

Siemens

Class	Operator	Introduced	Number of units	Cars per unit	Power	Top Speed	Door Configuration	Connection between cars	Car length	End Gangways	Notes
Desiro UK											
Class 185	TransPennine Express	2006	51	3	Diesel-Hydraulic	160 kph (100 mph)	Sliding plug	C	23 m (75 ft 6 in)	No	TPE will retain 29 units only from 2020, remaining 22 sent off-lease replaced by Class 802/2
Class 350/1	London Northwestern Railway	2004	30	4	Dual voltage	180 kph (110 mph)	Sliding plug	C	20 m (65 ft 7 in)	Yes	
Class 350/2	London Northwestern Railway	2008	37	4	AC electric *	160 kph (100 mph)	Sliding plug	C	20 m (65 ft 7 in)	Yes	Due to be sent off-lease by 2020/21 replaced by Class 730
Class 350/3	London Northwestern Railway	2014	10	4	AC electric *	180 kph (110 mph)	Sliding plug	C	20 m (65 ft 7 in)	Yes	
Class 350/4	TransPennine Express	2013	10	4	AC electric *	180 kph (110 mph)	Sliding plug	C	20 m (65 ft 7 in)	Yes	Due to transfer to London Northwestern Railway by 2019/2020
Class 360/1	Greater Anglia	2003	21	4	AC electric	160 kph (100 mph)	Sliding plug	C	20 m (65 ft 7 in)	No	Due to be sent off-lease by 2020/21 replaced by Class 720
Class 360/2	TfL Rail	2003-2005	5	5	AC electric	160 kph (100 mph)	Sliding plug	C	20 m (65 ft 7 in)	No	Operated by TfL Rail temporarily from May 2018. Due to be sent off-lease to be replaced by Class 345
Class 380/0	ScotRail	2009-2010	22	3	AC electric	160 kph (100 mph)	Sliding plug	C	23 m (75 ft 6 in)	Yes	
Class 380/1	ScotRail	2009-2010	16	4	AC electric	160 kph (100 mph)	Sliding plug	C	23 m (75 ft 6 in)	Yes	
Class 444	South Western Railway	2004	45	5	DC electric *	160 kph (100 mph)	Sliding plug	C	23 m (75 ft 6 in)	Yes	
Class 450	South Western Railway	2003	127	4	DC electric *	160 kph (100 mph)	Sliding plug	C	20 m (65 ft 7 in)	Yes	
Desiro City											
Class 700/0	GTR Thameslink	2015-18	60	8	Dual voltage	160 kph (100 mph)	Sliding plug	A	20 m (65 ft 7 in)	No	Replaced Classes 319, 377 and 387/1
Class 700/1	GTR Thameslink	2015-18	55	12	Dual voltage	160 kph (100 mph)	Sliding plug	A	20 m (65 ft 7 in)	No	Replaced Classes 319, 377 and 387/1
Class 707	South Western Railway	2017-18	30	5	DC electric *	160 kph (100 mph)	Sliding plug	A	20 m (65 ft 7 in)	No	Due to be sent off-lease by 2020 replaced by Class 701
Class 717	GTR Great Northern	2018-19	25	6	Dual voltage	160 kph (100 mph)	Sliding plug	A	20 m (65 ft 7 in)	Emergency only	Replacing Class 313/0

* dual voltage AC/DC conversion capable

A - Articulated walk through

C - Conventional corridor connection

DC electric - 750v DC Third Rail

AC electric - 25kV AC Overhead wires

Dual voltage - AC/DC - 25kV AC Overhead wires & 750v DC Third Rail