

12. CE



Lukas Hydraulik GmbH
Weinstraße 39,
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Deutschland



Dinglee, LUKAS, Hurst, Vetter

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de	EG-Konformitätserklärung e3-Gerät	Artikelnummer	Hiermit erklären wir, dass die bezeichneten Geräte in der von uns gelieferten Ausführung den aufgeführten Bestimmungen und den sie umsetzenden nationalen Rechtsvorschriften entsprechen. Die notifizierte Stelle Telefication B.V mit der Nummer 0560 hat ein Konformitätsbewertungsverfahren gemäß Anhang III der RED-Richtlinie durchgeführt und die folgende EU-Baumusterprüfbescheinigung ausgestellt:
en	EC Declaration of Conformity e3 device	Item number	We hereby declare that the described devices in the version supplied by us conform to the specified conditions and the implementing national regulations. The notified body, Telefication B.V with number 0560, has carried out a conformity assessment procedure pursuant to annex III of the RED Directive, and issued the following EC type examination certificate:
fr	Déclaration CE de conformité Appareil e3	Réf. Article	Nous déclarons par la présente que les appareils décrits dans la version livrée sont conformes aux dispositions mentionnées et aux législations nationales qui les mettent en œuvre. L'organisme notifié Telefication B.V., portant le numéro 0560, a effectué une procédure d'évaluation de la conformité conformément à l'annexe III de la directive RED et a délivré l'attestation d'examen UE de type suivante :
es	Declaración de conformidad CE Equipo e3	Número del artículo	Con la presente declaramos que los equipos mencionados cumplen, en la versión por nosotros suministrada, las disposiciones señaladas y las normativas legales aplicables. El organismo notificado Telefication B.V. con el número 0560, ha llevado a cabo un procedimiento de evaluación de la conformidad según el anexo III de la Directiva RED y ha expedido la siguiente certificación de examen CE de tipo:
pt	Declaração de conformidade CE Dispositivo e3	Artigo n.º	Pela presente declaramos que os equipamentos indicados no modelo por nós fornecido cumprem as normas e os regulamentos legais nacionais que os implementam. O organismo notificado Telefication B.V com o número 0560 executou um processo de avaliação de conformidade segundo o Anexo III da Diretiva RED e emitiu o certificado de exame UE de tipo seguinte:
it	Dichiarazione di conformità CE Apparecchio e3	Codice articolo	Con la presente dichiariamo che le apparecchiature designate, nella configurazione da noi fornita, sono conformi alle disposizioni riportate e alle norme attuative nazionali. L'organismo notificato Telefication B.V con il numero 0560 ha effettuato una procedura di valutazione di conformità ai sensi dell'Appendice II della Direttiva RED, ed ha emesso il seguente attestato di certificazione UE:
nl	EU-conformiteitsverklaring e3-apparaat	Artikelnummer	Hierbij verklaren wij dat de aangeduide apparaten in de door ons geleverde uitvoering in overeenstemming zijn met de vermelde bepalingen en de nationale wettelijke bepalingen ter implementatie daarvan. De aangemelde instantie Telefication B.V met nummer 0560 heeft een conformiteitsbeoordelingsprocedure conform Bijlage III van de RED-richtlijn uitgevoerd en de volgende EG-typekeuringsverklaring opgesteld:
da	EF-overensstemmelseserklæring e3-redskab	Varenummer	Vi erklærer hermed, at de betegnede produkter i den af os leverede udførelse er i overensstemmelse med de anførte bestemmelser og disses implementering i national lovgivning. Det bemyndigede organ Telefication B.V med nummer 0560 har gennemført en overensstemmelsesvurderingsprocedure iht. bilag III til RED-direktivet og udstedt følgende EU-typeprøvningsattest:
sv	EG-försäkran om överensstämmelse e3-redskap	Artikelnummer	Härmed försäkrar vi att de angivna redskapen i det av oss levererade tillståndet uppfyller angivna föreskrifter och de harmoniserade nationella föreskrifterna. Det anmälda organet Telefication B.V. med nummer 0560 har utfört en bedömning av överensstämmelse i enlighet med bilaga III till radiotrustningsdirektivet och utfärdat följande EU-typintyg:
fi	EY-vaatimustenmukaisuusvakuutus e3-laite	Tuotenumero	Vakuutamme, että kuvattu laitteet toimittamamme versioina vastaavat luettuja määräyksiä ja niiden voimaansaattamiseksi annettuja kansallisia säännöksiä. Ilmoitettu laitos Telefication B.V. jonka numero on 0560, on suorittanut vaatimustenmukaisuuden arvioimismenettelyn RED-direktiivin liitteen III mukaisesti ja laatinut seuraavan EU-tyyppitarkastusodistuksen.
el	Δήλωση συμμόρφωσης EK Συσκευή e3	Κωδικός είδους	Δια του παρόντος δηλώνουμε, ότι οι αναφερόμενες συσκευές πληρούν στην παραδοθείσα από εμάς έκδοση της προβλεπόμενης προδιαγραφής και ανταποκρίνονται στην εθνική νομοθεσία. Ο κοινοποιημένος οργανισμός Telefication B.V με τον αριθμό 0560 έχει εκτελέσει διαδικασία αξιολόγησης συμμόρφωσης σύμφωνα με το παράρτημα III της οδηγίας RED και εξέδωσε την παρακάτω βεβαίωση εξέτασης τύπου ΕΕ:
pl	Deklaracja zgodności WE Urządzenie e3	Numer artykułu	Niniejszym deklarujemy, że wymienione urządzenia w dostarczonej przez nas wersji spełniają wymienione regulacje oraz wdrażające je krajowe przepisy prawne. Jednostka notyfikowana Telefication B.V. o numerze 0560 przeprowadziła procedurę oceny zgodności wg Załącznika III Dyrektywy o urządzeniach radiowych i sporządziła następujące świadectwo badania typu UE:
cs	Prohlášení o shodě ES Přístroj e3	Číslo artiklu	Tímto prohlašujeme, že označené přístroje v naší dodávaném provedení vyhovují uvedeným ustanovením a národním právním předpisům, kterými se tato ustanovení provádějí. Notifikovaná osoba Telefication B.V s číslem 0560 provedla proces posouzení shody podle přílohy III směrnice RED a vydala následující EU certifikát o typové zkoušce:
sk	ES vyhlásenie o zhode Pristroj e3	Číslo výrobu	Týmto vyhlasujeme, že popísané zariadenia v nami dodanom vyhotovení vyhovujú uvedeným nariadeniam aplikovaným vnútroštátnymi právnymi predpismi. Notifikovaná osoba Telefication B.V s číslom 0560 vykonala postup posudzovania zhody podľa prílohy III k smernici RED a vydala toto osvedčenie o typovej skúške EÚ:
hu	EK-megfelelősségi nyilatkozat e3-készülék	Cikkszám	Ezennel kijelentjük, hogy a megnevezett készülékek az általunk szállított kivitelben megfelelnek a felsorolt rendelkezéseknek és az azokat megvalósító nemzeti jog előírásainak. A 0560-as számú Telefication B.V bejelentett szervezet a RED-irányelv III. melléklete szerinti megfelelésgértékelési eljárást hajtott végre, és a következő EU-típusvizsgálati tanúsítványt adta ki:

