

WSG-08 • Options and accessories

with twin shoe 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)

suspension:	<input type="radio"/> 2:1	<input type="radio"/> 1:1
traction sheave:	<input type="radio"/> 340 mm	<input type="radio"/> 400 mm



Rated speed:	<input type="radio"/> 0,63 m/s	<input type="radio"/> 1,0 m/s	<input type="radio"/> 1,25 m/s	<input type="radio"/> 1,6 m/s
	<input type="radio"/> 1,75 m/s	<input type="radio"/> 2,0 m/s	<input type="radio"/> 2,5 m/s	
only for 1:1	<input type="radio"/> 3,0 m/s	<input type="radio"/> 4,0 m/s	<input type="radio"/> 5,0 m/s	

Painting ☐ Standard (RAL 5018) ☐ _____

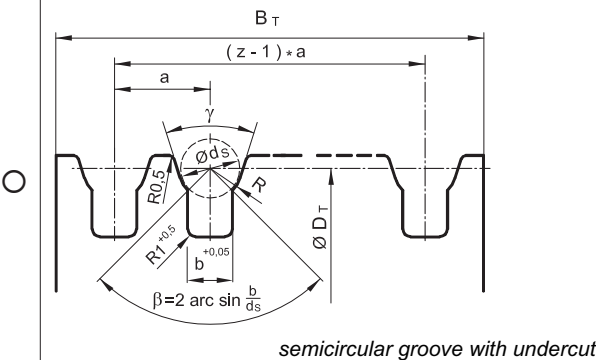
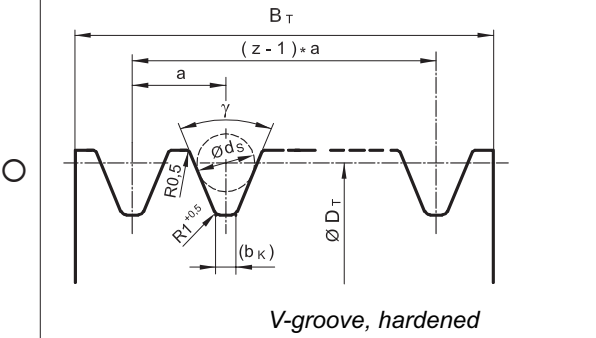
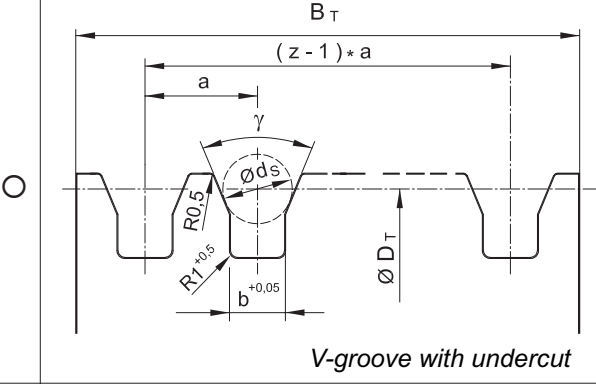
Encoder system	<input type="radio"/> ECN 1313 - EnDat	<input type="radio"/> ECN 1313 - SSI	<input type="radio"/> ERN 1387
	Arkel ADrive CT unidrive SP Emotron DSV 5445 Fuji Frenic GEFRA (SIEI) AVY-L-M KEB F5 KW Goliath-90 RST FRC Schneider Altivar 71 Vacon NXP Yaskawa/Omron L7 Ziehl-Abegg 2SY/3BF	Arkel ADrive CT unidrive SP Emotron DSV 5445 LTi (Lust) CDD 3000 Ziehl-Abegg 2SY/3BF	Flender-Loher L05 GEFRA (SIEI) AVY-L-M KEB F4/F5

