bo etr	EMU	50 km/h	120 kW	5,4 kW/t	x	-	-
	SKL24 Motor 4 NVD 12,5 SRL, 4-Gang-Getriebe	B dm	Diesel-mechanical engine	50 km/h	30 kW	4,3 kW/t	x	x	-
<b>BWS: Bombardier Transportation-BWS</b>									
	220 vierteilig	4x(1A)'(A1)' dtre	DMU	201 km/h	2206 kW	8,8 kW/t	x	-	-
	221 fünfteilig	5x(1A)'(A1)' dtre	DMU	201 km/h	2757 kW	7,6 kW/t	x	-	-
	K4000	Bo'2'Bo		80 km/h	480 kW	11,4 kW/t	x	-	-
	K4001	Bo'2'Bo		80 km/h	480 kW	13,0 kW/t	x	-	-
	RABe525 dreiteilig	Bo'2'2'Bo' etr	EMU	140 km/h	1040 kW	10,7 kW/t	x	-	-
	Saar /2S	Bo'Bo'Bo'Bo' etr	EMU	100 km/h	960 kW	13,5 kW/t	x	x	x
	WLB-400	Bo'1'1'Bo' etr	EMU	80 km/h	400 kW	8,0 kW/t	x	-	-
	WLB-500	Bo'2'2'Bo' etr	EMU	70 km/h	440 kW	9,1 kW/t	x	-	-
<b>Brush: Brush Traction Ltd., Loughborough (GB)</b>									
	92-0,75 = 750V	Co'Co' e	Electric engine	140 km/h	4080 kW	32,2 kW/t	x	-	-
	92-25 ~ 25kV, 50Hz	Co'Co' e	Electric engine	140 km/h	5100 kW	40,3 kW/t	x	-	-
<b>CAF: Construcciones y Auxiliar de Ferrocarriles, S.A., Beasain (Espania)</b>									
	DMU-SRO-40	Bo'Bo'+5x2'2' detr	DEMU	180 km/h	3600 kW	7,3 kW/t	x	-	-
	DMU-SRO-55	Bo'Bo'+5x2'2' detr	DEMU	180 km/h	3390 kW	6,8 kW/t	x	-	-
<b>CKD: Ceskomoravská Kolben-Danek - CKD Praha, Česká republika</b>									
	704	Bo de	Diesel-electric engine	65 km/h	260 kW	7,1 kW/t	x	-	-
	705 2nd production run	Bo'Bo' de	Diesel-electric engine	50 km/h	257 kW	6,0 kW/t	x	-	-
	708	Bo de	Diesel-electric engine	80 km/h	300 kW	6,8 kW/t	x	-	-
	714	Bo'Bo' de	Diesel-electric engine	80 km/h	600 kW	7,3 kW/t	x	-	-
	749-A	Bo'Bo' de	Diesel-electric engine	100 km/h	1102 kW	10,5 kW/t	x	-	-
	749-B	Bo'Bo' de	Diesel-electric engine	100 km/h	1102 kW	9,8 kW/t	x	-	-
	749-C	Bo'Bo' de	Diesel-electric engine	100 km/h	1102 kW	9,2 kW/t	x	-	-
	750-A	Bo'Bo' de	Diesel-electric engine	100 km/h	1325 kW	13,2 kW/t	x	-	-
	750-B	Bo'Bo' de	Diesel-electric engine	100 km/h	1325 kW	12,4 kW/t	x	-	-
	750-C	Bo'Bo' de	Diesel-electric engine	100 km/h	1325 kW	11,5 kW/t	x	-	-
	750-D	Bo'Bo' de	Diesel-electric engine	100 km/h	1325 kW	10,3 kW/t	x	-	-
	KT8B5N-800	Bo'Bo'Bo'Bo' etr	EMU	65 km/h	394 kW	7,3 kW/t	x	-	-
	KT8B5N-1200	Bo'Bo'Bo'Bo' etr	EMU	65 km/h	394 kW	7,3 kW/t	x	-	-
	T334.0	C dh	Diesel-hydraulic engine	60 km/h	302 kW	4,0 kW/t	x	-	-
	T435.0	Bo'Bo' de	Diesel-electric engine	60 km/h	551 kW	7,1 kW/t	x	-	-
	T448.0	Bo'Bo' de	Diesel-electric engine	70 km/h	926 kW	8,2 kW/t	x	-	-
	T457.0	Bo'Bo' de	Diesel-electric engine	80 km/h	600 kW	6,9 kW/t	x	-	-
	T457.01	Bo'Bo' de	Diesel-electric engine	80 km/h	600 kW	6,8 kW/t	x	-	-
	T458.1	Bo'Bo' de	Diesel-electric engine	80 km/h	551 kW	5,9 kW/t	x	-	-
	T466.2	Bo'Bo' de	Diesel-electric engine	90 km/h	926 kW	10,3 kW/t	x	-	-
	T466.3	Bo'Bo' de	Diesel-electric engine	90 km/h	926 kW	10,7 kW/t	x	-	-
	T478.1	Bo'Bo' de	Diesel-electric engine	100 km/h	1102 kW	11,9 kW/t	x	-	-
	T478.3	Bo'Bo' de	Diesel-electric engine	100 km/h	1325 kW	14,4 kW/t	x	-	-
	T478.4-A	Bo'Bo' de	Diesel-electric engine	100 km/h	1460 kW	15,5 kW/t	x	-	-
	T478.4-B	Bo'Bo' de	Diesel-electric engine	100 km/h	1460 kW	14,7 kW/t	x	-	-
	T478.4-C	Bo'Bo' de	Diesel-electric engine	100 km/h	1460 kW	14,0 kW/t	x	-	-
	T478.4-D	Bo'Bo' de	Diesel-electric engine	100 km/h	1460 kW	12,9 kW/t	x	-	-
	T4D MT	Bo'Bo' etr	EMU	60 km/h	172 kW	7,7 kW/t	x	x	x
	T669.1	Co'Co' de	Diesel-electric engine	90 km/h	993 kW	6,8 kW/t	x	-	-
	T678.0	Co'Co' de	Diesel-electric engine	100 km/h	1215 kW	8,6 kW/t	x	-	-
<b>CMKS: CMKS Holding a.s., Nymburk, Česká republika</b>									
	704.5	Bo de	Diesel-electric engine	60 km/h	299 kW	6,3 kW/t	x	-	-
	740-3	Bo'Bo' de	Diesel-electric engine	80 km/h	369 kW	3,8 kW/t	x	-	-
	740.CAT	Bo'Bo' de	Diesel-electric engine	70 km/h	880 kW	9,4 kW/t	x	-	-
	741.5	Bo'Bo' de	Diesel-electric engine	90 km/h	880 kW	9,4 kW/t	x	-	-
	752.5	Bo'Bo' de	Diesel-electric engine	100 km/h	1210 kW	13,1 kW/t	x	-	-
	753-7	Bo'Bo' de	Diesel-electric engine	100 km/h	1456 kW	15,6 kW/t	x	-	-
<b>CZLoko: CZ Loko, Česká Trebová, Česká republika</b>									
	750.7 modernisierte 750	Bo'Bo' de	Diesel-electric engine	100 km/h	1550 kW	17,5 kW/t	x	-	-
	750.7-A modernisierte 750	Bo'Bo' de	Diesel-electric engine	100 km/h	1550 kW	16,6 kW/t	x	-	-
	750.7-B modernisierte 750	Bo'Bo' de	Diesel-electric engine	100 km/h	1550 kW	15,9 kW/t	x	-	-



	750.7-C modernisierte 750	Bo'Bo'de	Diesel-electric engine	100 km/h	1550 kW	15,2 kW/t	x	-	-
	750.7-D modernisierte 750	Bo'Bo'de	Diesel-electric engine	100 km/h	1550 kW	14,2 kW/t	x	-	-
	750.7-E modernisierte 750	Bo'Bo'de	Diesel-electric engine	100 km/h	1550 kW	13,3 kW/t	x	-	-
<b>Cail: Fa. Cail, Paris</b>									
	DK1 750 mm	C1' zz n4v	Rag railway	35 km/h	157 kW	9,6 kW/t	x	-	-
<b>DUEWAG: Siemens-DUEWAG (Waggonfabriken Düsseldorf+Uerdingen)</b>									
	B100	Bo'2'Bo'		100 km/h	390 kW	10,0 kW/t	x	-	-
	B80 D	Bo'2'Bo'		80 km/h	390 kW	10,0 kW/t	x	-	-
	BM92 zweiteilig	2'Bo'+2'2'		140 km/h	714 kW	5,0 kW/t	x	-	-
	MR zweiteilig	2'B'+B'2' trdh	DHMMU	130 km/h	474 kW	4,7 kW/t	x	-	-
	Ptb	B'2'B' etr	EMU	70 km/h	240 kW	4,3 kW/t	x	-	-
	SR20D1 Desiro	B'2'B' dmtr	DMMU	120 km/h	514 kW	5,1 kW/t	x	x	x
	SR20D2 Desiro	B'2'B' dmtr	DMMU	120 km/h	550 kW	5,7 kW/t	x	x	x
	SR20D3 Desiro	B'2'B' dmtr	DMMU	120 km/h	630 kW	6,4 kW/t	x	-	-
	SR20D4 Desiro	B'2'B' dmtr	DMMU	120 km/h	720 kW	7,4 kW/t	x	-	-
	SR20D5 Desiro	B'2'B' dmtr	DMMU	140 km/h	720 kW	7,1 kW/t	x	-	-
	SR20E = 3kV; 2-teilig	Bo'2'Bo' etr	EMU	140 km/h	1700 kW	19,4 kW/t	x	-	-
	SR31E = 3kV; 3-teilig	Bo'2'2'Bo' etr	EMU	140 km/h	2060 kW	18,3 kW/t	x	-	-
	SR52E 5-teilig	Bo'(2)'(Bo)'(Bo)'(2)'Bo' etr	EMU	160 km/h	3090 kW	17,7 kW/t	x	-	-
	U2	B'2'B' etr	EMU	80 km/h	300 kW	5,9 kW/t	x	-	-
	U3	B'2'B' etr	EMU	80 km/h	348 kW	6,1 kW/t	x	-	-
	U4	Bo'2'Bo' etr	EMU	80 km/h	520 kW	8,9 kW/t	x	-	-
	VT4N	A2A trdm	DMMU	120 km/h	456 kW	8,5 kW/t	x	x	x
	VT4N-R	A2A trdm	DMMU	120 km/h	396 kW	7,2 kW/t	x	-	-
<b>DWA: Bombardier Transportation-DWA (WF Dessau, Görlitz, Niesky, Bautzen, Ammendorf)</b>									
	187.00 GHE T1	A1 trdm	DMMU	40 km/h	66 kW	3,4 kW/t	x	x	x
	445 Tw+Mw+Sw	Bo'Bo'+2'2'+2'2' etr	EMU	140 km/h	1800 kW	7,9 kW/t	x	-	-
	445 Tw+Mw+Tw	Bo'Bo'+2'2'+Bo'Bo' etr	EMU	140 km/h	3600 kW	17,7 kW/t	x	-	-
	670	A'1' trdm	DMMU	100 km/h	250 kW	5,6 kW/t	x	x	x
	ET2000S fünfteilig	A'+1'+1'+1'+A'A' etr	EMU	160 km/h	750 kW	7,5 kW/t	x	-	-
	ET2000TT zweiteilig	A'1'+A' etr	EMU	160 km/h	500 kW	9,7 kW/t	x	-	-
	LVT/S	A'1' trdm	DMMU	100 km/h	265 kW	9,5 kW/t	x	-	-
	VT18.16x4 vierteilig	B'2'+2x(2'2')+2'B' dhtr	DHMMU	160 km/h	1472 kW	4,3 kW/t	x	x	x
	VT18.16x5 fünfteilig	B'2'+3x(2'2')+2'B' dhtr	DHMMU	160 km/h	1472 kW	3,6 kW/t	x	x	x
	VT18.16x6 sechsteilig	B'2'+4x(2'2')+2'B' dhtr	DHMMU	160 km/h	1472 kW	3,1 kW/t	x	x	x
	VT2.09 einteilig	1A trdm	DMMU	90 km/h	132 kW	3,5 kW/t	x	x	x
	VT2.09R einteilig, Reko	1A trdm	DMMU	90 km/h	160 kW	4,7 kW/t	x	x	x