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ro Declarație de conformitate CE		Declarăm prin prezenta că aparatele menționate, în varianta livrată de noi, respectă reglementările specificate și prevederile legale naționale în care sunt transpuse.		
Aparat e3	Număr articol	Organismul notificat Telefication B.V. cu numărul 0560 a efectuat o procedură de evaluare a conformității în conformitate cu anexa III la Directiva RED și a eliberat următorul certificat de examinare UE de tip:		
bg EO декларация за съответствие		С настоящото декларираме, че посочените устройства във версията, предоставена от нас, отговарят на избраните разпоредби и на приложимото национално законодателство.		
Устройство e3	Артикулен номер	Нотифицираният орган Telefication B.V. с номер 0560 е изпълнил процедура за оценка на съответствието съгласно Приложение III на Директивата RED и е издал следния EC сертификат за изследване на типа:		
sl Izjava o skladnosti ES		Izjavljamo, da označene naprave v izvedbah, ki jih dajemo v promet, izpolnjujejo navedena določila in veljavne nacionalne zakonske predpise.		
Naprava e3	Številka artikla	Priглаšeni organ Telefication B.V. s številko 0560 je opravil postopek ugotavljanja skladnosti skladno s Prilogo III Direktive RED in izdal naslednje potrdilo o preizkusu konstrukcijskega vzorca za EU:		
hr Izjava o sukladnosti za EZ-u		Izjavljujemo da su navedeni uređaji u verziji koju dostavljamo u skladu s navedenim propisima i nacionalnim propisima koji se primjenjuju.		
Uređaj e3	Broj stavke	Prijavljeno tijelo Telefication B.V. s brojem 0560 provelo je postupak ocjenjivanja sukladnosti u skladu s Prilogom III Direktive za radijsku opremu (RED) i izdalo je sljedeću EU potvrdu o tipskom ispitivanju:		
et EÜ vastavusdeklaratsioon e3-seade		Käesolevaga deklareerime, et meie testusega nimetatud seadmed vastavad loetletud määrustele ja nende siseriiklikult kohandatud õigusnormidele.		
Artikli number		Teavitatud asutus Telefication B.V. numbriga 0560 on läbi viinud vastavushindamismenetlust vastavalt taastuvenergia direktiivi III lisale ja väljastanud järgmise EL-i tüübihindamistõendi:		
lv EK atbilstības deklarācija e3 ierīce		Ar šo paziņojam, ka minētās ierīces mūsu piegādātajā komplektācijā atbilst uzskaitītajiem noteikumiem un tiem atbilstošajiem nacionālajiem tiesību aktiem.		
Preces numurs		Pārbaudot iestāde "Telefication B.V." ar numuru 0560 saskaņā ar Radioiekārtu (RED) Direktīvas III pielikumu ir veikusi atbilstības novērtējumu un izsniegusi šādu ES tipa pārbaudes sertifikātu:		
lt EB atitikties deklaracija e3 prietaisais		Šiuo deklaruojame, kad nurodyti, mūsų pristatytos modifikacijos įtaisai atitinka nurodytas nuostatas ir jas įgyvendinančius nacionalinius teisės aktus.		
Prekės kodas		Notifikuotjijs įstaiga „Telefication B.V.“, kurios numeris 0560, atliko atitikties vertinimo procedūrą pagal RED direktyvos III priedą ir išdavė šį ES tipo tyrimo sertifikatą:		
ga Dearbhú Comhréireachta AE		Dearbhaímid leis seo go gcloinn na gléasanna a dtagtar tuairisc orthu san thormáid ina soláthraímid tad leis na coinníollacha sonraíthe agus na rialacháin náisiúnta cur chun feidhme.		
Gléas e3	Uimhir an earra	Rinne Telefication B.V., comhiacht faoina dtugtar fógra lena ngabhadh uimhir comhiachta faoina dtugtar fógra 0560, nós imeachta um measúnú comhréireachta i gcomhréir le hIarscríbhinn III den Treoir maidir le Trealamh Raidió agus d'eisigh sé an deimhníu ar chineáiscrúdú AE seo a leanas:		
mt Dikjarazzjoni ta' Konformità tal-KE		B'dan id-dokument aħna niddikjaraw li l-verżjoni kkonsonjata tal-tagħmir indikat tikkonforma mad-dispożizzjonijiet elenkati u mar-regolamenti nazzjonali li jimplimentawhom.		
Tagħmir e3	Numru tal-oġġett	Il-korp notifikat Telefication B.V. bin-numru 0560 wettaq proċedura ta' valutazzjoni tal-konformità skont l-Anness III tad-Direttiva RED u hareġ id-ċertifikat tal-eżami tat-tip tal-ta-UE hawn taħt:		
S 378 e3 Connect	92-25-24	212140207/AA/02	2006/42/EG	EN ISO 12100 : 2010
S 789 e3 Connect	92-25-44			EN 13204: 2016
S 799 e3 Connect	92-25-43		2014/53/EU	EN 62841-1 : 2015 + AC : 2015
SC 258 e3 Connect	92-35-14			EN 301 489-1 V2.2.3
SC 358 e3 Connect	92-35-23			EN 301 489-17 V3.2.4
SC 758 e3 Connect	92-35-35			EN 301 489-19 V2.1.1
SP 333 e3 Connect	92-15-13			EN 61000-6-1 (2019)
SP 555 e3 Connect	92-15-23			EN 61000-6-3 (2019)
SP 775 e3 Connect	92-15-33			EN 300 328 V2.2.2
SP 777 e3 Connect	92-15-31			EN 303 413 V1.1.1
SP 778 e3 Connect	92-15-32			EN 62311 (2020)
R 320 e3 Connect	92-45-10	212140770/AA/03	2011/65/EU	EN IEC 63000: 2018
R 520 e3 Connect	92-45-11			
R 521 e3 Connect	92-45-12			
R 522 e3 Connect	92-45-13			
CR 522 e3 Connect	92-45-14			
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de UK-Konformitätserklärung
e3-Gerät

Artikelnummer

Hiermit erklären wir, dass die bezeichneten Geräte in der von uns gelieferten Ausführung den aufgeführten Bestimmungen und den sie umsetzenden nationalen Rechtsvorschriften entsprechen. Die UK notifizierte Stelle Kiwa Ltd. mit der Nummer 0558 hat ein Konformitätsbewertungsverfahren gemäß Schedule 3 der Radio Equipment Regulation 2017 durchgeführt und die folgende UK-Baumusterprüfbescheinigung ausgestellt:

en UK Declaration of Conformity
e3 device

Item number

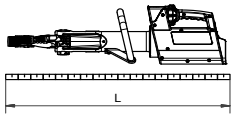
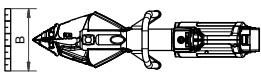
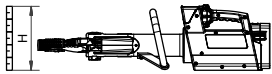
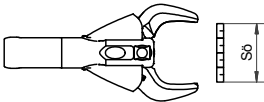
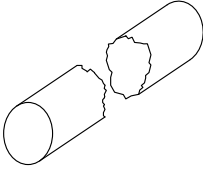
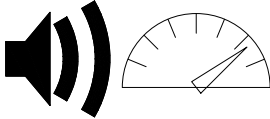
We hereby declare that the described devices in the version supplied by us conform to the specified conditions and the implementing national regulations.

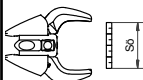
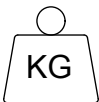
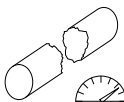
The UK notified body, Kiwa Ltd. with number 0558, has carried out a conformity assessment procedure pursuant to Schedule 3 of the Radio Equipment Regulation 2017, and issued the following UK type examination certificate:

S 378 e3 Connect	92-25-24	222340177/AA/01	Supply of Machinery (Safety) Regulations 2008
S 789 e3 Connect	92-25-44		BS EN ISO 12100: 2010-12-31
S 799 e3 Connect	92-25-43		BS EN 13204: 2016-09-30
SC 258 e3 Connect	92-35-14		Radio Equipment Regulations 2017
SC 358 e3 Connect	92-35-23		EN 62841-1 : 2015 + AC : 2015
SC 758 e3 Connect	92-35-35		EN 301 489-1 V2.2.3
SP 333 e3 Connect	92-15-13		EN 301 489-17 V3.2.4
SP 555 e3 Connect	92-15-23		EN 301 489-19 V2.1.1
SP 775 e3 Connect	92-15-33	EN 61000-6-1 (2019)	
SP 777 e3 Connect	92-15-31	EN 61000-6-3 (2019)	
SP 778 e3 Connect	92-15-32		EN 300 328 V2.2.2
R 320 e3 Connect	92-45-10	222340179/AA/01	EN 303 413 V1.1.1
R 520 e3 Connect	92-45-11		EN 62311 (2020)
R 521 e3 Connect	92-45-12		
R 522 e3 Connect	92-45-13		
CR 522 e3 Connect	92-45-14		
			The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012
			EN IEC 63000: 2018
			LUKAS Hydraulik GmbH Weinstraße 39, 91058 Erlangen Deutschland
		LUKAS Hydraulik GmbH, 91058 Erlangen, Germany Erlangen, 24.11.2023	

