

# Portal axles

## Rigid axles      Steering axles

Model	8.10P	6.08P
Static load capacity (N)	80000	52500
Dynamic load capacity (N)	32000	21000
Peak torque (Nm)	10000	8000
Joint type		double joint
Max. steering angle		40°
Ring gear pitch diameter (mm)	220	220
Differential vertical offset (mm)	36	36
Portal offset (mm)	27.25	27.25
Ratio at wheels	1.77	1.77
Total available ratios	from 6.30 up to 10.40	from 6.30 up to 10.40
Differential offset	upon request	upon request
Input flange	SAE/DIN/ISO	SAE/DIN/ISO
Wheel flange	P.C.D. 205 n.6 M18 x 1.5	P.C.D. 205 n.6 M18 x 1.5
Wheel centering	160 H8	160 H8
Flange to flange distance	upon request	upon request
Spring pads distance	upon request	upon request
Brakes	drum	disk
Differential	open, lim.slip, 100% lock	open, lim.slip, 100% lock
<b>A</b> Differential housing height (mm)	260	260
<b>B</b> Differential housing width (mm)	410	380
<b>C</b> Input flange distance (mm)	281	281
<b>D</b> Rear end from center line (mm)	125	121
<b>E</b> Tube diameter (mm)	101.6	76.1