<b>DeD: De Dietrich, France</b>									
	6400 1000 mm	B'2'2'B' dmtr	DMMU	90 km/h	470 kW	4,6 kW/t	x	-	-
<b>Decauville: Fa. Decauville, France</b>									
	3004 750 mm	2'2z'+2+Bz' Bz' detr	Rag railway	40 km/h	360 kW	8,6 kW/t	x	-	-
<b>EBC: Etablissements Billard &amp; Cie., France</b>									
	3001 750 mm	2'2z'+2+Bz' Bz' deztr	Rag railway	40 km/h	260 kW	7,5 kW/t	x	-	-
	3001Z 750 mm	2'2z'+2+Bz' Bz' deztr	Rag railway	40 km/h	260 kW	7,5 kW/t	x	-	-
<b>EE: English Electric Company, Vulcan Foundry</b>									
	Type3	Co'Co' de	Diesel-electric engine	129 km/h	1300 kW	8,6 kW/t	x	x	x
<b>EPC: S.C. Electroputere S.A., Craiova, Romäne</b>									
	060DA	Co'Co' de	Diesel-electric engine	100 km/h	1544 kW	10,0 kW/t	x	-	-
	060EA1	Co'Co' e	Electric engine	160 km/h	5100 kW	40,4 kW/t	x	-	-
	060EA1M	Co'Co' e	Electric engine	160 km/h	5100 kW	40,4 kW/t	x	-	-
<b>Faur: FAUR S.A., Werk "23. August" Bucuresti, Romäne</b>									
	119 Umbau RAW Ch.	C'C' dh	Diesel-hydraulic engine	120 km/h	2200 kW	12,2 kW/t	x	x	x
	119m Modern. RAW Ch.	C'C' dh	Diesel-hydraulic engine	120 km/h	2200 kW	14,3 kW/t	x	-	-
	L30H	C dh	Diesel-hydraulic engine	25 km/h	257 kW	6,9 kW/t	x	x	x
	L45H	B'B' dh	Diesel-hydraulic engine	40 km/h	331 kW	5,9 kW/t	x	x	x
<b>Fiat: Fabbrica Italiana Automobili Torino</b>									
	AA32	(A1)'(A1)' dmtr	DMMU	95 km/h	410 kW	4,6 kW/t	x	-	-
<b>GE: General Electric Company</b>									
	AC4400CW	Co'Co' de	Diesel-electric engine	121 km/h	3285 kW	14,7 kW/t	x	-	-
	AC6000CW	Co'Co' de	Diesel-electric engine	121 km/h	4478 kW	19,7 kW/t	x	-	-
	AC6044CW	Co'Co' de	Diesel-electric engine	121 km/h	3284 kW	14,5 kW/t	x	-	-
	C36-7	Co'Co' de	Diesel-electric engine	113 km/h	2985 kW	16,0 kW/t	x	-	-
	Dash8-40CM	Co'Co' de	Diesel-electric engine	113 km/h	2985 kW	14,1 kW/t	x	-	-
	Dash9-44CW	Co'Co' de	Diesel-electric engine	113 km/h	3285 kW	14,8 kW/t	x	-	-
	P42-F fast, no HEP	Bo'Bo' de	Diesel-electric engine	209 km/h	3400 kW	23,4 kW/t	x	-	-
	P42-HEP	Bo'Bo' de	Diesel-electric engine	177 km/h	3400 kW	17,7 kW/t	x	-	-
	P42-N no HEP	Bo'Bo' de	Diesel-electric engine	177 km/h	3400 kW	23,4 kW/t	x	-	-
	U10B	Bo'Bo' de	Diesel-electric engine	114 km/h	420 kW	5,3 kW/t	x	-	-
	U10B-875	Bo'Bo' de	Diesel-electric engine	103 km/h	645 kW	8,7 kW/t	x	-	-
	U20C-2150	Co'Co' de	Diesel-electric engine	103 km/h	1580 kW	14,6 kW/t	x	-	-
	U20C-2250	Co'Co' de	Diesel-electric engine	103 km/h	1660 kW	14,9 kW/t	x	-	-
	U22C	Co'Co' de	Diesel-electric engine	114 km/h	1860 kW	13,8 kW/t	x	-	-
	USB	Bo'Bo' de	Diesel-electric engine	96 km/h	428 kW	5,9 kW/t	x	-	-

	U6B	Bo'Bo' de	Diesel-electric engine	114 km/h	431 kW	5,2 kW/t	x	-	-
	UM10B	Bo'Bo' de	Diesel-electric engine	110 km/h	793 kW	9,6 kW/t	x	-	-
<b>GEC: GEC Alsthom, Belfort, France</b>									
	BB26000 ~ 25kV, 50Hz	B' B' e	Electric engine	200 km/h	5600 kW	61,0 kW/t	x	-	-
	BB27000 ~ 25kV, 50Hz	Bo'Bo' e	Electric engine	140 km/h	4200 kW	47,3 kW/t	x	-	-
	BB36000 ~ 25kV, 50Hz	Bo'Bo' e	Electric engine	220 km/h	6000 kW	67,5 kW/t	x	-	-
	CC-AD1600 1000 mm	Co'Co' de	Diesel-electric engine	90 km/h	1180 kW	11,3 kW/t	x	-	-
	CC-AD2400C1	Co'Co' de	Diesel-electric engine	105 km/h	1550 kW	12,8 kW/t	x	-	-
	TGV-2N1,5 = 1,5kV	2x(Bo'Bo')+9x(2') etr	EMU	300 km/h	3680 kW	8,5 kW/t	x	-	-
	TGV-2N25 ~ 25kV, 50Hz	2x(Bo'Bo')+9x(2') etr	EMU	300 km/h	8800 kW	20,3 kW/t	x	-	-
	TGV-A1,5 = 1,5kV	2x(Bo'Bo')+11x(2') etr	EMU	300 km/h	3680 kW	7,5 kW/t	x	-	-
	TGV-A25 ~ 25kV, 50Hz	2x(Bo'Bo')+11x(2') etr	EMU	300 km/h	8800 kW	17,8 kW/t	x	-	-
	TGV-PBKA15	2x(Bo'Bo')+9x(2') etr	EMU	250 km/h	3600 kW	8,3 kW/t	x	-	-
	TGV-PBKA25 ~ 25kV, 50Hz	2x(Bo'Bo')+9x(2') etr	EMU	300 km/h	8800 kW	20,2 kW/t	x	-	-
	TGV-PBKA3 = 3kV	2x(Bo'Bo')+9x(2') etr	EMU	300 km/h	5160 kW	11,9 kW/t	x	-	-
	TGV-PSE1,5 = 1,5kV	6x(Bo')+7x(2') etr	EMU	270 km/h	3100 kW	7,3 kW/t	x	-	-
	TGV-PSE15 ~ 15kV, 16,7Hz	6x(Bo')+7x(2') etr	EMU	270 km/h	2800 kW	6,6 kW/t	x	-	-
	TGV-PSE25 ~ 25kV, 50Hz	6x(Bo')+7x(2') etr	EMU	270 km/h	6450 kW	15,1 kW/t	x	-	-
	TGV-R-DC	2x(Bo'Bo')+9x(2') etr	EMU	300 km/h	3680 kW	8,7 kW/t	x	-	-
	TGV-R25 ~ 25kV, 50Hz	2x(Bo'Bo')+9x(2') etr	EMU	300 km/h	8800 kW	20,7 kW/t	x	-	-
	X72500 zweiteilig	(1A)(A1)+(1A)(A1) dhtr	DHMU	160 km/h	1200 kW	8,1 kW/t	x	-	-
<b>GME: General Motors - Electric-Motiv Division</b>									
	AEM7	Bo'Bo' e	Electric engine	209 km/h	4600 kW	37,1 kW/t	x	-	-
	Chevrolet Silverado 3500D	1'A dh	Diesel-hydraulic engine	40 km/h	292 kW	21,3 kW/t	x	-	-
	EMU	Bo'Bo' etr	EMU	129 km/h	1200 kW	19,4 kW/t	x	-	-
	F40PH no HEP	Bo'Bo' de	Diesel-electric engine	166 km/h	2430 kW	16,7 kW/t	x	-	-
	F40PH-HEP	Bo'Bo' de	Diesel-electric engine	166 km/h	2430 kW	10,9 kW/t	x	-	-
	F59	Bo'Bo' de	Diesel-electric engine	177 km/h	2430 kW	16,7 kW/t	x	-	-
	F59-125	Bo'Bo' de	Diesel-electric engine	209 km/h	3440 kW	24,0 kW/t	x	-	-
	G26CU	Co'Co' de	Diesel-electric engine	100 km/h	1672 kW	13,6 kW/t	x	-	-
	GL8U	Bo'Bo' de	Diesel-electric engine	90 km/h	699 kW	7,8 kW/t	x	-	-
	GP40-2	Bo'Bo' de	Diesel-electric engine	105 km/h	2400 kW	17,5 kW/t	x	-	-
	GR12	Co'Co' de	Diesel-electric engine	100 km/h	1024 kW	8,2 kW/t	x	-	-
	GR12U	Co'Co' de	Diesel-electric engine	91 km/h	990 kW	8,5 kW/t	x	-	-
	GT18B	Bo'Bo' de	Diesel-electric engine	130 km/h	1193 kW	12,6 kW/t	x	-	-
	JT26SS-55-0	Co'Co' de	Diesel-electric engine	96 km/h	2460 kW	15,0 kW/t	x	-	-
	JT26SS-55-2	Co'Co' de	Diesel-electric engine	121 km/h	2460 kW	15,0 kW/t	x	-	-
	JT42CWR	Co'Co' de	Diesel-electric engine	121 km/h	2385 kW	14,7 kW/t	x	x	x
	JT42HW-HS	Bo'Bo' de	Diesel-electric engine	201 km/h	2385 kW	20,6 kW/t	x	x	x
	SD39M-3	Co'Co' de	Diesel-electric engine	102 km/h	1720 kW	12,9 kW/t	x	-	-
	SD40-2	Co'Co' de	Diesel-electric engine	113 km/h	2430 kW	10,8 kW/t	x	-	-
	SD60M	Co'Co' de	Diesel-electric engine	113 km/h	2835 kW	13,3 kW/t	x	-	-
	SD70ACS	Co'Co' de	Diesel-electric engine	113 km/h	3216 kW	14,8 kW/t	x	-	-
	SD70ACS-SRO	Co'Co' de	Diesel-electric engine	113 km/h	2620 kW	12,2 kW/t	x	-	-
	SD70M	Co'Co' de	Diesel-electric engine	113 km/h	2985 kW	13,8 kW/t	x	-	-
	SD70MAC	Co'Co' de	Diesel-electric engine	113 km/h	2985 kW	13,3 kW/t	x	-	-
	SD80MAC	Co'Co' de	Diesel-electric engine	121 km/h	3731 kW	16,5 kW/t	x	-	-
	SD9043MAC	Co'Co' de	Diesel-electric engine	121 km/h	3209 kW	14,2 kW/t	x	-	-
	SD90MAC	Co'Co' de	Diesel-electric engine	121 km/h	4478 kW	19,7 kW/t	x	-	-
	SDL50	Co'Co' de	Diesel-electric engine	160 km/h	2870 kW	18,2 kW/t	x	-	-
<b>Ganz: Ganz - MAVAG, Budapest</b>									
	A6460 1000 mm	B'B+2'2'+2'2' dhtr	DHMU	100 km/h	840 kW	5,1 kW/t	x	-	-
	AA91	B'2'+2'2' dhtr	DHMU	140 km/h	839 kW	5,9 kW/t	x	-	-
	DHM-11/12	B'B' dh	Diesel-hydraulic engine	110 km/h	1220 kW	15,3 kW/t	x	-	-
	DHM-13/14	B'B' dh	Diesel-hydraulic engine	140 km/h	1547 kW	17,7 kW/t	x	-	-