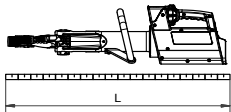
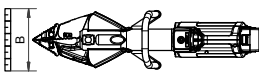
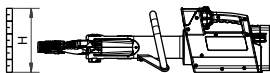
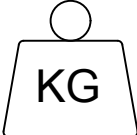
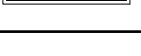
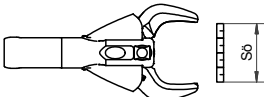
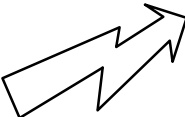
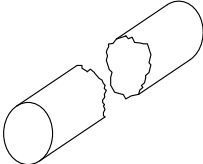
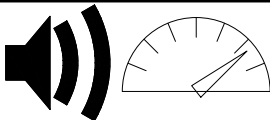
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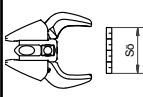
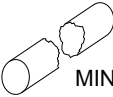
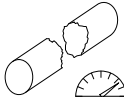
S 378 e3 Connect

	[mm] / [in.]	846 / 33.3
	[mm] / [in.]	235 / 9.25
	[mm] / [in.]	253 / 9.96
	[kg] / [lbs.]	17,8 / 39.2
	[kg] 5 Ah 	19 / 41.9
	[kg] 9 Ah 	19,4 / 42.8
	[mm] / [in.]	202 / 7.99
	EN [mm] / [in.]	172 / 6.77
	U [V DC]	25,2
	I [A]	45
	IP	58
	[mm] / [in.]	Ø 33 / 1.3
	EN 13204	I
	NFPA 1936	A7/B8/C7/D8/E8/F4
	TB [°C]	-20... +55
	TB [°F]	-4... +131
	TL [°C]	-30... +60
	TL [°F]	-22... +140
	EN [dB(A)]	79
	NFPA [dB(A)]	77

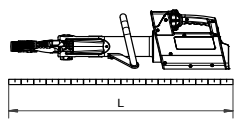
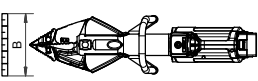
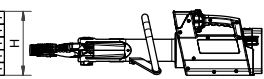
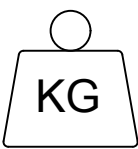
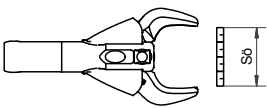
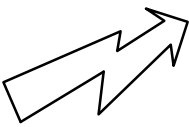
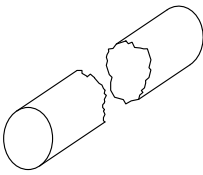
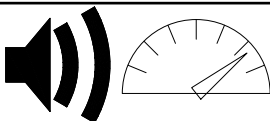
			Lukas Hydraulik GmbH S 378 e3 Connect		
		 MIN	 KG		
					1I-2J-3K-4J-5J
					
A	≥ 14	30 x 5	21,3 x 2,3		
B	≥ 16	40 x 5	26,4 x 2,3		
C	≥ 18	50 x 5	33,7 x 2,6	35 x 3	
D	≥ 20	60 x 5	42,6 x 2,6	40 x 4	50 x 25 x 2,5
E	≥ 22	80 x 8	48,3 x 2,9	45 x 4	50 x 30 x 3,0
F	≥ 24	80 x 10	60,3 x 2,9	50 x 4	60 x 40 x 3,0
G	≥ 26	100 x 10	76,1 x 3,2	55 x 4	80 x 40 x 3,0
H	≥ 28	110 x 10	76,1 x 4,0	60 x 4	80 x 40 x 4,0
I	≥ 32	120 x 10	88,9 x 4,0	60 x 5	80 x 40 x 5,0
J	≥ 36	130 x 10	88,9 x 5,0	70 x 4	100 x 50 x 4,0
K	≥ 40	140 x 10	101,6 x 4,0	70 x 5	100 x 50 x 5,0
	[mm]	[mm]	[mm]	[mm]	[mm]

S 789 e3 Connect

	[mm] / [in.]	907 / 35.7
	[mm] / [in.]	266 / 10.5
	[mm] / [in.]	253 / 9.96
	[kg] / [lbs.]	21,9 / 48.3
	[kg] 5 Ah 	23,1 / 50.9
	[kg] 9 Ah 	23,5 / 51.8
	[mm] / [in.]	205 / 8.06
	EN [mm] / [in.]	205 / 8.06
	U [V DC]	25,2
	I [A]	43
	IP	58
	[mm] / [in.]	Ø 42 / 1.65
	EN 13204	K
	NFPA 1936	A8/B9/C8/D9/E9/F5
	TB [°C]	-20... +55
	TB [°F]	-4... +131
	TL [°C]	-30... +60
	TL [°F]	-22... +140
	EN [dB(A)]	79
	NFPA [dB(A)]	75

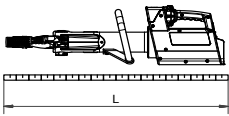
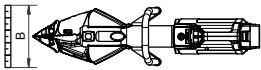
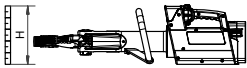
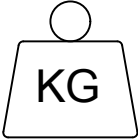
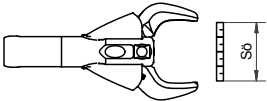
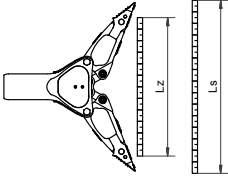
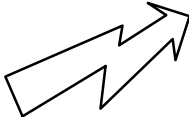
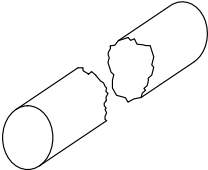
			Lukas Hydraulik GmbH S 789 e3 Connect		
					
					1K-2K-3K-4K-5K
					
A	≥ 14	30 x 5	21,3 x 2,3		
B	≥ 16	40 x 5	26,4 x 2,3		
C	≥ 18	50 x 5	33,7 x 2,6	35 x 3	
D	≥ 20	60 x 5	42,6 x 2,6	40 x 4	50 x 25 x 2,5
E	≥ 22	80 x 8	48,3 x 2,9	45 x 4	50 x 30 x 3,0
F	≥ 24	80 x 10	60,3 x 2,9	50 x 4	60 x 40 x 3,0
G	≥ 26	100 x 10	76,1 x 3,2	55 x 4	80 x 40 x 3,0
H	≥ 28	110 x 10	76,1 x 4,0	60 x 4	80 x 40 x 4,0
I	≥ 32	120 x 10	88,9 x 4,0	60 x 5	80 x 40 x 5,0
J	≥ 36	130 x 10	88,9 x 5,0	70 x 4	100 x 50 x 4,0
K	≥ 40	140 x 10	101,6 x 4,0	70 x 5	100 x 50 x 5,0
	[mm]	[mm]	[mm]	[mm]	[mm]

S 799 e3 Connect

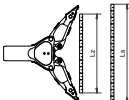
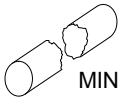
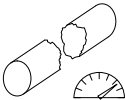
	[mm] / [in.]	930 / 36.6
	[mm] / [in.]	265 / 10.4
	[mm] / [in.]	253 / 9.96
	[kg] / [lbs.]	24,2 / 53.3
	[kg] 5 Ah 	25,4 / 56
	[kg] 9 Ah	25,8 / 56.9
	[mm] / [in.]	204 / 8.03
	EN [mm] / [in.]	200 / 7.87
	U [V DC]	25,2
	I [A]	45
	IP	58
	[mm] / [in.]	Ø 45 / 1.77
	EN 13204	K
	NFPA 1936	A9/B9/C9/D9/E9/F5
	TB [°C]	-20... +55
	TB [°F]	-4... +131
	TL [°C]	-30... +60
	TL [°F]	-22... +140
	EN [dB(A)]	79
	NFPA [dB(A)]	76

