

# WSG-08 • Options and accessories

with calipier disk brake



WITTUR Electric  
Drives GmbH



## General data

Project: .....

Name: ..... e-Mail: .....

## Motor options

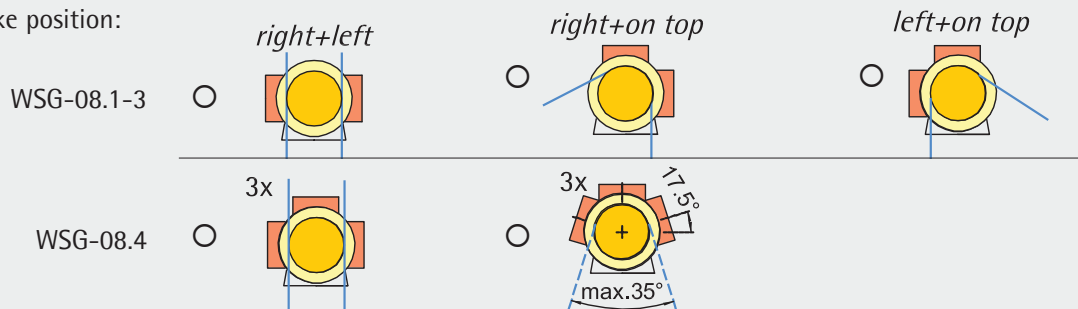
Overall length: ☐ WSG-08.1 (460 Nm)  
☐ WSG-08.2 (590 Nm)  
☐ WSG-08.3 (740 Nm)  
☐ WSG-08.4 (1100 Nm)

suspension: ☐ 2:1 ☐ 1:1  
traction sheave: ☐ 340 mm ☐ 400 mm



Rated speed: ☐ 0,63 m/s ☐ 1,0 m/s ☐ 1,25 m/s ☐ 1,6 m/s  
☐ 1,75 m/s ☐ 2,0 m/s ☐ 2,5 m/s  
only for 1:1 ☐ 3,0 m/s ☐ 4,0 m/s ☐ 5,0 m/s

brake position:



Painting ☐ Standard (RAL 5018) ☐ .....

Encoder system ☐ ECN 1313 - **EnDat** ☐ ECN 1313 - **SSI** ☐ ERN 1387

Arkel ADrive  
CT unidrive SP  
Emotron DSV 5445  
Fuji Frenic  
GEFRAN (SIEI) AVY-L-M  
KEB F5  
KW Goliath-90  
RST FRC  
Schneider Altivar 71  
Vacon NXP  
Yaskawa/Omron L7  
Ziehl-Abegg 2SY/3BF

Arkel ADrive  
CT unidrive SP  
Emotron DSV 5445  
LTi (Lust) CDD 3000  
Ziehl-Abegg 2SY/3BF

Flender-Loher L05  
GEFRAN (SIEI) AVY-L-M  
KEB F4/F5

☐ Electronic Nameplate (ENP) for  
CT unidrive SP and ECN 1313 (EnDat)

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## Traction sheave

$D_T = 400 \text{ mm}$					$D_T = 340 \text{ mm}$	
<input type="radio"/> $B_T = 60 \text{ mm}$	<input type="radio"/> $B_T = 70 \text{ mm}$	<input type="radio"/> $B_T = 82 \text{ mm}$	<input type="radio"/> $B_T = 90 \text{ mm}$	<input type="radio"/> $B_T = 124 \text{ mm}$	<input type="radio"/> $B_T = 70 \text{ mm}$	<input type="radio"/> $B_T = 95 \text{ mm}$

<p><i>semicircular groove with undercut</i></p>	<p>number of grooves  <math>z =</math>          groove distance  <math>a =</math>          rope diameter  <math>d_s =</math>          groove radius  <math>R =</math>          undercut angle  <math>\beta =</math>          wedge angle  <math>\gamma =</math></p>
<p><i>V-groove, hardened</i></p>	<p>number of grooves  <math>z =</math>          groove distance  <math>a =</math>          rope diameter  <math>d_s =</math>          wedge angle  <math>\gamma =</math></p>
<p><i>V-groove with undercut</i></p>	<p>number of grooves  <math>z =</math>          groove distance  <math>a =</math>          rope diameter  <math>d_s =</math>          undercut width  <math>b =</math>          wedge angle  <math>\gamma =</math></p>
<input type="radio"/> another type	

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## Accessories

### BRAKE MANUAL RELEASE

☐ without

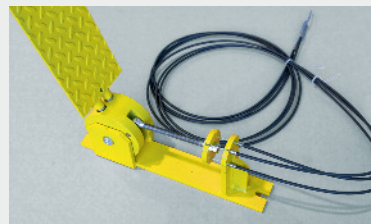
**WSG-08.1/2/3**  
☐ hand operated (lever support  
HBB 505 666; 2 x 3 m Bowden  
cable 35 76 000 1000 included)