	M44	Bo'Bo' de	Diesel-electric engine	80 km/h	420 kW	4,5 kW/t	x	-	-
	V43	B' B' e	Electric engine	130 km/h	2257 kW	26,8 kW/t	x	-	-
<b>Gm: Gmeinder Lokomotiven- und Maschinenfabrik GmbH, Mosbach</b>									
	D100BB	B' B' dh	Diesel-hydraulic engine	70 km/h	1095 kW	11,8 kW/t	x	-	-
	D110BB	B' B' dh	Diesel-hydraulic engine	120 km/h	1500 kW	15,7 kW/t	x	-	-
	D25B	B dh	Diesel-hydraulic engine	40 km/h	300 kW	4,7 kW/t	x	-	-
	D75BB	B' B' dh	Diesel-hydraulic engine	80 km/h	754 kW	7,6 kW/t	x	-	-
	D75BB-L Langsamgang	B' B' dh	Diesel-hydraulic engine	40 km/h	754 kW	7,6 kW/t	x	-	-
	D75BB-SE	B' B' dh	Diesel-hydraulic engine	70 km/h	746 kW	10,0 kW/t	x	x	-
	D75BB-SE-L Langsamgang	B' B' dh	Diesel-hydraulic engine	35 km/h	746 kW	10,1 kW/t	x	x	-
	HF130C1	C dh	Diesel-hydraulic engine	20 km/h	77 kW	3,0 kW/t	x	x	x
	HF130C2	C dh	Diesel-hydraulic engine	20 km/h	96 kW	3,8 kW/t	x	x	x
<b>Henschel: Henschel &amp; Sohn, Kassel</b>									
	2050	Bo'Bo' de	Diesel-electric engine	100 km/h	1050 kW	9,0 kW/t	x	-	-
	262FK	1'D1' h2t	Superheated steam engine	85 km/h		9,0 kW/t	x	-	-
	Di4	Co'Co' de	Diesel-electric engine	140 km/h	2450 kW	18,5 kW/t	x	-	-
	Di4v	Co'Co' de	Diesel-electric engine	140 km/h	2450 kW	15,0 kW/t	x	-	-
<b>IVT: INTEGRAL Verkehrstechnik AG (zu JES)</b>									

	3SD63 dreiteilig	A'A'1'1' dhtr	DHMMU	120 km/h	630 kW	6,5 kW/t	x	-	-
	5SD95 fünfteilig	A'A'1'1'1'A' trdh	DHMMU	140 km/h	945 kW	8,2 kW/t	x	-	-
<b>IndRail: Indian Railways Engine Works</b>									
	WAG7	Co'Co' e	Electric engine	100 km/h	3675 kW	27,6 kW/t	x	-	-
	WAM4	Co'Co' e	Electric engine	110 km/h	2205 kW	16,5 kW/t	x	-	-
<b>JENBACH: Jenbacher Fahrzeugwerkstätten</b>									
	2043	B' B' dh	Diesel-hydraulic engine	110 km/h	1104 kW	10,5 kW/t	x	-	-
	2068	B' B' dh	Diesel-hydraulic engine	100 km/h	820 kW	7,4 kW/t	x	-	-
	5047	2' B' dhtr	DHMMU	120 km/h	419 kW	5,8 kW/t	x	-	-
	5147	2' B'+B' 2' dhtr	DHMMU	120 km/h	838 kW	5,5 kW/t	x	-	-
	DH1500	B' B' dh	Diesel-hydraulic engine	100 km/h	1120 kW	11,4 kW/t	x	-	-
	DH600C45 Langsamgang	C' dh	Diesel-hydraulic engine	35 km/h	441 kW	5,7 kW/t	x	-	-
	DH600C45 Streckengang	C' dh	Diesel-hydraulic engine	60 km/h	441 kW	5,7 kW/t	x	-	-
<b>KNOTZ: Franz Knotz Stahl- und Kesselbau, Wien</b>									
	5090	B' B' detr	DEMU	70 km/h	235 kW	5,3 kW/t	x	x	-
<b>KRAUSS: Lokomotivfabrik Krauss, Linz</b>									
	1099	C' C' e	Electric engine	50 km/h	420 kW	8,0 kW/t	x	x	-
	Yv	C2' n2vt	Saturated steam engine	40 km/h	170 kW	5,7 kW/t	x	x	-
<b>KrMa: Siemens Krauss-Maffei Lokomotiven GmbH</b>									
	EG3100	Co'Co' e	Electric engine	140 km/h	6500 kW	48,9 kW/t	x	-	-
	MH05	C dh	Diesel-hydraulic engine	60 km/h	585 kW	5,7 kW/t	x	-	-
<b>Krupp: Krupp Verkehrstechnik GmbH, Essen</b>									
	229	C' C' dh	Diesel-hydraulic engine	140 km/h	2620 kW	14,1 kW/t	x	-	x
<b>LEW: VEB Lokomotivbau Elektrotechnische Werke Henningsdorf</b>									
	104 Streckengang	D dh	Diesel-hydraulic engine	50 km/h	380 kW	4,2 kW/t	x	x	x
	104LG Langsamgang	D dh	Diesel-hydraulic engine	25 km/h	380 kW	4,2 kW/t	x	-	-
	112	B' B' dh	Diesel-hydraulic engine	100 km/h	883 kW	9,0 kW/t	x	x	x
	112U	B' B' dh	Diesel-hydraulic engine	100 km/h	1240 kW	11,3 kW/t	x	-	-
	114	B' B' dh	Diesel-hydraulic engine	100 km/h	1100 kW	11,2 kW/t	x	x	x
	298 Umbau DR 111	B' B' dh	Diesel-hydraulic engine	80 km/h	750 kW	7,9 kW/t	x	x	x
	298LG Umbau DR 111	B' B' dh	Diesel-hydraulic engine	33 km/h	750 kW	7,9 kW/t	x	-	-
	199.8	C' C' dh	Diesel-hydraulic engine	50 km/h	883 kW	8,7 kW/t	x	x	x
	212	Bo'Bo' e	Electric engine	160 km/h	4220 kW	48,7 kW/t	x	x	x
	243 .8	Bo'Bo' e	Electric engine	120 km/h	3720 kW	43,8 kW/t	x	x	x
	250	Co'Co' e	Electric engine	125 km/h	5400 kW	43,0 kW/t	x	x	x
	251 ~ 25kV, 50Hz	Co'Co' e	Electric engine	80 km/h	3660 kW	24,8 kW/t	x	x	x
	252	Co'Co' e	Electric engine	125 km/h	5880 kW	45,1 kW/t	x	x	x
	E11	Bo'Bo' e	Electric engine	120 km/h	2920 kW	33,8 kW/t	x	x	x
	E42	Bo'Bo' e	Electric engine	100 km/h	2920 kW	33,3 kW/t	x	x	x
	EL2m-A	Bo'Bo' e	Electric engine	65 km/h	1400 kW	13,6 kW/t	x	-	-
	EL2m-H modernisiert	Bo'Bo' e	Electric engine	65 km/h	1400 kW	13,6 kW/t	x	-	-
	EL2m-K modernisiert	Bo'Bo' e	Electric engine	65 km/h	1400 kW	13,6 kW/t	x	-	-
	V60D Streckengang	D dh	Diesel-hydraulic engine	60 km/h	478 kW	6,3 kW/t	x	x	x
	V60D-L Langsamgang	D dh	Diesel-hydraulic engine	30 km/h	478 kW	6,3 kW/t	x	-	-
	V100	B' B' dh	Diesel-hydraulic engine	100 km/h	736 kW	7,7 kW/t	x	x	x
	V100-6	B' B' dh	Diesel-hydraulic engine	60 km/h	736 kW	8,0 kW/t	x	-	-
	V100-6L Langsamgang	B' B' dh	Diesel-hydraulic engine	25 km/h	736 kW	8,0 kW/t	x	-	-
	V100-L Langsamgang	B' B' dh	Diesel-hydraulic engine	65 km/h	736 kW	8,0 kW/t	x	-	-
<b>LFWF: Wiener Lokomotivfabrik Floridsdorf</b>									
	1040	Bo'Bo' e	Electric engine	90 km/h	2020 kW	23,9 kW/t	x	-	-
	1042 .0	Bo'Bo' e	Electric engine	130 km/h	3600 kW	40,8 kW/t	x	-	-
	1042.5	Bo'Bo' e	Electric engine	150 km/h	4000 kW	46,1 kW/t	x	-	-
	1046	Bo'Bo' e	Electric engine	125 km/h	1600 kW	21,5 kW/t	x	-	-
	1146	Bo'Bo' e	Electric engine	140 km/h	2000 kW	27,2 kW/t	x	-	-
<b>LH: Linke-Hofmann, Breslau</b>									
	2AK420 1000 mm	B' 2' B' dmtr	DMMU	65 km/h	310 kW	3,6 kW/t	x	-	-
<b>LHB: ALSTOM-LHB GmbH, Salzgitter</b>									
	641	(1A)'(A1)' dhtr	DHMMU	120 km/h	514 kW	6,5 kW/t	x	-	-
	641F	(1A)'(A1)' dhtr	DHMMU	140 km/h	514 kW	6,5 kW/t	x	-	-
	Cts500D 2x 315kW-Dieselmotoren	Bo'+2'+2'+Bo' detr	DEMU	100 km/h	630 kW	6,7 kW/t	x	-	-
	Cts500D1 2x 338kW-Dieselmotoren	Bo'+2'+2'+Bo' detr	DEMU	100 km/h	676 kW	6,7 kW/t	x	-	-
	Cts500D2 2x 375kW-Dieselmotoren	Bo'+2'+2'+Bo' detr	DEMU	100 km/h	750 kW	7,5 kW/t	x	-	-
	Cts500E el.Var. 15kV	Bo'+2'+2'+Bo' etr	EMU	100 km/h	630 kW	8,7 kW/t	x	-	-
	CtsE0,6 elektr. bei 600 V =	Bo'2'2'Bo' etr	EMU	70 km/h	588 kW	8,1 kW/t	x	-	-
	CtsE0,75 elektr. bei 750 V =	Bo'2'2'Bo' etr	EMU	70 km/h	588 kW	8,1 kW/t	x	-	-
	CtsE15 elektr. bei 15 kV, 16,7Hz	Bo'2'2'Bo' etr	EMU	100 km/h	648 kW	9,2 kW/t	x	-	-
	CtsHybD Hybrid bei Dieselbetrieb	Bo'2'2'Bo' detr	DEMU	100 km/h	750 kW	7,9 kW/t	x	-	-
	CtsHybE0,6 Hybrid bei 600 V =	Bo'2'2'Bo' etr	EMU	80 km/h	490 kW	6,6 kW/t	x	-	-
	CtsHybE0,75 Hybrid bei 750 V =	Bo'2'2'Bo' etr	EMU	80 km/h	588 kW	7,9 kW/t	x	-	-
	LINT-27	B'2' dhtr	DHMMU	120 km/h	315 kW	4,5 kW/t	x	-	-
	LINT-27m einteilig	B'2' dmtr	DMMU	120 km/h	315 kW	4,5 kW/t	x	-	-
	LINT-41-120 zweiteilig	B'(2)B' dmtr	DMMU	120 km/h	630 kW	5,6 kW/t	x	-	-
	LINT-41-120b zweiteilig	B'(2)B' dmtr	DMMU	120 km/h	780 kW	8,2 kW/t	x	-	-

	LINT-41-140a zweiteilig	B'(2)B' dmtr	DMMU	140 km/h	700 kW	7,4 kW/t	x	-	-
	LINT-41-140b zweiteilig	B'(2)B' dmtr	DMMU	140 km/h	720 kW	7,2 kW/t	x	-	-
	LINT-54-140b zweiteilig (648.27)	B'2'+B'B' dmtr	DMMU	140 km/h	1170 kW	7,5 kW/t	x	-	-
	LINT-54-140e zweiteilig, Ecomode	B'2'+2'B' dmtr	DMMU	140 km/h	780 kW	5,0 kW/t	x	-	-
