

Axles for special versions

	Rigid axles				Steering axles			
Model	8.04	8.06	8.09	8.11	6.06	6.07	6.08	6.10
Static load capacity (N)	45000	55000	93750	117500	56250	66250	80000	92500
Dynamic load capacity (N)	20000	22000	37500	47000	22500	26500	32000	37000
Peak torque (Nm)	4800	5900	8800	11200	5900	6800	8000	10200
Joint type					double joint	double joint	double joint	double joint
Max. steering angle					40°	40°	40°	40°
Ring gear pitch diameter (mm)	185	220	250	275	220	250	250	275
Differential vertical offset (mm)	28	36	36	36	36	36	36	36
Available axle ratios	from 3.55 up to 6.14	from 3.55 up to 6.14	from 3.55 up to 6.14	from 3.55 up to 6.14	from 3.55 up to 6.14	from 3.55 up to 6.14	from 3.55 up to 6.14	from 3.55 up to 6.14
Differential offset	upon request	upon request	upon request	upon request	upon request	upon request	upon request	upon request
Input flange	SAE/DIN/ISO or SPECIAL	SAE/DIN/ISO or SPECIAL	SAE/DIN/ISO or SPECIAL	SAE/DIN/ISO or SPECIAL	SAE/DIN/ISO or SPECIAL	SAE/DIN/ISO or SPECIAL	SAE/DIN/ISO or SPECIAL	SAE/DIN/ISO or SPECIAL
Wheel flange	upon request	upon request	upon request	upon request	upon request	upon request	upon request	upon request
Flange to flange distance	upon request	upon request	upon request	upon request	upon request	upon request	upon request	upon request
Pads distance	upon request	upon request	upon request	upon request	upon request	upon request	upon request	upon request
Brakes at wheels	drum or disk	drum or disk	drum or disk	drum or disk	disk or drum	disk or drum	disk or drum	disk or drum
Input brake	disk or drum	disk or drum	disk or drum	disk or drum	disk or drum	disk or drum	disk or drum	disk or drum
Differential	open, lim.slip, 100% lock	open, lim.slip, 100% lock	open, lim.slip, 100% lock	open, lim.slip, 100% lock	open, lim.slip, 100% lock	open, lim.slip, 100% lock	open, lim.slip, 100% lock	open, lim.slip, 100% lock
A Differential housing height (mm)	245	260	310	330	260	310	310	330
B Differential housing width (mm)	380	380	440	480	380	440	440	480
C Input flange distance (without brake) (mm)	250	281	300	326	281	300	300	326
D Rear end from center line (mm)	111	125	139	158	121	139	139	158
E Tube diameter (mm)	76.1	76.1	88.9	101.6	76.1	88.9	88.9	101.6