Lukas Hydraulik GmbH S 799 e3 Connect					
					1K-2K-3K-4K-5K
A	≥ 14	30 x 5	21,3 x 2,3		
B	≥ 16	40 x 5	26,4 x 2,3		
C	≥ 18	50 x 5	33,7 x 2,6	35 x 3	
D	≥ 20	60 x 5	42,6 x 2,6	40 x 4	50 x 25 x 2,5
E	≥ 22	80 x 8	48,3 x 2,9	45 x 4	50 x 30 x 3,0
F	≥ 24	80 x 10	60,3 x 2,9	50 x 4	60 x 40 x 3,0
G	≥ 26	100 x 10	76,1 x 3,2	55 x 4	80 x 40 x 3,0
H	≥ 28	110 x 10	76,1 x 4,0	60 x 4	80 x 40 x 4,0
I	≥ 32	120 x 10	88,9 x 4,0	60 x 5	80 x 40 x 5,0
J	≥ 36	130 x 10	88,9 x 5,0	70 x 4	100 x 50 x 4,0
K	≥ 40	140 x 10	101,6 x 4,0	70 x 5	100 x 50 x 5,0
	[mm]	[mm]	[mm]	[mm]	[mm]

SC 258 e3 Connect

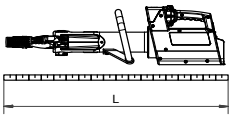
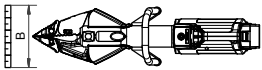
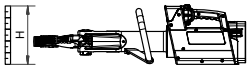
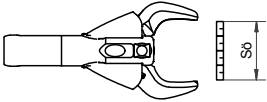
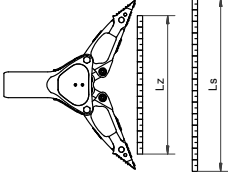
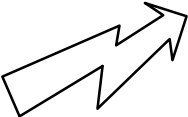
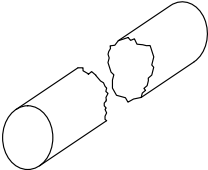
	[mm] / [in.]	792 / 31.2
	[mm] / [in.]	210 / 8.27
	[mm] / [in.]	253 / 9.96
	[kg] / [lbs.]	14,1 / 31.1
	[kg] 5 Ah	15,3 / 33.7
	[kg] 9 Ah 	15,7 / 34.6
	[mm] / [in.]	233 / 9.2
	[kN] / [lbf.]	280 / 63000
	Ls [mm] / [in.]	321 / 12.6
	HSF - LSF [kN] / [lbf.]	29 / 6500 - 24 / 5400
	min. Fs [kN] / [lbf.]	32 / 7200
	max. Fs [kN] / [lbf.]	700 / 157000
	Lz [mm] / [in.]	333 / 13.1
	HPF - LPF [kN] / [lbf.]	37 / 8320 - 28 / 6300
	max. Fz [kN] / [lbf.]	37 / 8320
	U [V DC]	25,2
	I [A]	40
	IP	58
	[mm] / [in.]	Ø 26 / 1.02
	EN 13204	F
	NFPA 1936	A6/B6/C6/D7/E7/F4

	TB [°C]	-20... +55
	TB [°F]	-4... +131
	TL [°C]	-30... +60
	TL [°F]	-22... +140
	EN [dB(A)]	78
	NFPA [dB(A)]	72

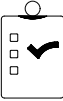
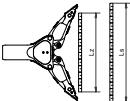
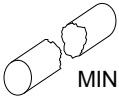
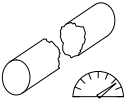
			Lukas Hydraulik GmbH SC 258 e3 Connect		
					
					1G-2F-3F-4F-5F
					
A	≥ 14	30 x 5	21,3 x 2,3		
B	≥ 16	40 x 5	26,4 x 2,3		
C	≥ 18	50 x 5	33,7 x 2,6	35 x 3	
D	≥ 20	60 x 5	42,6 x 2,6	40 x 4	50 x 25 x 2,5
E	≥ 22	80 x 8	48,3 x 2,9	45 x 4	50 x 30 x 3,0
F	≥ 24	80 x 10	60,3 x 2,9	50 x 4	60 x 40 x 3,0
G	≥ 26	100 x 10	76,1 x 3,2	55 x 4	80 x 40 x 3,0
H	≥ 28	110 x 10	76,1 x 4,0	60 x 4	80 x 40 x 4,0
I	≥ 32	120 x 10	88,9 x 4,0	60 x 5	80 x 40 x 5,0
J	≥ 36	130 x 10	88,9 x 5,0	70 x 4	100 x 50 x 4,0
K	≥ 40	140 x 10	101,6 x 4,0	70 x 5	100 x 50 x 5,0
	[mm]	[mm]	[mm]	[mm]	[mm]

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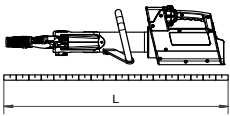
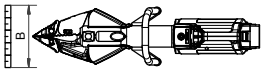
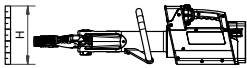
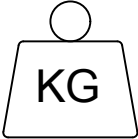
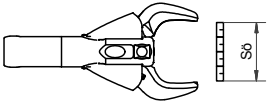
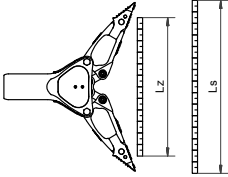
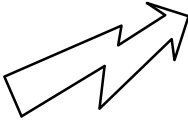
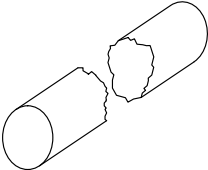
SC 358 e3 Connect

	[mm] / [in.]	876 / 34.5
	[mm] / [in.]	235 / 9.25
	[mm] / [in.]	253 / 9.96
	[kg] / [lbs.]	17,7 / 39
	[kg] 5 Ah 	18,9 / 41.7
	[kg] 9 Ah	19,3 / 42.5
	[mm] / [in.]	309 / 12.2
	[kN] / [lbf.]	492 / 110600
	Ls [mm] / [in.]	368 / 14.5
	HSF - LSF [kN] / [lbf.]	43 / 9667 - 33 / 7419
	min. Fs [kN] / [lbf.]	38 / 8543
	max. Fs [kN] / [lbf.]	1500 / 337230
	Lz [mm] / [in.]	382 / 15
	HPF - LPF [kN] / [lbf.]	62 / 13940 - 43 / 9667
	max. Fz [kN] / [lbf.]	61 / 13714
	U [V DC]	25,2
	I [A]	40
	IP	58
	[mm] / [in.]	Ø 35 / 1.38
	EN 13204	I
	NFPA 1936	A7/B8/C7/D8/E7/F4

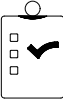
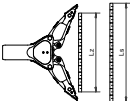
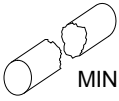
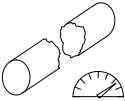
	TB [°C]	-20... +55
	TB [°F]	-4... +131
	TL [°C]	-30... +60
	TL [°F]	-22... +140
	EN [dB(A)]	79
	NFPA [dB(A)]	77

Lukas Hydraulik GmbH SC 358 e3 Connect					
					1I-2J-3I-4J-5J
					
A	≥ 14	30 x 5	21,3 x 2,3		
B	≥ 16	40 x 5	26,4 x 2,3		
C	≥ 18	50 x 5	33,7 x 2,6	35 x 3	
D	≥ 20	60 x 5	42,6 x 2,6	40 x 4	50 x 25 x 2,5
E	≥ 22	80 x 8	48,3 x 2,9	45 x 4	50 x 30 x 3,0
F	≥ 24	80 x 10	60,3 x 2,9	50 x 4	60 x 40 x 3,0
G	≥ 26	100 x 10	76,1 x 3,2	55 x 4	80 x 40 x 3,0
H	≥ 28	110 x 10	76,1 x 4,0	60 x 4	80 x 40 x 4,0
I	≥ 32	120 x 10	88,9 x 4,0	60 x 5	80 x 40 x 5,0
J	≥ 36	130 x 10	88,9 x 5,0	70 x 4	100 x 50 x 4,0
K	≥ 40	140 x 10	101,6 x 4,0	70 x 5	100 x 50 x 5,0
	[mm]	[mm]	[mm]	[mm]	[mm]