	LINT-58-120 dreiteilig	B'(2)(2)B' dmtr	DMMU	120 km/h	720 kW	5,3 kW/t	x	-	-
	LINT-58-140b dreiteilig	B'(2)(2)B' dmtr	DMMU	140 km/h	720 kW	5,3 kW/t	x	-	-
	LINT-81-140b dreiteilig (648.28)	B'2'+B'2'+B'B' dmtr	DMMU	140 km/h	1560 kW	6,9 kW/t	x	-	-
	LINT-81-140e dreiteilig, Ecomode	B'2'+B'2'+2'B' dmtr	DMMU	140 km/h	1170 kW	5,2 kW/t	x	-	-
	LIREX-3E 3-teilig	Bo'(2')(2)Bo' etr	EMU	160 km/h	1500 kW	11,4 kW/t	x	-	-
	LIREX-3E-2 3-teilig	Bo'(Bo')(2)Bo' etr	EMU	160 km/h	2160 kW	16,3 kW/t	x	-	-
	LIREX-4D 4-teilig	Bo'(2')(2')(2)Bo' detr	DEMU	160 km/h	1300 kW	5,9 kW/t	x	-	-
	LIREX-4E-2 4-teilig	Bo'(Bo')(2')(Bo')Bo' etr	EMU	160 km/h	2880 kW	17,6 kW/t	x	-	-
	LIREX-4Ea 4-teilig	Bo'(Bo')(2')(Bo')Bo' etr	EMU	160 km/h	3000 kW	18,2 kW/t	x	-	-
	LIREX-5Ea 5-teilig	Bo'(Bo')(2')(2')(Bo')Bo' etr	EMU	160 km/h	3000 kW	15,5 kW/t	x	-	-
	LIREX-5E 5-teilig	Bo'(Bo')(2')(2')(Bo')Bo' etr	EMU	160 km/h	2960 kW	15,3 kW/t	x	-	-
	LIREX-6D-P 6-teilig	A'1A'A'+A'A'1'A' detr	DEMU	160 km/h	1140 kW	8,2 kW/t	x	-	-
	LIREX-6E-P 6-teilig	2'Bo'Bo'2'Bo'Bo'2'etr	EMU	200 km/h	3000 kW	14,7 kW/t	x	-	-
	LIREX-6E-S 6-teilig	Bo'Bo'Bo'Bo'2'Bo'Bo'etr	EMU	160 km/h	4500 kW	21,5 kW/t	x	-	-
	VTA	Bo'2'Bo' detr	DEMU	100 km/h	485 kW	5,7 kW/t	x	-	x
	VTE	Bo'2'Bo' detr	DEMU	88 km/h	312 kW	5,0 kW/t	x	-	x
<b>LKM: VEB Lokomotivbau "Karl Marx" Babelsberg</b>									
	99.77 (Neubau)	1'E1' h2t	Superheated steam engine	30 km/h		7,1 kW/t	x	x	x
	99.33	Dh2	Superheated steam engine	35 km/h	200 kW	3,4 kW/t	x	x	-
	99.23 (Neubau)	1'E1' h2t	Superheated steam engine	40 km/h		7,4 kW/t	x	x	x
	Ns4 750 mm	B dm	Diesel-mechanical engine	24 km/h	66 kW	2,9 kW/t	x	x	x
	V10C 750/1000 mm	C dm	Diesel-mechanical engine	24 km/h	75 kW	3,1 kW/t	x	x	x
	V15 .5-7	B dh	Diesel-hydraulic engine	42 km/h	132 kW	4,9 kW/t	x	x	x
	V180 remotorisiert	B'B' dh	Diesel-hydraulic engine	120 km/h	1472 kW	12,7 kW/t	x	x	x
	V180 remotorisiert	C'C' dh	Diesel-hydraulic engine	120 km/h	1766 kW	12,9 kW/t	x	x	x
	V23 .1-2	B dh	Diesel-hydraulic engine	40 km/h	162 kW	5,8 kW/t	x	x	x
	V30C	C dh	Diesel-hydraulic engine	30 km/h	243 kW	5,3 kW/t	x	x	x
<b>Lugansk: Lokfabrik "Oktoberrevolution" Lugansk</b>									
	234	Co'Co' de	Diesel-electric engine	140 km/h	2206 kW	12,3 kW/t	x	x	x
	241	Co'Co' de	Diesel-electric engine	100 km/h	2940 kW	19,3 kW/t	x	-	-
	M62	Co'Co' de	Diesel-electric engine	100 km/h	1470 kW	8,2 kW/t	x	x	x
	TE109	Co'Co' de	Diesel-electric engine	140 km/h	2206 kW	15,8 kW/t	x	x	x
	TE109G1	Co'Co' de	Diesel-electric engine	100 km/h	2206 kW	15,8 kW/t	x	x	x
	TE109G2	Co'Co' de	Diesel-electric engine	120 km/h	2206 kW	13,9 kW/t	x	x	x
	TE113	Co'Co' de	Diesel-electric engine	120 km/h	2942 kW	17,6 kW/t	x	x	x
<b>MAN: MAN - Gutehoffnungshütte Schienenverkehrstechnik AG</b>									
	KAT1 zweiteilig, 1000 mm	B'2'+2'B' dhtr	DHMU	110 km/h	512 kW	4,4 kW/t	x	x	x
	KAT2 zweiteilig	B'B'+B'B' dhtr	DHMU	120 km/h	1024 kW	6,9 kW/t	x	-	-
	KAT2000 zweiteilig	B'B'+B'2' dhtr	DHMU	120 km/h	850 kW	6,2 kW/t	x	-	-
	KAT4 dreiteilig, 1000 mm	B'B'+2'2'+B'B' dhtr	DHMU	121 km/h	1352 kW	8,0 kW/t	x	x	x
<b>MB: Mercedes-Benz</b>									
	OM457G	1'1+A		110 km/h	220 kW	6,8 kW/t	x	-	-
<b>MLW: Montreal Locomotive Works</b>									
	MX620	Co'Co' de	Diesel-electric engine	114 km/h	1640 kW	13,7 kW/t	x	-	-
	MXS624	Co'Co' de	Diesel-electric engine	130 km/h	1953 kW	15,9 kW/t	x	-	-
	MX627s	Co'Co' de	Diesel-electric engine	150 km/h	2000 kW	13,9 kW/t	x	-	-
	MX636s	Co'Co' de	Diesel-electric engine	150 km/h	2613 kW	18,3 kW/t	x	-	-
<b>MaK: Vossloh Schienenfahrzeugtechnik GmbH (ex. MaK)</b>									
	240B Streckengang	B dh	Diesel-hydraulic engine	45 km/h	176 kW	4,1 kW/t	x	x	x
	DE 1002	B'B'		90 km/h	1320 kW	11,3 kW/t	x	-	-
	DE 1024	Co'Co'		160 km/h	2650 kW	16,1 kW/t	x	x	-
	DE1002	Bo'Bo' de	Diesel-electric engine	85 km/h	1170 kW	10,5 kW/t	x	x	x
	DE1002-HLB	Bo'Bo' de	Diesel-electric engine	70 km/h	1170 kW	10,5 kW/t	x	-	-
	DE1002-NS	Bo'Bo' de	Diesel-electric engine	100 km/h	1200 kW	12,5 kW/t	x	-	-
	G 1000	B'B'		100 km/h	1100 kW	10,6 kW/t	x	-	-
	G 320 B	B'		22 km/h	240 kW	4,6 kW/t	x	-	-
	G 321 B	B		22 km/h			x	-	-
	G1000BB Streckengang	B'B' dh	Diesel-hydraulic engine	100 km/h	1100 kW	10,0 kW/t	x	-	-
	G1000BB-LG Langsamgang	B'B' dh	Diesel-hydraulic engine	60 km/h	1100 kW	10,6 kW/t	x	-	-
	G1100BB	B'B' dh	Diesel-hydraulic engine	60 km/h	808 kW	8,8 kW/t	x	x	x
	G1200	B'B' dh	Diesel-hydraulic engine	100 km/h	1150 kW	9,4 kW/t	x	-	-
	G1203	B'B' dh	Diesel-hydraulic engine	65 km/h	745 kW	7,7 kW/t	x	-	-
	G1205	B'B' dh	Diesel-hydraulic engine	100 km/h	1180 kW	9,9 kW/t	x	-	-
	G1206BB-DE	B'B' dh	Diesel-hydraulic engine	80 km/h	1500 kW	12,8 kW/t	x	-	-
	G1206BB-EH	B'B' dh	Diesel-hydraulic engine	90 km/h	1500 kW	12,8 kW/t	x	-	-
	G1206BB-V	B'B' dh	Diesel-hydraulic engine	100 km/h	1500 kW	12,8 kW/t	x	-	-
	G1700	B'B' dh	Diesel-hydraulic engine	100 km/h	1700 kW	14,8 kW/t	x	-	-
	G1700-1BB	B'B' dh	Diesel-hydraulic engine	100 km/h	1500 kW	12,8 kW/t	x	-	-
	G1700-2BB	B'B' dh	Diesel-hydraulic engine	100 km/h	1700 kW	16,6 kW/t	x	-	-

	G1700-BB Streckengang	B' B' dh	Diesel-hydraulic engine	100 km/h	1500 kW	14,0 kW/t	x	-	-
	G1700-LG Langsamgang	B' B' dh	Diesel-hydraulic engine	40 km/h	1500 kW	14,4 kW/t	x	-	-
	G2000-4BB	B' B' dh	Diesel-hydraulic engine	120 km/h	2700 kW	23,8 kW/t	x	-	-
	G2000BB	B' B' dh	Diesel-hydraulic engine	120 km/h	2240 kW	20,0 kW/t	x	-	-
	G322 Streckengang	B dh	Diesel-hydraulic engine	60 km/h	330 kW	5,6 kW/t	x	-	-
	G400B-DB	B dh	Diesel-hydraulic engine	80 km/h	390 kW	6,8 kW/t	x	-	-
	G400B-NS	B dh	Diesel-hydraulic engine	40 km/h	390 kW	6,8 kW/t	x	-	-
	G400B-V	B dh	Diesel-hydraulic engine	70 km/h	390 kW	6,9 kW/t	x	-	-
	G765C	C dh	Diesel-hydraulic engine	47 km/h	560 kW	6,6 kW/t	x	-	-
	G800BB	B' B' dh	Diesel-hydraulic engine	100 km/h	738 kW	7,2 kW/t	x	-	-
	V90.9 Streckengang	B' B' dh	Diesel-hydraulic engine	80 km/h	809 kW	7,9 kW/t	x	-	-
	V90.9LG Rangiergang	B' B' dh	Diesel-hydraulic engine	40 km/h	809 kW	7,9 kW/t	x	-	-
<b>MeCa: Metro-Cammell</b>									
	DMU156 "Super Sprinter"	2'B'+B'2' dhtr	DHMU	121 km/h	426 kW	4,8 kW/t	x	x	x
<b>Mitsub: Mitsubishi Lokomotive Works</b>									
	CCAD1600A1 1000 mm	B' B' dh	Diesel-hydraulic engine	85 km/h	460 kW	7,4 kW/t	x	-	-
	CCAD1600A2 1000 mm	B' B' dh	Diesel-hydraulic engine	50 km/h	460 kW	7,4 kW/t	x	-	-
<b>NEBB: Norsk Elektrisk &amp; Brown Boveri A/S, Oslo</b>									
	BM69D dreiteilig	Bo'Bo'+2'2'+2'2' etr	EMU	130 km/h	1188 kW	7,6 kW/t	x	-	-
	EL17	Bo'Bo' e	Electric engine	150 km/h	3400 kW	52,6 kW/t	x	x	x
<b>NOHAB: Nydqvist &amp; Holm AB, Trollhättan, Sverige</b>									
	Di3a	Co'Co' de	Diesel-electric engine	105 km/h	1305 kW	10,3 kW/t	x	-	-
	Di3b	(A1A)'(A1A)' de	Diesel-electric engine	143 km/h	1305 kW	10,2 kW/t	x	-	-