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

WSG-08b_options_e / 22.06.2011



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"/> $B_T = 70 \text{ mm}$	<input type="radio"/> $B_T = 95 \text{ mm}$
 <p style="text-align: center;"><i>semicircular groove with undercut</i></p>				<p>number of grooves $z =$</p> <p>groove distance $a =$</p> <p>rope diameter $d_s =$</p> <p>groove radius $R =$</p> <p>undercut angle $\beta =$</p> <p>wedge angle $\gamma =$</p>	
 <p style="text-align: center;"><i>V-groove, hardened</i></p>				<p>number of grooves $z =$</p> <p>groove distance $a =$</p> <p>rope diameter $d_s =$</p> <p>wedge angle $\gamma =$</p>	
 <p style="text-align: center;"><i>V-groove with undercut</i></p>				<p>number of grooves $z =$</p> <p>groove distance $a =$</p> <p>rope diameter $d_s =$</p> <p>undercut width $b =$</p> <p>wedge angle $\gamma =$</p>	
<input type="radio"/> another type					

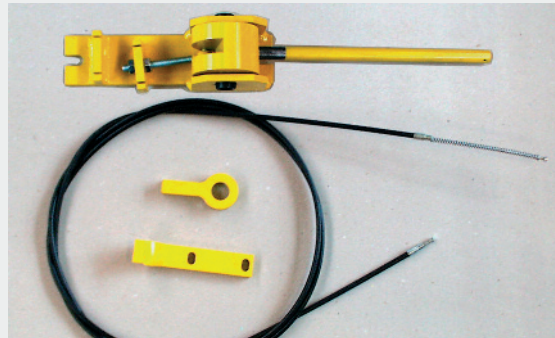
Accessories

BRAKE MANUAL RELEASE

☐ without

☐ with

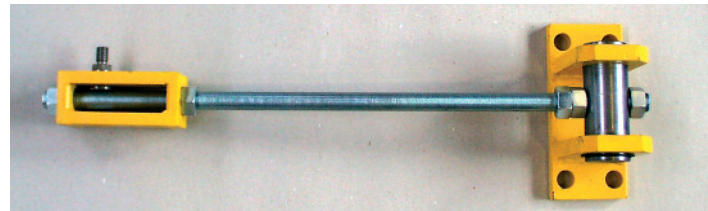
(Release lever set 503 468; lever support 508 754;
3 m Bowden cable 505 656-2 included)



RETURN MOTION DEVICE

☐ without

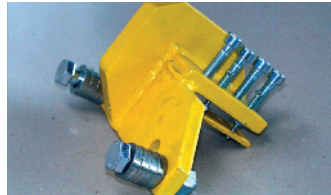
☐ with



ROPE CLAMP

☐ without

☐ with



MOTOR CABLE SET

☐ without

☐ with

Cable length ☐ 5 m

☐ 7 m

☐ 10 m

☐ 15 m

☐ 20 m

☐ 30 m

505 230- A21-xx

with

A=2 ... cable cross section 4x2,5 mm² (for I_{S3-40%} < 35 A)

A=4 ... cable cross section 4x4,0 mm² (for I_{S3-40%} < 47 A)


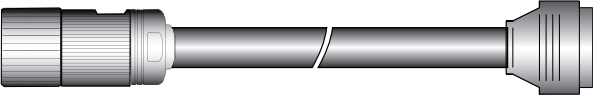
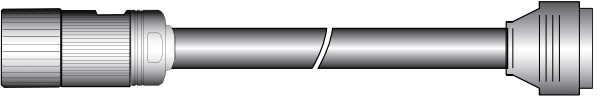
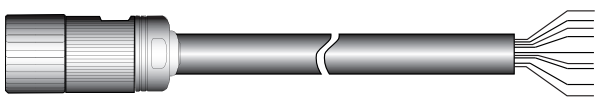

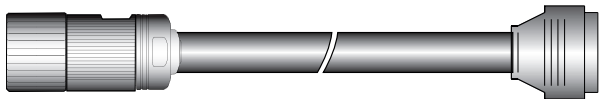


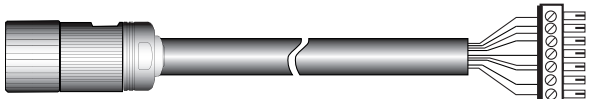



xx..cable length [m]



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	ECN 1313 (EnDat)	503 715 022 xx
○ 	Ziethl-Abegg 2SY/3BF	ECN 1313 (EnDat or SSI)	508 749 022 xx

xx... cable length [m]

WSG-08b_options_e / 22.06.2011