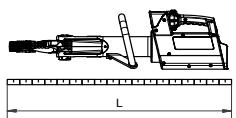
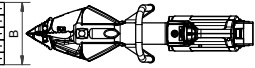
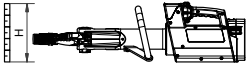
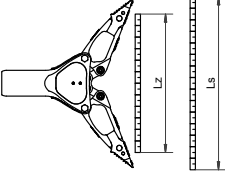
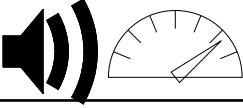
SC 758 e3 Connect

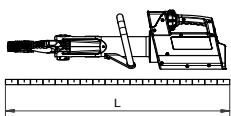
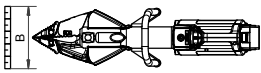
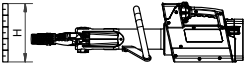
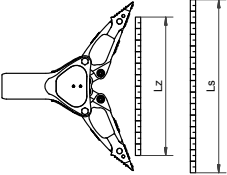
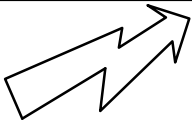
	[mm] / [in.]	980 / 38.6
	[mm] / [in.]	266 / 10.5
	[mm] / [in.]	253 / 9.96
	[kg] / [lbs.]	23,5 / 51.8
	[kg] 5 Ah	24,7 / 54.5
	[kg] 9 Ah 	25,1 / 55.3
	[mm] / [in.]	400 / 15.7
	[kN] / [lbf.]	885 / 198955
	Ls [mm] / [in.]	475 / 18.7
	HSF - LSF [kN] / [lbf.]	49 / 11016 - 38 / 8543
	min. Fs [kN] / [lbf.]	52 / 11691
	max. Fs [kN] / [lbf.]	1500 / 337213
	Lz [mm] / [in.]	340 / 13.4
	HPF - LPF [kN] / [lbf.]	69 / 15512 - 52 / 11690
	max. Fz [kN] / [lbf.]	94 / 21132
	U [V DC]	25,2
	I [A]	45
	IP	58
	[mm] / [in.]	Ø 40 / 1.58
	EN 13204	J
	NFPA 1936	A8/B9/C9/D9/E9/F5

	TB [°C]	-20... +55
	TB [°F]	-4... +131
	TL [°C]	-30... +60
	TL [°F]	-22... +140
	EN [dB(A)]	79
	NFPA [dB(A)]	78

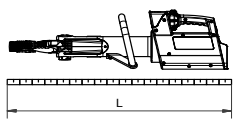
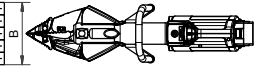
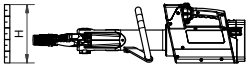
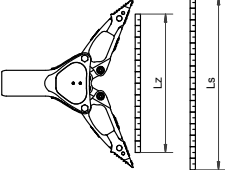
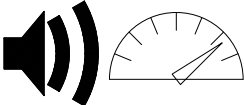
Lukas Hydraulik GmbH SC 758 e3 Connect					
					
				1J-2K-3K-4K-5K	
					
A	≥ 14	30 x 5	21,3 x 2,3		
B	≥ 16	40 x 5	26,4 x 2,3		
C	≥ 18	50 x 5	33,7 x 2,6	35 x 3	
D	≥ 20	60 x 5	42,6 x 2,6	40 x 4	50 x 25 x 2,5
E	≥ 22	80 x 8	48,3 x 2,9	45 x 4	50 x 30 x 3,0
F	≥ 24	80 x 10	60,3 x 2,9	50 x 4	60 x 40 x 3,0
G	≥ 26	100 x 10	76,1 x 3,2	55 x 4	80 x 40 x 3,0
H	≥ 28	110 x 10	76,1 x 4,0	60 x 4	80 x 40 x 4,0
I	≥ 32	120 x 10	88,9 x 4,0	60 x 5	80 x 40 x 5,0
J	≥ 36	130 x 10	88,9 x 5,0	70 x 4	100 x 50 x 4,0
K	≥ 40	140 x 10	101,6 x 4,0	70 x 5	100 x 50 x 5,0
	[mm]	[mm]	[mm]	[mm]	[mm]

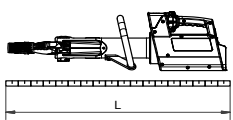
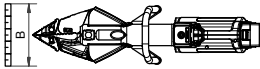
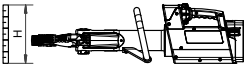
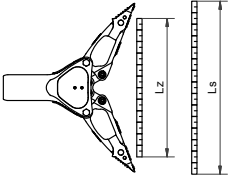
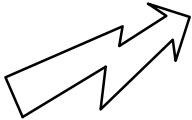
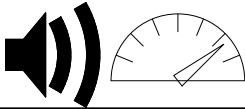
SP 333 e3 Connect

	[mm] / [in.]	823 / 32.4
	[mm] / [in.]	256 / 10.1
	[mm] / [in.]	253 / 9.96
	[kg] / [lbs.]	16,6 / 36.6
	[kg] 5 Ah 	17,8 / 39.3
	[kg] 9 Ah	18,2 / 40.1
	Ls [mm] / [in.]	600 / 23.6
	HSF-LSF [kN] / [lbf.]	63 / 14162 - 39 / 8768
	min. Fs [kN] / [lbf.]	42 / 9442
	max. Fs [kN] / [lbf.]	836 *) / 187940 *)
	Lz [mm] / [in.]	440 / 17.3
	HPF-LPF [kN] / [lbf.]	43 / 9667 - 23 / 5171
	max. Fz [kN] / [lbf.]	56 / 12589
	U [V DC]	25,2
	I [A]	39
	IP	58
	TB [°C]	-20... +55
	TB [°F]	-4... +131
	TL [°C]	-30... +60
	TL [°F]	-22... +140
	EN [dB(A)]	77
	NFPA [dB(A)]	77

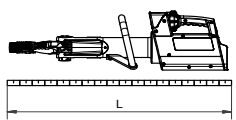
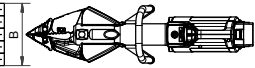
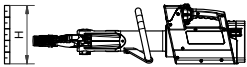
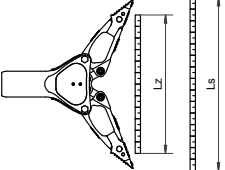
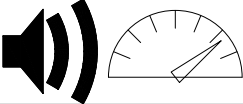
	[mm] / [in.]	923 / 36.3
	[mm] / [in.]	265 / 10.4
	[mm] / [in.]	253 / 9.96
	[kg] / [lbs.]	19,3 / 42.5
	[kg] 5 Ah 	20,5 / 45.2
	[kg] 9 Ah 	20,9 / 46.1
	Ls [mm] / [in.]	730 / 28.7
	HSF-LSF [kN] / [lbf.]	72 / 16186 - 49 / 11016
	min. Fs [kN] / [lbf.]	52 / 11690
	max. Fs [kN] / [lbf.]	658 *) / 147924 *)
	Lz [mm] / [in.]	569 / 22.4
	HPF-LPF [kN] / [lbf.]	46 / 10341 - 28 / 6295
	max. Fz [kN] / [lbf.]	58 / 13039
	U [V DC]	25,2
	I [A]	45
	IP	58
	TB [°C]	-20... +55
	TB [°F]	-4... +131
	TL [°C]	-30... +60
	TL [°F]	-22... +140
	EN [dB(A)]	79
	NFPA [dB(A)]	78

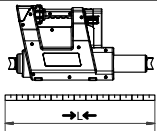
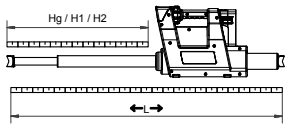
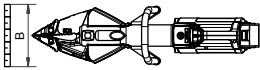
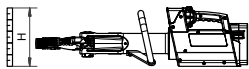
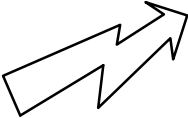
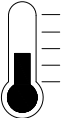
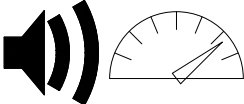
SP 775 e3 Connect