<b>PESA: Pojazdy Szynowe PESA Bydgoszcz SA</b>									
	214M einteilig	B'2' dhtr	DHMU	120 km/h	400 kW	5,7 kW/t	x	-	-
	214Ma einteilig	B'2' dmtr	DMMU	140 km/h	315 kW	4,2 kW/t	x	-	-
	218Ma zweiteilig	B'(2)'B' dmtr	DMMU	140 km/h	630 kW	4,2 kW/t	x	-	-
	218Md zweiteilig	B'(2)'B' dmtr	DMMU	140 km/h	720 kW	6,0 kW/t	x	-	-
	LINK DMU2-CD zweiteilig	B'2'B' dmtr	DMMU	120 km/h	780 kW	6,5 kW/t	x	-	-
<b>PRS: Progress Rail Services, Montgomery, AL</b>									
	Kershaw4600 Ballast Regulator	A1 dh	Diesel-hydraulic engine	56 km/h	186 kW	6,0 kW/t	x	-	-
<b>PT: Plasser &amp; Theurer - Export von Bahnbaumaschinen Gesellschaft m.b.H. (Wien, Österreich)</b>									
	09-4X	B'2'+2'2' dh	Diesel-hydraulic engine	100 km/h	440 kW	2,1 kW/t	x	-	-
<b>Pafawag: Adtranz Pafawag Sp.zo.o (Wroclaw, Polska)</b>									
	104Eb = 3kV	Bo'Bo'e	Electric engine	160 km/h	3700 kW	42,2 kW/t	x	-	-
	303E = 3kV	Bo'Bo'e	Electric engine	125 km/h	3240 kW	37,4 kW/t	x	-	-
	EN57AKM	2'2'+Bo'Bo'+2'2' etr	EMU	120 km/h	1400 kW	9,9 kW/t	x	-	-
<b>ROBEL: ROBEL Bahnbaumaschinen GmbH, Freilassing</b>									
	GKW54-24	B' B' dh	Diesel-hydraulic engine	100 km/h	660 kW	11,8 kW/t	x	-	-
<b>ROTEM: Rotem Company, Hyundai Motor Group, South Corea</b>									
	AMACDC	o'Bo'+2'2'+Bo'Bo'+Bo'Bo'+2'2'+Bo'Bo' e	EMU	120 km/h	4253 kW	14,4 kW/t	x	-	-
<b>SDA: Stadler Rail Group (CH: Bussnang, Altenrhein; D: Pankow)</b>									
	ABeh4/10	2'2'Bo'Bo'2' etr	EMU	80 km/h	1340 kW	11,9 kW/t	x	-	-
	ABeh4/8	2'Bo'Bo'2' etr	EMU	80 km/h	1340 kW	14,8 kW/t	x	-	-
	BDSeh4/8	2'Bo'Bo'2' etr	EMU	80 km/h	1340 kW	15,6 kW/t	x	-	-
	Flirt-3E-168 dreiteilig	Bo'(2)'(2)'Bo'etr	EMU	160 km/h	2640 kW	21,7 kW/t	x	-	-
	Flirt-4E-168 vierteilig	Bo'(2)'(2)'(2)'Bo'etr	EMU	160 km/h	2640 kW	18,3 kW/t	x	-	-
	Flirt-5E-168 fünfteilig	Bo'(2)'(2)'(2)'(2)'Bo'etr	EMU	160 km/h	2640 kW	15,4 kW/t	x	-	-
	Flirt-5E-200 fünfteilig	Bo'(2)'(2)'(2)'(2)'Bo'etr	EMU	160 km/h	2640 kW	15,4 kW/t	x	-	-
	GTWd26-D	2'Bo'2' detr	DEMU	120 km/h	550 kW	6,3 kW/t	x	-	-
	GTWd26-NJT	2'Bo'2' detr	DEMU	110 km/h	550 kW	6,5 kW/t	x	-	-
	GTWd26-OSE	2'Bo'2' detr	DEMU	115 km/h	550 kW	6,3 kW/t	x	x	x
	GTWd48	2'Bo'Bo'2' detr	DEMU	120 km/h	1048 kW	8,9 kW/t	x	-	-
	GTWe26	2'Bo'2' etr	EMU	140 km/h	1134 kW	14,3 kW/t	x	-	-
	GTWe26-BTI = 1,2kV	2'Bo'2' etr	EMU	80 km/h	600 kW	12,0 kW/t	x	-	-
	GTWe26-MThB ~ 15kV, 16,7Hz	2'Bo'2' etr	EMU	130 km/h	760 kW	10,5 kW/t	x	-	-
	GTWe26-ZSR = 1,5kV	2'Bo'2' etr	EMU	90 km/h	600 kW	10,6 kW/t	x	-	-
	GTWe28	2'Bo'2'2' etr	EMU	140 km/h	1134 kW	11,0 kW/t	x	-	-
	GTWe28-See	2'Bo'2'2' etr	EMU	115 km/h	770 kW	9,0 kW/t	x	-	-
	HGm2/2p	Bo' de	Diesel-electric engine	65 km/h	550 kW	19,3 kW/t	x	-	-
	HGm2/2pz	Bo' de	Diesel-electric engine	65 km/h	550 kW	19,3 kW/t	x	-	-
	HGm2/2sz	Bo' de	Diesel-electric engine	35 km/h	550 kW	19,3 kW/t	x	-	-
<b>SGP: SIMMERING-GRAZ-PAUKER</b>									
	1010	Co'Co' e	Electric engine	130 km/h	4000 kW	34,6 kW/t	x	-	-
	1012	Bo'Bo' e	Electric engine	230 km/h	6400 kW	76,3 kW/t	x	-	-
	1014	Bo'Bo' e	Electric engine	170 km/h	3000 kW	40,1 kW/t	x	-	-
	1041	Bo'Bo' e	Electric engine	90 km/h	2020 kW	23,1 kW/t	x	-	-
	1041.2 110 km/h	Bo'Bo' e	Electric engine	110 km/h	2360 kW	27,0 kW/t	x	-	-
	1044	Bo'Bo' e	Electric engine	160 km/h	5400 kW	61,9 kW/t	x	-	-
	1063	Bo'Bo' e	Electric engine	100 km/h	2000 kW	26,0 kW/t	x	-	-
	1064	Co'Co' e	Electric engine	80 km/h	1520 kW	13,3 kW/t	x	-	-
	1110	Co'Co' e	Electric engine	110 km/h	4000 kW	35,8 kW/t	x	-	-
	1110.5 mit E-Bremse	Co'Co' e	Electric engine	110 km/h	4000 kW	35,4 kW/t	x	-	-

	1114	Bo'Bo' e	Electric engine	170 km/h	3000 kW	46,4 kW/t	x	-	-
	1141	Bo'Bo' e	Electric engine	110 km/h	2480 kW	29,5 kW/t	x	-	-
	1163	Bo'Bo' e	Electric engine	120 km/h	1600 kW	19,6 kW/t	x	-	-
	1822	Bo'Bo' e	Electric engine	140 km/h	4400 kW	53,1 kW/t	x	-	-
	2095	B' B' dh	Diesel-hydraulic engine	60 km/h	440 kW	8,9 kW/t	x	x	-
	2143	B' B' dh	Diesel-hydraulic engine	110 km/h	1115 kW	11,0 kW/t	x	-	-
	4010 sechsteilig	Bo'Bo'+5x(2'2') etr	EMU	150 km/h	2500 kW	7,9 kW/t	x	-	-
	4020 dreiteilig	Bo'Bo'+2'2'+2'2' etr	EMU	120 km/h	1200 kW	7,6 kW/t	x	-	-
	4030.2 dreiteilig	Bo'Bo'+2'2'+2'2' etr	EMU	100 km/h	1000 kW	6,5 kW/t	x	-	-
	4090B vierteilig	Bo'Bo'+2x(2'2')+Bo'Bo' etr	EMU	70 km/h	510 kW	4,2 kW/t	x	x	-
	4090K zweiteilig	Bo'Bo'+2'2' etr	EMU	70 km/h	255 kW	4,2 kW/t	x	x	-
	4090T dreiteilig	Bo'Bo'+2x(2'2') etr	EMU	70 km/h	255 kW	2,9 kW/t	x	x	-
<b>SLM: Schweizerische Lokomotivfabrik Winterthur, Asea Brown Boveri Oerlikon u.a.</b>									
	ABDeh8/8	Bo'Bo'+Bo'Bo' etr	EMU	55 km/h	1178 kW	11,0 kW/t	x	-	-
	Ae610 Ae 6/6 Serie	Co'Co' e	Electric engine	125 km/h	4416 kW	28,9 kW/t	x	-	-
	Deh4/4	Bo'Bo' etr	EMU	60 km/h	1030 kW	19,4 kW/t	x	-	-
	Deh4/4-2	Bo'Bo' etr	EMU	65 km/h	1095 kW	20,2 kW/t	x	-	-
	El18	Bo'Bo' e	Electric engine	200 km/h	5400 kW	62,7 kW/t	x	-	-
	Ge4/4II	Bo'Bo' e	Electric engine	90 km/h	1549 kW	29,4 kW/t	x	-	-
	HGe4/4I	Bo'Bo' e	Electric engine	45 km/h	576 kW	10,5 kW/t	x	-	-
	HGe4/4II	Bo'Bo' e	Electric engine	90 km/h	1930 kW	28,7 kW/t	x	-	-
	HGe4/4In	Bo'Bo' e	Electric engine	55 km/h	576 kW	10,5 kW/t	x	-	-
	HGm4/4	Bo'Bo' de	Diesel-electric engine	50 km/h	700 kW	9,6 kW/t	x	-	-
	Re420	Bo'Bo' e	Electric engine	140 km/h	4780 kW	59,2 kW/t	x	-	-
	Re425	Bo'Bo' e	Electric engine	140 km/h	4980 kW	61,6 kW/t	x	-	-
	Re430	Bo'Bo' e	Electric engine	125 km/h	4780 kW	59,2 kW/t	x	-	-
	Re450	Bo'Bo' e	Electric engine	130 km/h	3200 kW	43,1 kW/t	x	-	-
	Re456	Bo'Bo' e	Electric engine	130 km/h	3200 kW	45,9 kW/t	x	-	-
	Re460 "Lok 2000"	Bo'Bo' e	Electric engine	230 km/h	6000 kW	71,3 kW/t	x	-	-
	Re465	Bo'Bo' e	Electric engine	230 km/h	7000 kW	82,5 kW/t	x	-	-
	Re620	Bo'Bo'Bo' e	Electric engine	140 km/h	8028 kW	65,6 kW/t	x	-	-
	Tm2/2	B' dm	Diesel-mechanical engine	80 km/h	550 kW	14,0 kW/t	x	-	-
<b>SMF: Sächsische Maschinenfabrik AG Chemnitz (vorm. R. Hartmann)</b>									
	IV K	B'B' n4vt	Saturated steam engine	30 km/h		4,5 kW/t	x	x	x
	XI HT	E h2t	Superheated steam engine	45 km/h	988 kW	10,4 kW/t	x	x	x
	XIV HT	1'C1' h2t	Superheated steam engine	75 km/h		8,4 kW/t	x	x	x
	XVIII H	2'C1' h3+2'2'T31/7	Superheated steam engine+Tender	120 km/h		8,3 kW/t	x	x	x
	XX HV	1'D1' h4v+2'2'T38/9	Superheated steam engine+Tender	120 km/h		6,7 kW/t	x	x	x
<b>Schöma: Christoph Schöttler Maschinenfabrik GmbH</b>									
	OSEDA1	B' B' dm	Diesel-mechanical engine	30 km/h	180 kW	5,0 kW/t	x	-	-
<b>SIVT: Siemens Verkehrstechnik</b>									
	CombinoDuo-D dreiteilig	Bo'Bo' detr	DEMU	70 km/h	180 kW	4,0 kW/t	x	-	-
	DHMu-ML3 dreiteilig	B'2'2'B' dhtr	DHMu	145 km/h	1120 kW	6,4 kW/t	x	-	-
	E412-1,5 = 1,5 kV	Bo'Bo' e	Electric engine	200 km/h	2525 kW	28,7 kW/t	x	-	-
	E412-15 ~ 15kV, 16,7Hz	Bo'Bo' e	Electric engine	200 km/h	5150 kW	58,6 kW/t	x	-	-
	E412-3 = 3 kV	Bo'Bo' e	Electric engine	200 km/h	5600 kW	63,7 kW/t	x	-	-
