

Axles with reduction unit

One speed reduction unit

Two speed reduction unit

Model	8.04C	8.06C	8.09C	8.11C	8.04C	8.06C	8.09C	8.11C
Static load capacity (N)	45000	80000	93750	117500	45000	80000	93750	117500
Dynamic load capacity (N)	20000	32000	37500	47000	20000	32000	37500	47000
Peak torque (Nm)	4800	5900	8800	11200	4800	5900	8800	11200
Ring gear pitch diameter (mm)	185	220	250	275	185	220	250	275
Differential vertical offset (mm)	28	36	36	36	28	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
Gearbox ratios	1.80/1	1.80/1	1.80/1	1.80/1	low speed 4.12/1 high speed 1/1	low speed 4.12/1 high speed 1/1	low speed 4.12/1 high speed 1/1	low speed 4.12/1 high speed 1/1
Differential offset	upon request	upon request	upon request	upon request	upon request	upon request	upon request	upon request
Input flange	SAE/DIN/ISO or hydraulic motor	SAE/DIN/ISO or hydraulic motor	SAE/DIN/ISO or hydraulic motor	SAE/DIN/ISO or hydraulic motor	SAE/DIN/ISO	SAE/DIN/ISO	SAE/DIN/ISO	SAE/DIN/ISO
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
Spring 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	drum or disk	drum or disk	drum or disk	drum or disk
Input brake	disk or drum or multidisk	disk or drum or multidisk	disk or drum or multidisk	disk or drum or multidisk	disk or drum or multidisk	disk or drum or multidisk	disk or drum or multidisk	disk or drum or multidisk
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)	356	356	362	373	333	333	354	365
B Differential housing width (mm)	380	410	440	488	380	410	440	488
C1 Input flange distance (without brake) (mm)	302	379	382	408	385	462	465	491
C2 Hydraulic motor flange distance (without brake) (mm)	285	362	365	391				
D Rear end from center line (mm)	111	125	139	158	111	125	139	150
E Tube diameter (mm)	76.1	101.6	101.6	101.6	76.1	101.6	101.6	101.6