	[mm] / [in.]	958 / 37.7
	[mm] / [in.]	269 / 10.6
	[mm] / [in.]	253 / 9.96
	[kg] / [lbs.]	19,8 / 43.6
	[kg] 5 Ah 	21 / 46.3
	[kg] 9 Ah	21,4 / 47.2
	Ls [mm] / [in.]	800 / 31.5
	HSF-LSF [kN] / [lbf.]	73 / 16411 - 47 / 10566
	min. Fs [kN] / [lbf.]	51 / 11465
	max. Fs [kN] / [lbf.]	695 *) / 156242 *)
	Lz [mm] / [in.]	637 / 25.1
	HPF-LPF [kN] / [lbf.]	49 / 11016 - 26 / 5845
	max. Fz [kN] / [lbf.]	61 / 13713
	U [V DC]	25,2
	I [A]	45
	IP	58
	TB [°C]	-20... +55
	TB [°F]	-4... +131
	TL [°C]	-30... +60
	TL [°F]	-22... +140
	EN [dB(A)]	78
	NFPA [dB(A)]	78

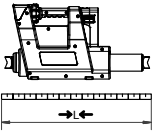
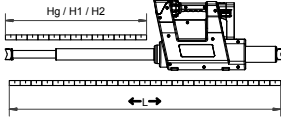
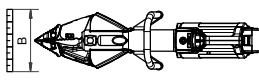
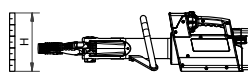
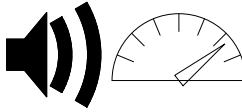
	[mm] / [in.]	997 / 39.3
	[mm] / [in.]	309 / 12.2
	[mm] / [in.]	253 / 9.96
	[kg] / [lbs.]	22,8 / 50.3
	[kg] 5 Ah 	24 / 52.9
	[kg] 9 Ah 	24,4 / 53.8
	Ls [mm] / [in.]	813 / 32.0
	HSF-LSF [kN] / [lbf.]	85 / 19110 - 59 / 13260
	min. Fs [kN] / [lbf.]	63 / 14160
	max. Fs [kN] / [lbf.]	600 *) / 134900 *)
	Lz [mm] / [in.]	655 / 25.8
	HPF-LPF [kN] / [lbf.]	49 / 11016 - 30 / 6744
	max. Fz [kN] / [lbf.]	60 / 13490
	U [V DC]	25,2
	I [A]	45
	IP	58
	TB [°C]	-20... +55
	TB [°F]	-4... +131
	TL [°C]	-30... +60
	TL [°F]	-22... +140
	EN [dB(A)]	78
	NFPA [dB(A)]	78

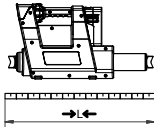
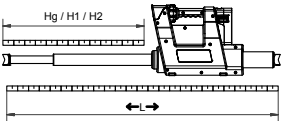
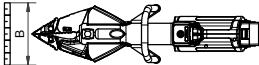
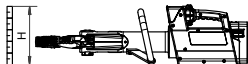
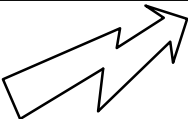
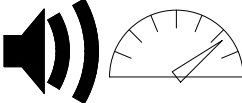
SP 778 e3 Connect

	[mm] / [in.]	1106 / 43.6
	[mm] / [in.]	309 / 12.1
	[mm] / [in.]	253 / 9.96
	[kg] / [lbs.]	24,3 / 53.6
	[kg] 5 Ah 	25,5 / 56.2
	[kg] 9 Ah	25,9 / 57.1
	Ls [mm] / [in.]	1018 / 40.1
	HSF-LSF [kN] / [lbf.]	45 / 10120 - 72 / 16190
	min. Fs [kN] / [lbf.]	47 / 10570
	max. Fs [kN] / [lbf.]	500 *) / 112400 *)
	Lz [mm] / [in.]	898 / 35.3
	HPF-LPF [kN] / [lbf.]	42 / 9442 - 23 / 5171
	max. Fz [kN] / [lbf.]	50 / 11240
	U [V DC]	25,2
	I [A]	43
	IP	58
	TB [°C]	-20... +55
	TB [°F]	-4... +131
	TL [°C]	-30... +60
	TL [°F]	-22... +140
	EN [dB(A)]	79
	NFPA [dB(A)]	78

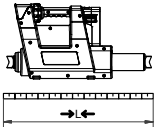
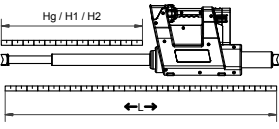
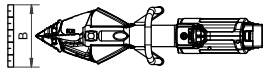
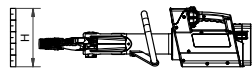
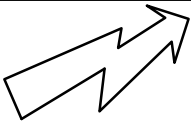
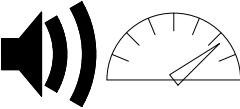
	→L← [mm] / [in.]	340 / 13.4
	←L→ [mm] / [in.]	640 / 25.2
	Hg [mm] / [in.]	300 / 11.8
	H1 [mm] / [in.]	164 / 6.5
	H2 [mm] / [in.]	136 / 5.3
	HSF1 [kN] / [lbf.]	127 / 28600
	HSF2 [kN] / [lbf.]	60 / 13500
	[mm] / [in.]	200 / 7.9
	[mm] / [in.]	326 / 12.8
	[kg] / [lbs.]	12,5 / 27.6
	[kg] 5 Ah	13,7 / 30.2
	[kg] 9 Ah 	14,1 / 31.1
	U [V DC]	25,2
	I [A]	39
	IP	58
	TB [°C]	-20... +55
	TB [°F]	-4... +131
	TL [°C]	-30... +60
	TL [°F]	-22... +140
	EN [dB(A)]	77
	NFPA [dB(A)]	71

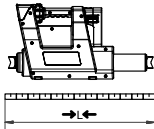
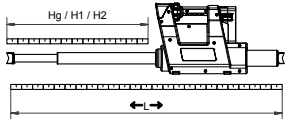
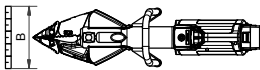
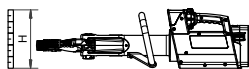
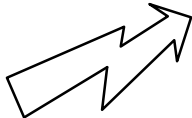
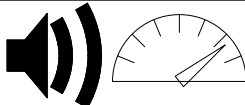
R 520 e3 Connect

	→L← [mm] / [in.]	502 / 19.8
	←L→ [mm] / [in.]	1126 / 44.3
	Hg [mm] / [in.]	624 / 24.6
	H1 [mm] / [in.]	325 / 12.8
	H2 [mm] / [in.]	299 / 11.8
	HSF1 [kN] / [lbf.]	127 / 28600
	HSF2 [kN] / [lbf.]	60 / 13500
	[mm] / [in.]	140 / 5.51
	[mm] / [in.]	327 / 12.9
	[kg] / [lbs.]	16,6 / 36.6
	[kg] 5 Ah	17,8 / 39.2
	[kg] 9 Ah 	18,2 / 40.1
	U [V DC]	25,2
	I [A]	43
	IP	58
	TB [°C]	-20... +55
	TB [°F]	-4... +131
	TL [°C]	-30... +60
	TL [°F]	-22... +140
	EN [dB(A)]	79
	NFPA [dB(A)]	74

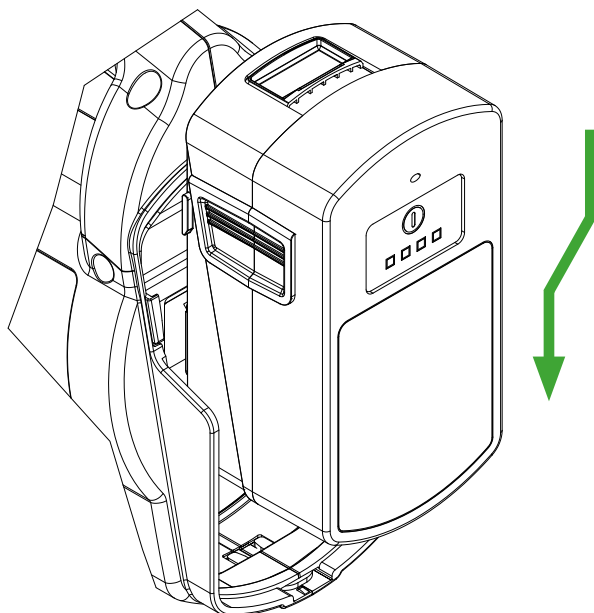
	→L← [mm] / [in.]	579 / 22.8
	←L→ [mm] / [in.]	1359 / 53.5
	Hg [mm] / [in.]	780 / 30.7
	H1 [mm] / [in.]	403 / 15.6
	H2 [mm] / [in.]	377 / 14.8
	HSF1 [kN] / [lbf.]	127 / 28600
	HSF2 [kN] / [lbf.]	60 / 13500
	[mm] / [in.]	140 / 5.51
	[mm] / [in.]	327 / 12.9
	[kg] / [lbs.]	18,2 / 40.1
	[kg] 5 Ah	19,4 / 42.8
	[kg] 9 Ah 	19,8 / 43.7
	U [V DC]	25,2
	I [A]	45
	IP	58
	TB [°C]	-20... +55
	TB [°F]	-4... +131
	TL [°C]	-30... +60
	TL [°F]	-22... +140
	EN [dB(A)]	79
	NFPA [dB(A)]	74