	EMU-ML2 zweiteilig	Bo'Bo'+Bo'Bo' etr	EMU	160 km/h	2440 kW	21,2 kW/t	x	-	-
	EMU-ML3 dreiteilig	Bo'Bo'+2'2'+Bo'Bo' etr	EMU	160 km/h	2240 kW	14,5 kW/t	x	-	-
	EMU-ML4 vierteilig	Bo'Bo'+2'2'+2'2'+Bo'Bo' etr	EMU	160 km/h	2240 kW	11,3 kW/t	x	-	-
	ES64F ~ 15kV; ~ 25kV	Bo'Bo' e	Electric engine	140 km/h	6480 kW	73,3 kW/t	x	x	x
	ES64F-1,5 = 1,5kV	Bo'Bo' e	Electric engine	140 km/h	4200 kW	47,6 kW/t	x	-	-
	ES64F-3 = 3kV	Bo'Bo' e	Electric engine	140 km/h	6000 kW	67,9 kW/t	x	-	-
	ES64P "EuroSprinter"	Bo'Bo' e	Electric engine	230 km/h	6400 kW	72,2 kW/t	x	-	-
	ES64U ~ 15kV, 16,7Hz	Bo'Bo' e	Electric engine	230 km/h	6400 kW	73,3 kW/t	x	-	-
	ES64U2 ~ 15kV; ~ 25kV	Bo'Bo' e	Electric engine	230 km/h	6400 kW	73,3 kW/t	x	-	-
	ES64U4-1,5D 4,2 MW; = 1,5kV	Bo'Bo' e	Electric engine	200 km/h	4200 kW	47,8 kW/t	x	-	-
	ES64U4-1,5S 3,0 MW; = 1,5kV	Bo'Bo' e	Electric engine	200 km/h	3000 kW	34,0 kW/t	x	-	-
	ES64U4-3 = 3kV;	Bo'Bo' e	Electric engine	200 km/h	6000 kW	67,9 kW/t	x	-	-
	ES64U4-AC60 6,0 MW; ~ 15kV; ~ 25kV	Bo'Bo' e	Electric engine	230 km/h	6000 kW	67,9 kW/t	x	-	-
	ES64U4-AC64 6,4 MW; ~ 15kV; ~ 25kV	Bo'Bo' e	Electric engine	230 km/h	6400 kW	72,5 kW/t	x	-	-
	ET425M-CRS vierteilig	Bo'Bo'2'Bo'Bo' etr	EMU	160 km/h	1850 kW	11,8 kW/t	x	-	-
	ET425M-ERL vierteilig	Bo'Bo'2'Bo'Bo' etr	EMU	160 km/h	1850 kW	13,9 kW/t	x	-	-
	ETR470	6x((1A)'(A1)')+3x(2'2') etr	EMU	200 km/h	5880 kW	11,6 kW/t	x	-	-
	H560	Bo'Bo' e	Electric engine	200 km/h	5100 kW	62,5 kW/t	x	-	-
	ICE1x1 ein Triebkopf	Bo'Bo' etr	EMU	280 km/h	4850 kW	61,6 kW/t	x	x	x
	ICE1x2 zwei Triebköpfe	Bo'Bo'+Bo'Bo' etr	EMU	280 km/h		61,5 kW/t	x	x	x
	ICE3AC achteilig	4x(Bo'Bo') + 4x(2'2') etr	EMU	330 km/h	8081 kW	17,3 kW/t	x	-	-
	ICE3DC achteilig	4x(Bo'Bo') + 4x(2'2') etr	EMU	220 km/h	4340 kW	9,3 kW/t	x	-	-
	ICE3ES achteilig	4x(Bo'Bo') + 4x(2'2') etr	EMU	330 km/h	8081 kW	18,2 kW/t	x	-	-
	ICTDx4 vierteilig	4 x (2'Bo') detr	DEMU	200 km/h	2240 kW	6,9 kW/t	x	x	x
	ICTx5 fünfteilig	2x(2'2')+ 3x((1A)'(A1)') etr	EMU	230 km/h	3030 kW	10,1 kW/t	x	-	-
	ICTx7 siebenteilig	3x(2'2')+ 4x((1A)'(A1)') etr	EMU	230 km/h	4040 kW	9,8 kW/t	x	-	-
	ME20	Bo'Bo' de	Diesel-electric engine	140 km/h	2000 kW	19,9 kW/t	x	-	-

	ME20P4	Bo'Bo'de	Diesel-electric engine	140 km/h	2000 kW	18,5 kW/t	x	-	-
	ME20P10	Bo'Bo'de	Diesel-electric engine	140 km/h	2000 kW	15,6 kW/t	x	-	-
	ME26	Co'Co'de	Diesel-electric engine	160 km/h	2700 kW	18,5 kW/t	x	-	-
	ME26P4	Co'Co'de	Diesel-electric engine	160 km/h	2700 kW	16,8 kW/t	x	-	-
	ME26P10	Co'Co'de	Diesel-electric engine	160 km/h	2700 kW	15,2 kW/t	x	-	-
	VectronDE-24	Bo'Bo'de	Diesel-electric engine	160 km/h	2400 kW	23,0 kW/t	x	-	-
	VectronE-AC64 6,4 MW; ~ 15kV; ~ 25kV	Bo'Bo'e	Electric engine	200 km/h	6600 kW	73,6 kW/t	x	-	-
	VectronE-DC1,5 3,5 MW; = 1,5kV	Bo'Bo'e	Electric engine	160 km/h	3608 kW	40,2 kW/t	x	-	-
	VectronE-DC3 6,0 MW; = 3kV	Bo'Bo'e	Electric engine	160 km/h	6186 kW	69,0 kW/t	x	-	-
	Velaro-D achtteilig	4x(Bo'Bo') + 4x(2'2') etr	EMU	320 km/h	8980 kW	18,5 kW/t	x	-	-
	Velaro-E achtteilig	4x(Bo'Bo') + 4x(2'2') etr	EMU	350 km/h	8980 kW	18,8 kW/t	x	-	-
<b>Skoda: Škoda, Plzen, Česká republika</b>									
	109E	Bo'Bo'e	Electric engine	200 km/h	6400 kW	74,7 kW/t	x	-	-
	16E = 1,5kV	Bo'Bo'e	Electric engine	50 km/h	360 kW	7,0 kW/t	x	-	-
	30E = 3kV	Bo'Bo'e	Electric engine	120 km/h	2032 kW	22,5 kW/t	x	-	-
	33E1 = 3kV	Bo'Bo'e	Electric engine	80 km/h	800 kW	10,3 kW/t	x	-	-
	33E2 = 1,5kV	Bo'Bo'e	Electric engine	50 km/h	400 kW	5,8 kW/t	x	-	-
	43E = 3kV	Bo'Bo'e	Electric engine	90 km/h	2032 kW	21,5 kW/t	x	-	-
	47E1 ~ 25kV, 50Hz	Bo'Bo'e	Electric engine	110 km/h	3080 kW	34,8 kW/t	x	-	-
	47E4 ~ 25kV, 50Hz	Bo'Bo'e	Electric engine	120 km/h	3080 kW	34,4 kW/t	x	-	-
	47E4M-15 ~ 15kV, 16,7Hz	Bo'Bo'e	Electric engine	120 km/h	3080 kW	10,9 kW/t	x	-	-
	47E4M-25 ~ 25kV, 50Hz	Bo'Bo'e	Electric engine	120 km/h	3080 kW	34,4 kW/t	x	-	-
	51E1 ~ 25kV, 50Hz	Bo'Bo'e	Electric engine	80 km/h	880 kW	13,1 kW/t	x	-	-
	55E-25 ~ 25kV, 50Hz	Bo'Bo'e	Electric engine	160 km/h	4000 kW	42,3 kW/t	x	-	-
	55E-3 = 3kV	Bo'Bo'e	Electric engine	160 km/h	4000 kW	42,3 kW/t	x	-	-
	57E1 = 3kV	Bo'Bo'e	Electric engine	90 km/h	1990 kW	21,8 kW/t	x	-	-
	57E2 = 3kV	Bo'Bo'e	Electric engine	90 km/h	1990 kW	21,8 kW/t	x	-	-
	58 E1 = 3kV	Bo'Bo'Bo'Bo'e	Electric engine	100 km/h	4480 kW	24,5 kW/t	x	-	-
	59E = 3kV	Co'Co'e	Electric engine	90 km/h	2790 kW	21,6 kW/t	x	-	-
	61E = 3kV	Co'Co'e	Electric engine	90 km/h	2790 kW	21,6 kW/t	x	-	-
	65E = 3kV	Bo'Bo'e	Electric engine	140 km/h	4000 kW	43,3 kW/t	x	-	-
	65EM = 3kV	Bo'Bo'e	Electric engine	160 km/h	4000 kW	43,3 kW/t	x	-	-
	69E-25 ~ 25kV, 50Hz	Bo'Bo'e	Electric engine	120 km/h	3060 kW	33,4 kW/t	x	-	-
	69E-3 = 3kV	Bo'Bo'e	Electric engine	120 km/h	3060 kW	34,2 kW/t	x	-	-
	69Er-25 ~ 25kV, 50Hz	Bo'Bo'e	Electric engine	140 km/h	3060 kW	33,0 kW/t	x	-	-
	69Er-3 = 3kV	Bo'Bo'e	Electric engine	140 km/h	3060 kW	33,0 kW/t	x	-	-
	70E0 ~ 25kV, 50Hz	Bo'Bo'e	Electric engine	120 km/h	3000 kW	34,6 kW/t	x	-	-
	71E = 3kV	Bo'Bo'e	Electric engine	120 km/h	3060 kW	34,2 kW/t	x	-	-
	71Em modernisierte 163	Bo'Bo'e	Electric engine	120 km/h	3700 kW	40,4 kW/t	x	-	-
	73E1 ~ 25kV, 50 Hz	Bo'Bo'e	Electric engine	120 km/h	3080 kW	34,8 kW/t	x	-	-
	76E-15 ~ 15kV, 16,7Hz	Bo'Bo'e	Electric engine	120 km/h	3080 kW	34,1 kW/t	x	-	-
	76E-3 = 3kV	Bo'Bo'e	Electric engine	120 km/h	3080 kW	34,1 kW/t	x	-	-
	76EM-15 ~ 15kV, 16,7Hz	Bo'Bo'e	Electric engine	160 km/h	3080 kW	34,1 kW/t	x	-	-
	76EM-3 = 3kV	Bo'Bo'e	Electric engine	160 km/h	3080 kW	34,1 kW/t	x	-	-
	78E1 = 3kV	Bo'Bo'e	Electric engine	80 km/h	800 kW	10,6 kW/t	x	-	-
	79E1 = 3kV	Bo'Bo'e	Electric engine	100 km/h	2040 kW	22,3 kW/t	x	-	-
	7Ev - 2 = 3kV, ~ 25kV, 50 Hz	Bo'2'+2'Bo'etr	EMU	160 km/h	1360 kW	12,2 kW/t	x	-	-
	7Ev - 3 = 3kV, ~ 25kV, 50 Hz	Bo'2'+Bo'2'+2'Bo'etr	EMU	160 km/h	2040 kW	12,1 kW/t	x	-	-
	7Ev - 5 = 3kV, ~ 25kV, 50 Hz	Bo'2' + Bo'2' + 2'2' + 2'Bo' + 2'Bo' etr	EMU	160 km/h	2720 kW	9,9 kW/t	x	-	-
	98E = 3kV	Bo'Bo'e	Electric engine	140 km/h	3060 kW	33,0 kW/t	x	-	-
<b>TMSTG: Consortium Trans Manche Super Train Group</b>									
	TGV-Tr0,75 = 750 V	6x(Bo')+18x(2') etr	EMU	113 km/h	3400 kW	4,1 kW/t	x	-	-
	TGV-Tr25 ~ 25kV, 50Hz	6x(Bo')+18x(2') etr	EMU	300 km/h	12240 kW	14,7 kW/t	x	-	-
	TGV-Tr3 = 3kV	6x(Bo')+18x(2') etr	EMU	300 km/h	5700 kW	6,8 kW/t	x	-	-
<b>TS: Turcianske Strojarnie, Martin, Slovenská republika</b>									
	T212.1	B dh	Diesel-hydraulic engine	40 km/h	147 kW	3,7 kW/t	x	-	-
	T444.1	B' B' dh	Diesel-hydraulic engine	70 km/h	515 kW	6,6 kW/t	x	-	-
	T466.0	Bo'Bo'de	Diesel-electric engine	90 km/h	926 kW	10,7 kW/t	x	-	-
<b>Talbot: Bombardier Transportation-Talbot</b>									
	Talent2de076 zweiteilig	Bo'2'Bo' detr	DEMU	140 km/h	764 kW	5,8 kW/t	x	-	-