**WSG-08.4**  
☐ hand operated (lever support  
HBB 505 045; 3 x 3 m Bowden  
cable 35 76 000 1000 included)



☐ foot operated (lever support  
HBB 505 045 900; 2 x 3 m Bowden  
cable 35 76 000 1000 included)

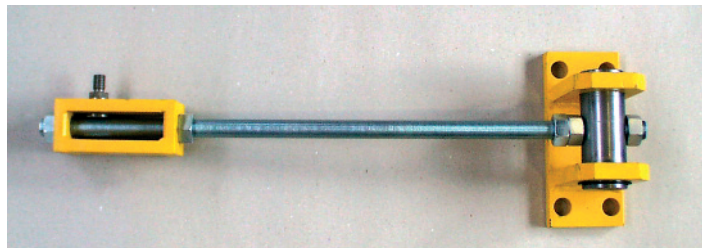
☐ foot operated (lever support  
HBB 505 045 900; 3 x 3 m Bowden  
cable 35 76 000 1000 included)



### RETURN MOTION DEVICE

☐ without

☐ with



### MOTOR CABLE SET

☐ without

☐ with

Cable length ☐ 5 m

☐ 7 m

☐ 10 m

☐ 15 m

☐ 20 m

☐ 30 m

508 606- AB1-xx

with

A=2 ... cable cross section 4x2,5 mm<sup>2</sup> (for I<sub>S3-40%</sub> < 35 A)

A=4 ... cable cross section 4x4,0 mm<sup>2</sup> (for I<sub>S3-40%</sub> < 47 A)

A=6 ... cable cross section 4x6,0 mm<sup>2</sup> (for I<sub>S3-40%</sub> < 62 A)

B=2 ... WSG-08.1-3 (2 brakes)

B=3 ... WSG-08.4 (3 brakes)


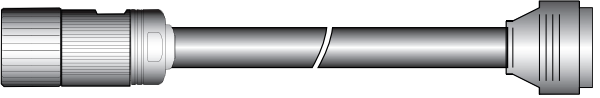
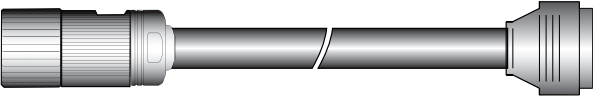
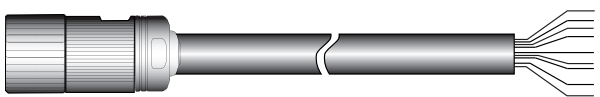

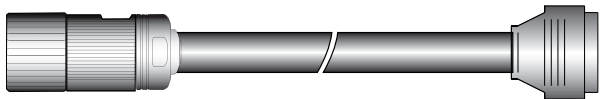


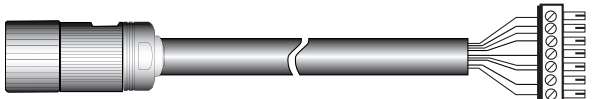



xx..cable length [m]



**MEASUREMENT CABLE**

○ without    ○ with

Cable length ○ 5 m  
○ 7 m  
○ 10 m  
○ 15 m  
○ 20 m

Measurement cable type	Inverter type	recom. encoder system	recommended measurement system cable
○ 	Arkel ADrive CT unidrive SP	ECN 1313 (EnDat or SSI)	502 452 021 xx
○ 	emotron/ Dietz DSV 5445	ECN 1313 (EnDat or SSI)	501 112 022 xx
○ 	Flender/ Loher L05	ERN 1387	507 874 022 xx
○ 	Fuji Frenic	ECN 1313 (EnDat)	502 679 022 xx
○ 	KEB F5	ECN 1313 (EnDat)	502 363 022 xx
○ 	LTi DRiVes Lust CDD 3000	ECN 1313 (SSI)	505 677 022 xx
○ 	RST Elektronik FRC	ECN 1313 (EnDat)	508 752 022 xx
○ 	GEFRAN (SIEL) AVY-L-M	ERN 1387	502 599 022 xx
○ 	Vacon NXP	ECN 1313 (EnDat)	503 289 021 xx
○ 	Yaskawa/ Omron L7	ECN 1313 (EnDat)	503 715 022 xx
○ 	Telemecanique/ Schneider Altivar 71		
○ 	Ziehl-Abegg 2SY/3BF	ECN 1313 (EnDat or SSI)	508 749 022 xx

xx... cable length [m]

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