R 522 e3 Connect

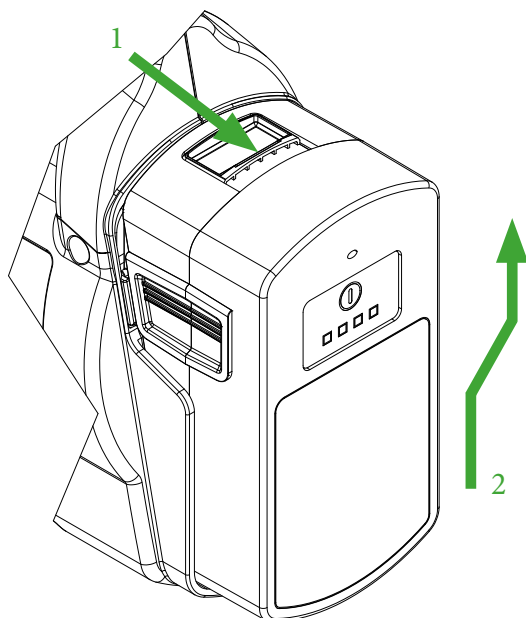
	→L← [mm] / [in.]	627 / 24.7
	←L→ [mm] / [in.]	1503 / 59.2
	Hg [mm] / [in.]	876 / 34.5
	H1 [mm] / [in.]	451 / 17.8
	H2 [mm] / [in.]	425 / 16.7
	HSF1 [kN] / [lbf.]	127 / 28600
	HSF2 [kN] / [lbf.]	60 / 13500
	[mm] / [in.]	140 / 5.51
	[mm] / [in.]	327 / 12.9
	[kg] / [lbs.]	19,7 / 43.4
	[kg] 5 Ah	20,9 / 46.1
	[kg] 9 Ah 	21,3 / 47
	U [V DC]	25,2
	I [A]	42
	IP	58
	TB [°C]	-20... +55
	TB [°F]	-4... +131
	TL [°C]	-30... +60
	TL [°F]	-22... +140
	EN [dB(A)]	75
	NFPA [dB(A)]	69

	→L← [mm] / [in.]	657 / 25.8
	←L→ [mm] / [in.]	1533 / 60.3
	Hg [mm] / [in.]	876 / 34.5
	H1 [mm] / [in.]	451 / 17.8
	H2 [mm] / [in.]	425 / 16.7
	HSF1 [kN] / [lbf.]	127 / 28600
	HSF2 [kN] / [lbf.]	60 / 13500
	[mm] / [in.]	140 / 5.51
	[mm] / [in.]	327 / 12.9
	[kg] / [lbs.]	20,4 / 45
	[kg] 5 Ah	21,6 / 47.7
	[kg] 9 Ah 	22 / 48.6
	U [V DC]	25,2
	I [A]	45
	IP	58
	TB [°C]	-20... +55
	TB [°F]	-4... +131
	TL [°C]	-30... +60
	TL [°F]	-22... +140
	EN [dB(A)]	77
	NFPA [dB(A)]	70

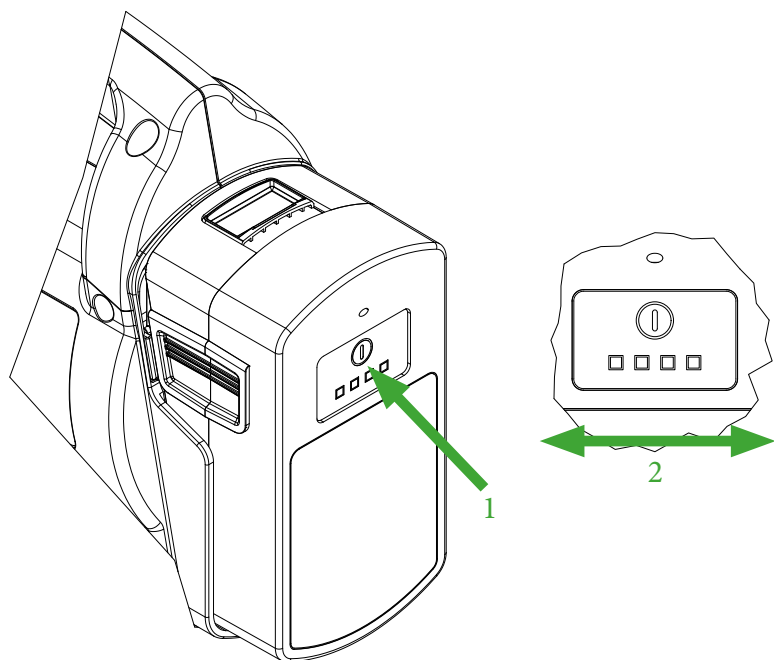
A.)



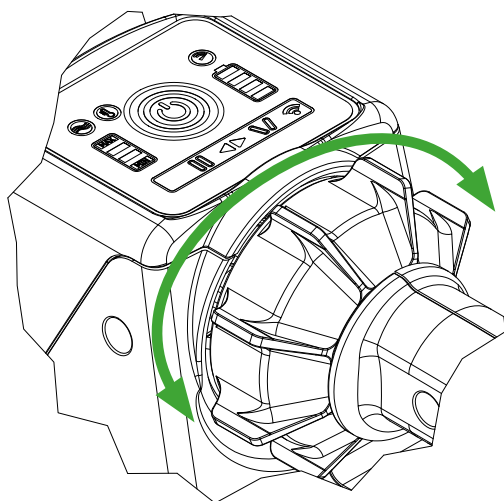
B.)



C.)

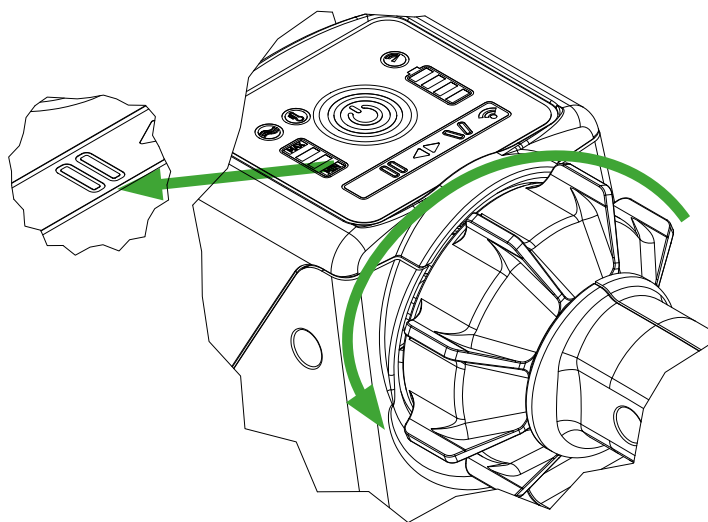


D.)