	Talent2dm063 zweiteilig	B'2'B' trdm	DMMU	120 km/h	630 kW	6,7 kW/t	x	-	-
	Talent2dmM zweiteilig	B'2'B' trdm	DMMU	100 km/h	630 kW	7,2 kW/t	x	-	-
	Talent2dmN zweiteilig	B'2'B' dmtr	DMMU	140 km/h	630 kW	5,4 kW/t	x	-	-
	Talent2e141 zweiteilig	Bo'2'Bo' etr	EMU	160 km/h	2080 kW	22,0 kW/t	x	-	-
	Talent3de075 dreiteilig	Bo'2'2'Bo' detr	DEMU	140 km/h	750 kW	4,1 kW/t	x	-	-
	Talent3de100 dreiteilig	Bo'2'2'Bo' trde	DEMU	120 km/h	1010 kW	6,3 kW/t	x	-	-
	Talent3dh dreiteilig	B'2'2'B' trdh	DHMMU	120 km/h	1100 kW	8,4 kW/t	x	-	-
	Talent3dm063 dreiteilig	B'2'2'B' trdm	DMMU	120 km/h	630 kW	4,4 kW/t	x	-	-
	Talent3e104 dreiteilig	Bo'2'2'Bo' etr	EMU	140 km/h	1475 kW	12,8 kW/t	x	-	-
	Talent3e122 dreiteilig	Bo'2'2'Bo' etr	EMU	140 km/h	1475 kW	12,8 kW/t	x	-	-
	Talent3e141 dreiteilig	Bo'2'2'Bo' etr	EMU	160 km/h	2080 kW	17,1 kW/t	x	-	-
	Talent4e098 vierteilig	Bo'2'2'2'Bo' etr	EMU	140 km/h	1475 kW	10,4 kW/t	x	-	-
	Talent4e110 vierteilig	Bo'2'2'2'Bo' etr	EMU	140 km/h	1475 kW	10,4 kW/t	x	-	-

	Talent4e122 vierteilig	Bo'2'2'2'Bo'etr	EMU	140 km/h	1475 kW	10,4 kW/t	x	-	-
	Talent4e205 vierteilig	Bo'2'Bo'2'Bo'etr	EMU	160 km/h	3124 kW	19,3 kW/t	x	-	-
	Talent5e205 fünfteilig	Bo'2'Bo'2'2'Bo'etr	EMU	160 km/h	3124 kW	16,5 kW/t	x	-	-
<b>Talgo: Patentes Talgo SA</b>									
	XXI-DTK1 1500 kW	B' dh	Diesel-hydraulic engine	220 km/h	1500 kW	25,1 kW/t	x	-	-
	XXI-DTK1.2 1100 kW	B' dh	Diesel-hydraulic engine	160 km/h	1100 kW	18,4 kW/t	x	-	-
	XXI-DTK2 1500 kW	B'+B' dh	Diesel-hydraulic engine	220 km/h	3000 kW	25,2 kW/t	x	-	-
	XXI-DTK2.2 1100 kW	B'+B' dh	Diesel-hydraulic engine	160 km/h	2200 kW	18,4 kW/t	x	-	-
	XXI-ETK1	Bo' e	Electric engine	220 km/h	2040 kW	46,5 kW/t	x	-	-
	XXI-ETK2	Bo'+Bo' e	Electric engine	220 km/h	4080 kW	46,5 kW/t	x	-	-
	XXII achteilig	Bo'7x(1')Bo'etr	EMU	200 km/h	2860 kW	15,0 kW/t	x	-	-
	XXII-9 neunteilig	Bo'8x(1')Bo'etr	EMU	200 km/h	2800 kW	12,9 kW/t	x	-	-
<b>UTMR: Unita Technologie Materiale Rotabile</b>									
	ATR410	Bo'Bo'+Bo'Bo' detr	DEMU	160 km/h	1060 kW	6,8 kW/t	x	-	-
	ETR500	Bo'Bo'+11x(2'2')+Bo'Bo'etr	EMU	300 km/h	8800 kW	14,5 kW/t	x	-	-
<b>VKG: Vossloh Kiepe GmbH, Düsseldorf</b>									
	Citylink NET2012	Bo'2'2'Bo'etr	EMU	80 km/h	521 kW	7,6 kW/t	x	-	-
<b>VS: Vagonka Tatra, Studénka, Česká republika</b>									
	470 = 3kV	Bo'Bo'etr	EMU	120 km/h	976 kW	13,2 kW/t	x	-	-
	471 = 3kV - dreiteilig	Bo'Bo'2'2'2'etr	EMU	140 km/h	2000 kW	10,8 kW/t	x	-	-
	675 Prototyp	Bo'Bo'+4x(2'2')+Bo'Bo'etr	EMU	160 km/h	4000 kW	11,4 kW/t	x	-	-
	842	(1A)(A1) dhtr	DHMMU	100 km/h	425 kW	5,5 kW/t	x	-	-
	843	Bo'Bo' detr	DEMU	110 km/h	600 kW	8,5 kW/t	x	-	-
	854	2'B' dhtr	DHMMU	120 km/h	588 kW	8,5 kW/t	x	-	-
	EM475.1 = 3kV - vierteilig	Bo'Bo'+2'2'+2'2'+Bo'Bo'etr	EMU	100 km/h	1320 kW	5,2 kW/t	x	-	-
	EM488.0 = 3kV	Bo'Bo'etr	EMU	110 km/h	1000 kW	13,2 kW/t	x	-	-
	M131	1A dmtr	DMMMU	60 km/h	114 kW	3,2 kW/t	x	-	-
	M152.0	1A dmtr	DMMMU	80 km/h	155 kW	5,4 kW/t	x	x	x
	M240.0	B'2' dhtr	DHMMU	70 km/h	206 kW	3,9 kW/t	x	-	-
	M262.0	2'Bo' detr	DEMU	90 km/h	302 kW	4,5 kW/t	x	-	-
	M286.0	2'B' dhtr	DHMMU	110 km/h	515 kW	6,6 kW/t	x	-	-
	M286.1	2'B' dhtr	DHMMU	110 km/h	588 kW	7,5 kW/t	x	-	-
	M296.1	2'B' dhtr	DHMMU	120 km/h	588 kW	7,5 kW/t	x	-	-
	SM488.0 ~ 25kV, 50Hz	Bo'Bo'etr	EMU	110 km/h	840 kW	11,3 kW/t	x	-	-
<b>VTL: Voith Turbo Lokomotivtechnik GmbH &amp; Co. KG</b>									
	Gravita 10 BB Streckengang	B'B' dh	Diesel-hydraulic engine	100 km/h	1000 kW	9,5 kW/t	x	-	-
	Gravita 10 BB-LG Langsamgang	B'B' dh	Diesel-hydraulic engine	50 km/h	1000 kW	9,5 kW/t	x	-	-
	Gravita 15 BB Streckengang	B'B' dh	Diesel-hydraulic engine	100 km/h	1500 kW	13,5 kW/t	x	-	-
	Gravita 15 BB-LG Langsamgang	B'B' dh	Diesel-hydraulic engine	50 km/h	1500 kW	14,3 kW/t	x	-	-
	Gravita 15L BB Streckengang	B'B' dh	Diesel-hydraulic engine	100 km/h	1800 kW	16,6 kW/t	x	-	-
	Maxima 30 CC	C'C' dh	Diesel-hydraulic engine	120 km/h	2750 kW	16,8 kW/t	x	-	-
	Maxima 40 CC	C'C' dh	Diesel-hydraulic engine	120 km/h	3600 kW	21,9 kW/t	x	-	-
<b>Vevey: Vevey Technologies, Villeneuve</b>									
	BDeh4/8	Bo'2'+2'Bo'etr	EMU	70 km/h	1380 kW	15,3 kW/t	x	-	-
<b>WFUE: Waggonfabrik Uerdingen AG</b>									
	VT2	A1 dmtr	DMMMU	90 km/h	147 kW	4,7 kW/t	x	x	x
	VT24.6 zweiteilig	B'2'+2'B' dhtr	DHMMU	120 km/h	662 kW	5,3 kW/t	x	x	-
	VT634 zweiteilig	B'2'+2'B' dhtr	DHMMU	140 km/h	662 kW	5,3 kW/t	x	-	-
	VT3	A1 dmtr	DMMMU	90 km/h	147 kW	4,1 kW/t	x	x	x
	VT98	AA dmtr	DMMMU	90 km/h	222 kW	5,6 kW/t	x	x	x
<b>WU: Waggon Union, Gießen</b>									
	NE81 400 kW, 90 km/h	B'B' dhtr	DHMMU	90 km/h	402 kW	6,4 kW/t	x	-	-
	NE81-2 400 kW, 80 km/h	B'B' dhtr	DHMMU	80 km/h	402 kW	6,4 kW/t	x	-	-
	NE82 500 kW, 100 km/h	B'B' dhtr	DHMMU	100 km/h	500 kW	6,8 kW/t	x	-	-
<b>Wismar: Waggonfabrik Wismar</b>									
	187.02 NWE T3	Bo'Bo' detr	DEMU	60 km/h	346 kW	6,0 kW/t	x	x	x
<b>Witt: RAW Wittenberge</b>									
	187.01 Neubau-Tw.	B'2' trdh	DHMMU	50 km/h	235 kW	12,8 kW/t	x	x	x
<b>X(DB): verschiedene Hersteller für DB (Konsortien)</b>									
	023	1'C1' h2+2'2'T31/8	Superheated steam engine+Tender	110 km/h	1785 kW	14,0 kW/t	-	x	x
	066	1'C2' h2t	Superheated steam engine	100 km/h	1170 kW	7,8 kW/t	-	x	x
	111 Rz.	Bo'Bo' e	Electric engine	160 km/h	3620 kW	40,6 kW/t	x	x	x
	120 .1	Bo'Bo' e	Electric engine	200 km/h	5710 kW	66,6 kW/t	x	-	-
	151	Co'Co' e	Electric engine	120 km/h	6300 kW	48,1 kW/t	x	x	x
	181 ~ 15kV; 16,7Hz	Bo'Bo' e	Electric engine	160 km/h	3320 kW	40,2 kW/t	x	x	x
	420 dreiteilig	Bo'Bo'+Bo'Bo'+Bo'Bo'etr	EMU	120 km/h	3000 kW	18,6 kW/t	x	x	x
	422 vierteilig	Bo'Bo'2'Bo'Bo'etr	EMU	140 km/h	2350 kW	18,4 kW/t	x	-	-
	423 vierteilig	Bo'Bo'2'Bo'Bo'etr	EMU	140 km/h	2350 kW	19,5 kW/t	x	-	-
	424 vierteilig	Bo'Bo'2'Bo'Bo'etr	EMU	140 km/h	2350 kW	18,0 kW/t	x	-	-
	425 vierteilig	Bo'Bo'2'Bo'Bo'etr	EMU	160 km/h	2350 kW	18,0 kW/t	x	-	-
	426 zweiteilig	Bo'2'Bo'etr	EMU	160 km/h	1175 kW	16,4 kW/t	x	-	-
	430 vierteilig	Bo'Bo'2'Bo'Bo'etr	EMU	140 km/h	2350 kW	17,5 kW/t	x	-	-
	472 dreiteilig	Bo'Bo'+Bo'Bo'+Bo'Bo'etr	EMU	100 km/h	1500 kW	11,4 kW/t	x	-	-



	474 dreiteilig	Bo'Bo'+2'2'+Bo'Bo' etr	EMU	100 km/h	920 kW	7,3 kW/t	x	-	-
	610 zweiteilig	2'(A1)'+(1A)'(A1)' detr	DEMU	160 km/h	970 kW	7,5 kW/t	x	-	-
	614 zweiteilig	B'2'+2'B' dhtr	DHMU	140 km/h	734 kW	5,0 kW/t	x	x	x
	614m zweiteilig	B'2'+2'B' dhtr	DHMU	140 km/h	896 kW	6,6 kW/t	x	-	-
	627	B'2' trdh	DHMU	120 km/h	287 kW	5,5 kW/t	x	x	x
	628.0 zweiteilig	2'B'+B'2' trdh	DHMU	120 km/h	426 kW	4,0 kW/t	x	-	-
	628.1 zweiteilig	2'B'+2'2' trdh	DHMU	120 km/h	357 kW	3,4 kW/t	x	-	-
	628.2 zweiteilig	2'B'+2'2' trdh	DHMU	120 km/h	410 kW	4,0 kW/t	x	x	x
	628.4 zweiteilig	2'B'+2'2' trdh	DHMU	120 km/h	485 kW	4,4 kW/t	x	x	x
	628.8 zweiteilig	2'B'+B'2' trdh	DHMU	120 km/h	820 kW	7,8 kW/t	x	-	-
	628.9 zweiteilig	2'B'+B'2' trdh	DHMU	120 km/h	970 kW	8,9 kW/t	x	-	-
