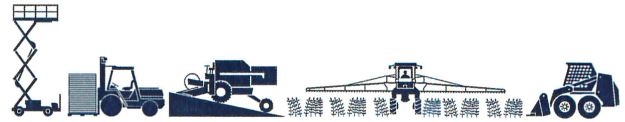


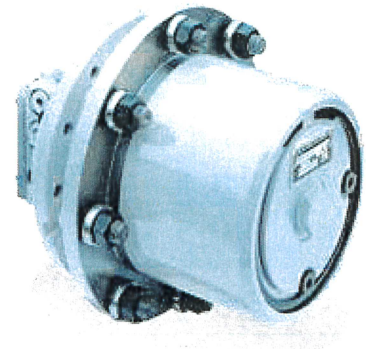
# 600 series Wheel drives



**Benefit from the experience of the leading manufacturer.**

Whether you are designing a wheeled agriculture or construction equipment, the 600 series will offer you the right choice for your vehicle.

A disengagement device to tow the vehicle in an emergency is optionally available.



**Torque Range**

3000 ... 85000 Nm

**Gear Ratios**

4.3 ... 153

**Key Features**

- Rotating housing flange with studs
- to fit wheels and drums
- Rugged design
- High torque capacity
- High load capacity
- Mechanical lifetime seals
- Compact design
- Optional mechanical gear disengagement on request

**Applicable motors**

- Cartridge axial piston hydraulic motors
- Flanged axial piston hydraulic motors
- Hydraulic orbit motors
- DC electric motors

**Brake**

- Hydraulically released parking brake on request

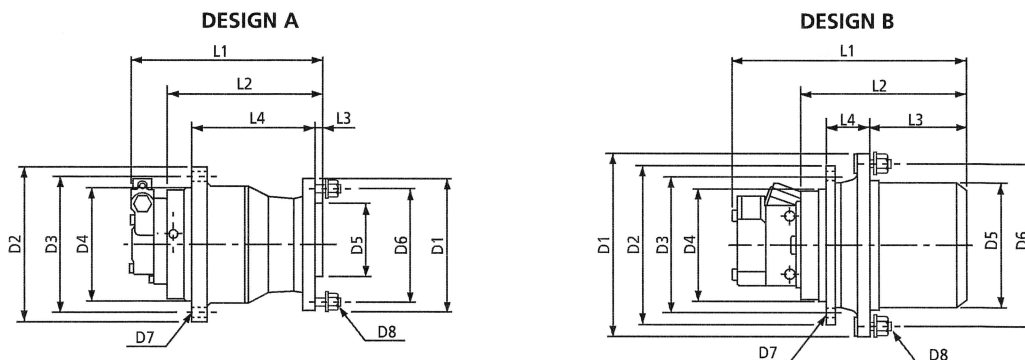
Type	Torque (Nm)
601 R1L	3000
603 W2..H	5000
603 W2V B	7000
605 W2V..	10000
606 W..V	17000
607 W..V	22000
609 W..V	30000
610 W..V	36000
610 X	40000
611 W..V	45000
613 W..V	60000
615 W..V	85000



# Overall dimensions and technical data

TYPE	RANGE OF RATIOS	MAX. INPUT SPEED	HYDRAULIC MOTOR DRIVE <sup>(1)</sup>	BRAKING TORQUE	MIN. OPENING PRESSURE	WEIGHT	DESIGN
	1:			Nm	bar	kg	
601 R1	4.26 - 5.77	1000	LS	450 - 600	15 - 20	35	A
603 W2V H	19.5 - 40.5	4000	HS	170 - 250	15 - 20	45	B
603 W2L H	14 - 40.5	4000	HS	170 - 250	15 - 20	45	A
603 W2V B	21.6 - 53	4000	HS	170 - 250	15 - 20	45	B
605 W2 H	22.2 - 53	3500	HS	220 - 310	15 - 20	65	B
605 W2 B	22.2 - 53	3500	HS	220 - 300	15 - 20	65	B
606 W2	19.7 - 43.8	3500	HS	400 - 500	15 - 20	110	B
606 W3	68 - 128.6	3500	HS	300 - 350	15 - 20	120	B
607 W..V	55-120	3000	HS	300 - 600	15 - 20	140	B
609 W..V	55-147	3000	HS	300 - 600	15 - 20	170	B
610 W..V	55-123	3000	HS	300 - 800	15 - 20	200	B
610 X2	22.5-51.4	3000	HS	800 - 1200	15 - 20	200	B
611 W..V	41-47	3000	HS	300 - 800	15 - 20	250	B
613 W..V	108	3000	HS	300 - 800	15 - 20	250	B
615 W..V	108	3000	HS	300 - 1000	15 - 20	350	B

(1) LS = Low speed motor / HS = High speed motor



TYPE	D1	D2	D3	D4	D5	D6	D7	D8	L1	L2	L3	L4
601 R1L	230	260	230	200 h8	152,4	203,2	Ø15 n°8	M14x1.5 n°8	Depend on motor type	245	10	195
603 W2V H	280	270	230	190 f7	200 h8	241,3	M16x2 n°8	M18x1.5 n°9		236	128	72
603 W2L H	237	270	230	190 f7	160	205	M16x2 n°8	M18x1.5 n°6		249.5	25	175
603 W2V B	275	240	210	178 h8	200 h8	241,3	M16x2 n°9	M16x1.5 n°9		249	108	106
605 W2 H	300	270	230	190 f7	220 h8	260	M16x2 n°8	M16x1.5 n°8		240	154	72
605 W2 B	310	260	230	190 f7	220 h8	275	M16x2 n°12	M20x1.5 n°8		218	136	72
606 W2	370	330	300	270 h8	280 h8	335	M16x2 n°18	M22x1.5 n°10		270	155	115
606 W3	370	330	300	270 h8	280 h8	335	M16x2 n°18	M22x1.5 n°10		315	200	115
607 W..V	400	317	285	240	300	355	M20x2.5 n°20	M18x1.5 n°20		335	233	82
609 W..V	435	375	340	300	350	400	M20x2.5 n°16	M22x1.5 n°16		350	243	91
610 W..V	435	375	340	300	350	400	M20x2.5 n°16	M22x1.5 n°16		350	243	91
610 X2	440	410	370	330	360	400	M20x2.5 n°20	M20x2.5 n°16		383	268	90
611 W..V	490	425	325	290	410	455	M20x2.5 n°24	M20x1.5 n°24		375	242	110
613 W..V	490	425	325	280	410	455	M20x2.5 n°24	3/4-16 UNF n°24		405	275	110
615 W..V	550	500	460	420	460	510	M20x2.5 n°24	M20x1.5 n°24	470	320	130	