

Siemens Desiro

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)	High-volume	C	23 m (75 ft 6 in)	No	TPE will retain 29 units only from 2020, remaining 22 sent off-lease
Class 350/1	West Midlands Trains	2004	30	4	AC/DC electric	180 kph (110 mph)	High-volume	C	20 m (65 ft 7 in)	Yes	
Class 350/2	West Midlands Trains	2008	37	4	AC electric *	160 kph (100 mph)	High-volume	C	20 m (65 ft 7 in)	Yes	Due to be sent off-lease by 2020/21
Class 350/3	West Midlands Trains	2014	10	4	AC electric *	180 kph (110 mph)	High-volume	C	20 m (65 ft 7 in)	Yes	
Class 350/4	TransPennine Express	2013	10	4	AC electric *	180 kph (110 mph)	High-volume	C	20 m (65 ft 7 in)	Yes	Due to transfer to West Midlands Trains by 2019/2020
Class 360/1	Greater Anglia	2003	21	4	AC electric	160 kph (100 mph)	High-volume	C	20 m (65 ft 7 in)	No	Due to be sent off-lease by 2020/21
Class 360/2	Heathrow Connect	2003-2005	5	5	AC electric	160 kph (100 mph)	High-volume	C	20 m (65 ft 7 in)	No	Operator will be TFL Rail temporarily from May 2018. Off-lease by end 2018
Class 380/0	ScotRail	2009-2010	22	3	AC electric	160 kph (100 mph)	High-volume	C	23 m (75 ft 6 in)	Yes	
Class 380/1	ScotRail	2009-2010	16	4	AC electric	160 kph (100 mph)	High-volume	C	23 m (75 ft 6 in)	Yes	
Class 444	South Western Railway	2004	45	5	DC electric *	160 kph (100 mph)	Low-volume	C	23 m (75 ft 6 in)	Yes	
Class 450	South Western Railway	2003	127	4	DC electric *	160 kph (100 mph)	High-volume	C	20 m (65 ft 7 in)	Yes	
Desiro City											
Class 700/0	Thameslink	2015-18	60	8	AC/DC electric	160 kph (100 mph)	High-volume	A	20 m (65 ft 7 in)	No	
Class 700/1	Thameslink	2015-18	55	12	AC/DC electric	160 kph (100 mph)	High-volume	A	20 m (65 ft 7 in)	No	
Class 707	South Western Railway	2017-18	30	5	DC electric *	160 kph (100 mph)	High-volume	A	20 m (65 ft 7 in)	No	Due to be sent off-lease by 2020
Class 717	Great Northern	2018-19	25	6	AC/DC electric	160 kph (100 mph)	High-volume	A	20 m (65 ft 7 in)	Emergency only	

* dual voltage AC/DC conversion capable

A - Articulated walk through

C - Conventional corridor connection

DC - Third Rail

AC - Overhead wires

AC/DC - dual voltage