	E03	Co'Co' e	Electric engine	200 km/h	6200 kW	47,7 kW/t	x	x	x
	E10	Bo'Bo' e	Electric engine	140 km/h	3700 kW	39,7 kW/t	x	x	x
	E12	Bo'Bo' e	Electric engine	160 km/h	3700 kW	39,7 kW/t	x	-	-
	E40	Bo'Bo' e	Electric engine	110 km/h	3700 kW	39,6 kW/t	x	x	x
	E41	Bo'Bo' e	Electric engine	120 km/h	2400 kW	32,5 kW/t	x	x	x
	E50	Co'Co' e	Electric engine	100 km/h	4500 kW	32,1 kW/t	x	x	x
	ET170	Bo'Bo'+2'2'+Bo'Bo' etr	EMU	100 km/h	1280 kW	8,5 kW/t	x	-	-
	ET171	Bo'Bo'+2'2'+Bo'Bo' etr	EMU	80 km/h	1160 kW	8,4 kW/t	x	-	-
	Köf11	B dh	Diesel-hydraulic engine	45 km/h	170 kW	6,0 kW/t	x	-	-
	Köf12	B dh	Diesel-hydraulic engine	45 km/h	170 kW	4,8 kW/t	x	-	-
	V 60 Streckengang	C dh	Diesel-hydraulic engine	60 km/h	478 kW	6,6 kW/t	x	x	x
	V 60LG Langsamgang	C dh	Diesel-hydraulic engine	30 km/h	478 kW	6,6 kW/t	x	-	-
	V100-1L Langsamgang	B'B' dh	Diesel-hydraulic engine	65 km/h	809 kW	9,4 kW/t	x	-	-
	V100-1S Streckengang	B'B' dh	Diesel-hydraulic engine	100 km/h	809 kW	9,4 kW/t	x	-	-
	V100-2L Langsamgang	B'B' dh	Diesel-hydraulic engine	65 km/h	993 kW	12,1 kW/t	x	-	-
	V100-2S Streckengang	B'B' dh	Diesel-hydraulic engine	100 km/h	993 kW	11,7 kW/t	x	x	x
	V160 Streckengang	B'B' dh	Diesel-hydraulic engine	120 km/h	1397 kW	13,7 kW/t	x	x	x
	V160LG Langsamgang	B'B' dh	Diesel-hydraulic engine	80 km/h	1397 kW	13,7 kW/t	x	-	-
	V162 Streckengang	B'B' dh	Diesel-hydraulic engine	130 km/h	1397 kW	13,2 kW/t	x	-	x
	V162LG Langsamgang	B'B' dh	Diesel-hydraulic engine	80 km/h	1767 kW	17,4 kW/t	x	-	-
	V164 Streckengang	B'B' dh	Diesel-hydraulic engine	140 km/h	1840 kW	15,0 kW/t	x	x	x
	V164.4 160-km/h-Variante	B'B' dh	Diesel-hydraulic engine	160 km/h	1840 kW	15,0 kW/t	x	-	-
	V164LG Langsamgang	B'B' dh	Diesel-hydraulic engine	90 km/h	1840 kW	15,0 kW/t	x	-	-
	V200 .1	B'B' dhm	Diesel-hydraulic engine	140 km/h	2000 kW	18,5 kW/t	x	x	x
<b>X: unbekannter Hersteller</b>									
	101 600 mm	1'C n2t	Saturated steam engine	30 km/h		3,5 kW/t	x	-	-
	642 SZ	Bo'Bo' de	Diesel-electric engine	80 km/h	614 kW	7,2 kW/t	x	-	-
	FB zweiteilig	B'B'+2'2' trdm	DMMU	100 km/h	440 kW	6,1 kW/t	x	-	-
	KLV1 (Baufahrzeug)	B dh	Diesel-hydraulic engine	50 km/h	123 kW	3,8 kW/t	x	-	-
	KLV2 (Baufahrzeug)	B dh	Diesel-hydraulic engine	80 km/h	367 kW	9,2 kW/t	x	-	-
	LB951	1'E h2	Superheated steam engine	75 km/h		8,0 kW/t	x	-	-
	Tw100	Bo'2'2'Bo' etr	EMU	80 km/h	380 kW	7,7 kW/t	x	-	-
<b>ZosV: ŽOS Vrútky, Slovenská republika</b>									
	361.1-25 ~ 25kV, 50Hz	Bo'Bo' e	Electric engine	160 km/h	3200 kW	36,4 kW/t	x	-	-
	361.1-3 =3 kV	Bo'Bo' e	Electric engine	160 km/h	3600 kW	41,0 kW/t	x	-	-
	840	2'Bo'2' detr	DEMU	115 km/h	550 kW	5,6 kW/t	x	-	-
<b>ZosZ: ŽOS Zvolen, Slovenská republika</b>									
	736 rekonstrukce 735	Bo'Bo' de	Diesel-electric engine	100 km/h	990 kW	12,1 kW/t	x	-	-
<b>[DR]: i.A. ehem. Deutsche Reichsbahn / DRB / DRG u. frühere</b>									
	01 (Einh.)	2'C1' h2+2'2'T34/10	Superheated steam engine+Tender	130 km/h	2330 kW	10,1 kW/t	x	x	x
	01R (Reko, Rostf.)	2'C1' h2+2'2'T34/10	Superheated steam engine+Tender	130 km/h		10,4 kW/t	x	x	-
	02U (Umbau 1961)	2'C1' h3+2'2'T34/10	Superheated steam engine+Tender	175 km/h		9,6 kW/t	x	x	-
	03 (Einh.)	2'C1' h2+2'2'T34/10	Superheated steam engine+Tender	130 km/h		8,4 kW/t	x	x	x
	05 (Einh.)	2'C2' h3+2'3'T37/10	Superheated steam engine+Tender	175 km/h		7,4 kW/t	x	x	-
	22R (P10 Reko)	1'D1' h3+2'2'T34/10	Superheated steam engine+Tender	110 km/h		7,9 kW/t	x	x	-
	41R (Reko)	1'D1' h2+2'2'T32/10	Superheated steam engine+Tender	90 km/h		6,8 kW/t	x	x	x
	44R (Reko Rostf.)	1'E h3+2'2'T34/10	Superheated steam engine+Tender	80 km/h	1923 kW	7,4 kW/t	x	x	x
	50 (Einh.)	1'E h2+2'2'T26/8	Superheated steam engine+Tender	80 km/h		7,0 kW/t	x	x	x
	50R (Reko)	1'E h2+2'2'T26/8	Superheated steam engine+Tender	80 km/h		8,4 kW/t	x	x	-
	52K	1'E h2+4T30/8	Superheated steam engine+Tender	80 km/h	1097 kW	6,3 kW/t	x	x	-
	52R (Reko)	1'E h2+2'2'T30/10	Superheated steam engine+Tender	80 km/h		7,8 kW/t	x	x	x
	56U (G8.1 Umbau)	1'D h2+3T16,5/7	Superheated steam engine+Tender	70 km/h		7,6 kW/t	x	x	x
	58R (G12 Reko)	1'E h3	Superheated steam engine	70 km/h		8,1 kW/t	x	x	x
	64 (Einh.)	1'C1' h2t	Superheated steam engine	90 km/h		9,2 kW/t	x	x	x
	65.10 (Neubau)	1'D2' h2t	Superheated steam engine	90 km/h		8,7 kW/t	x	x	x
	86 (Einh.)	1'D1' h2t	Superheated steam engine	80 km/h		9,1 kW/t	x	x	x
	99.51 (IV K Neubau)	B'B' n4vt	Saturated steam engine	30 km/h		5,6 kW/t	x	x	x
	99.64 (VI K Neubau)	E h2t	Superheated steam engine	30 km/h		7,2 kW/t	x	x	x
	99.73 (Einh.)	1'E1' h2t	Superheated steam engine	30 km/h		6,6 kW/t	x	x	x
	99.32	1'D1' h2	Superheated steam engine	50 km/h	300 kW	4,1 kW/t	x	x	-
	99.590 NWE 11..15, 41	B'B' n4vt	Saturated steam engine	30 km/h		4,9 kW/t	x	x	x
	99.600 NWE 21	1'C1' h2t	Superheated steam engine	50 km/h		7,7 kW/t	x	x	x

	99.610 NWE 6/7	C h2t	Superheated steam engine	30 km/h		7,4 kW/t		X	X	X
	E04	1'Co1' e	Electric engine	130 km/h	2190 kW	22,6 kW/t		X	X	-
	E18	1'Do1' e	Electric engine	150 km/h	3040 kW	26,6 kW/t		X	X	-
	E44	Bo'Bo' e	Electric engine	90 km/h	2200 kW	26,8 kW/t		X	X	-
	E94	Co'Co' e	Electric engine	90 km/h	3240 kW	24,1 kW/t		X	X	-
	E95	1'Co+Co1' e	Electric engine	70 km/h	2778 kW	17,0 kW/t		X	X	X
	Köf	B dh	Diesel-hydraulic engine	30 km/h	92 kW	3,1 kW/t		X	X	X
	VT137.32 137 322-325	B'2' dhtr	DHMU	45 km/h	132 kW	3,2 kW/t		X	X	X
	WR360C14	C dh	Diesel-hydraulic engine	60 km/h	265 kW	4,1 kW/t		X	-	-
<b>[bay]: i.A. ehem. Bayerische Staatsbahnen</b>										
	Gt 2x4/4	D'D' h4vt	Superheated steam engine	50 km/h		6,5 kW/t		X	X	X
<b>[pr]: i.A. ehem. Preußische Staatsbahnen</b>										
	G8.2 (Rostf.)	1'D h2+3T20/6	Superheated steam engine+Tender	75 km/h		8,3 kW/t		X	X	X
	G10	E h2+3T16,5/7	Superheated steam engine+Tender	60 km/h		7,0 kW/t		X	X	X
	G12	1'E h3+3T20/6	Superheated steam engine+Tender	65 km/h		8,0 kW/t		X	X	X
	P8	2'C h2+2'2'T21,5/7	Superheated steam engine+Tender	100 km/h		6,0 kW/t		X	X	X
	P10	1'D1' h3+2'2'T31,5/7	Superheated steam engine+Tender	110 km/h		6,8 kW/t		X	X	X
	T3	C n2t	Saturated steam engine	40 km/h	247 kW	5,6 kW/t		X	X	-
	T12	1'C h2t	Superheated steam engine	80 km/h		10,9 kW/t		X	X	X
	T14.1	1'D1' h2t	Superheated steam engine	70 km/h		7,3 kW/t		X	X	X
	T16.1	E h2t	Superheated steam engine	45 km/h		9,7 kW/t		X	X	X
	T18	2'C2' h2t	Superheated steam engine	100 km/h		8,2 kW/t		X	X	X
	T20	1'E1' h2t	Superheated steam engine	65 km/h		9,3 kW/t		X	X	X
<b>pars : PARS nova a.s., Šumperk, Česká republika</b>										
	812 rekonstrukce vozu 810	1A dmtr	DMMU	80 km/h	242 kW	6,3 kW/t		X	-	-
	814	1A+1'1'dmtr	DMMU	80 km/h	242 kW	4,9 kW/t		X	-	-
	814.2 trio	A'1'+1'1'+1'A'dhtr	DHMU	80 km/h	484 kW	4,5 kW/t		X	-	-
	842.5	(1A)'(A1)' dhtr	DHMU	100 km/h	484 kW	6,6 kW/t		X	-	-