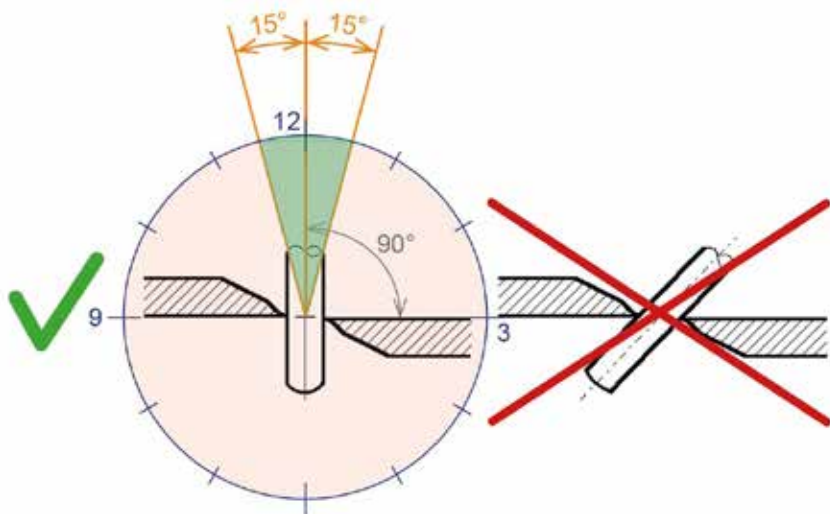


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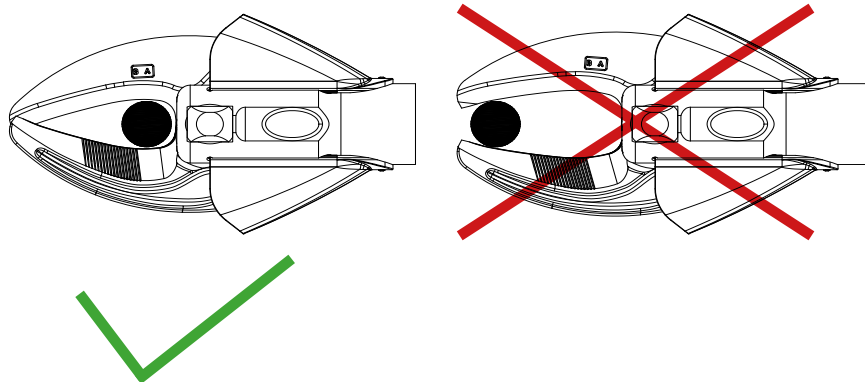
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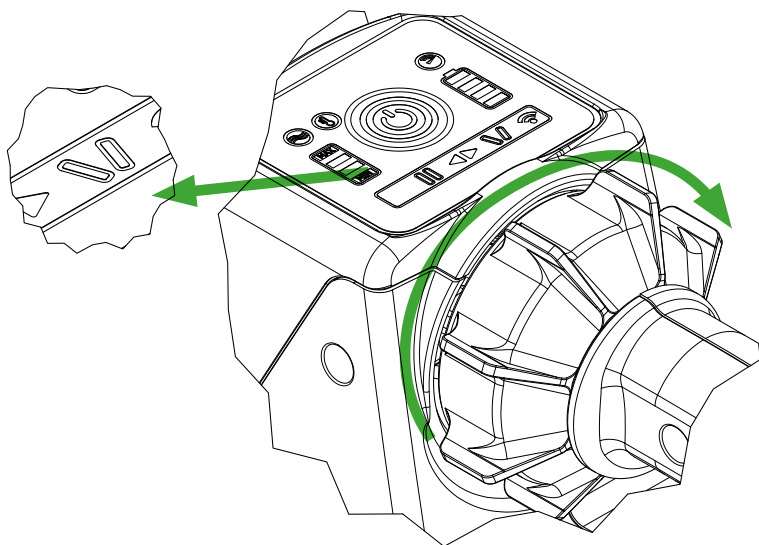
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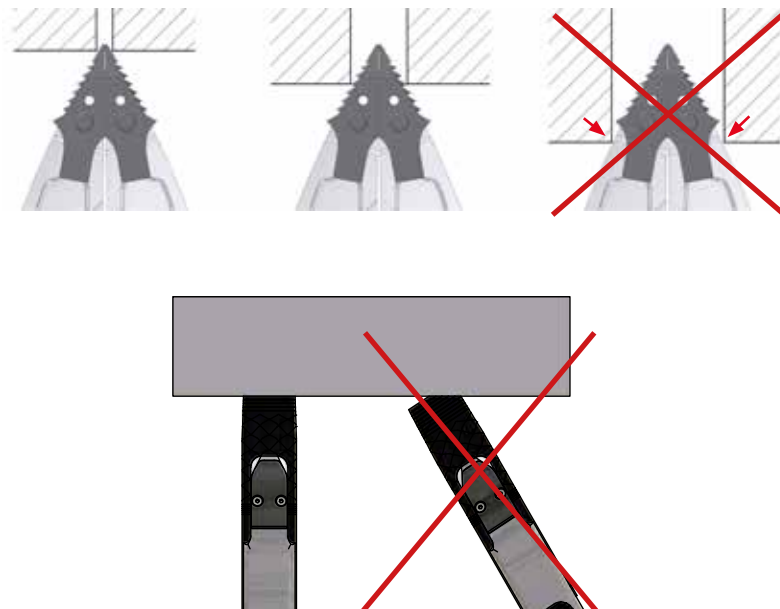
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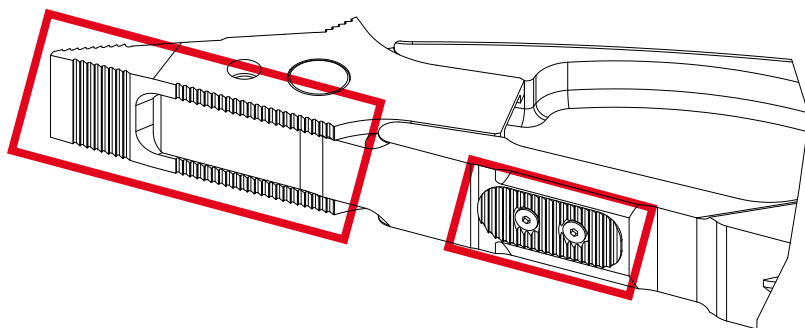
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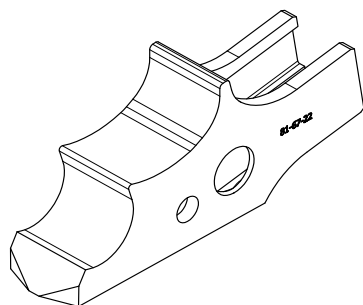
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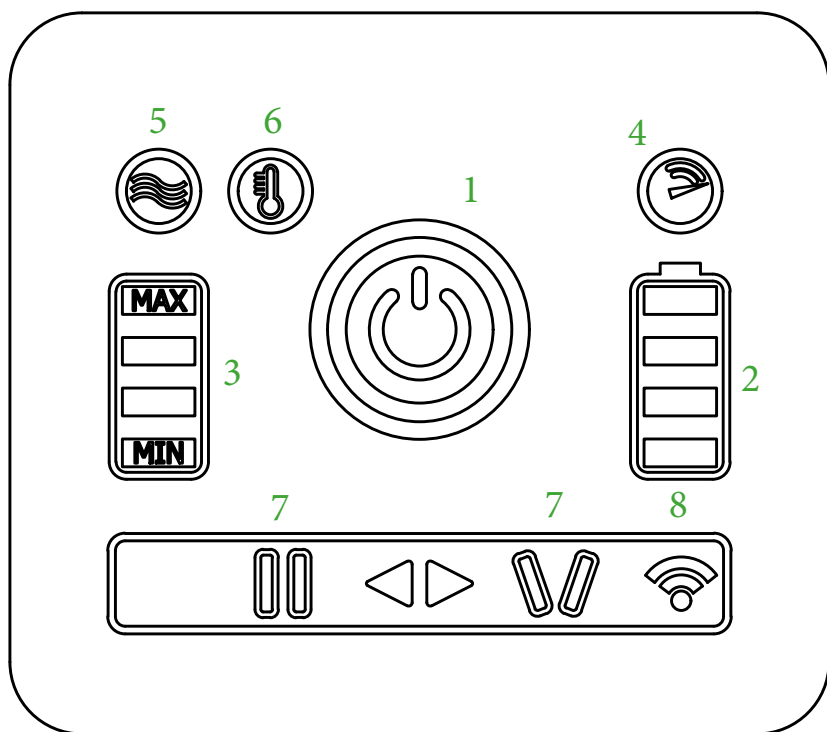
K.)



L.)



M.)



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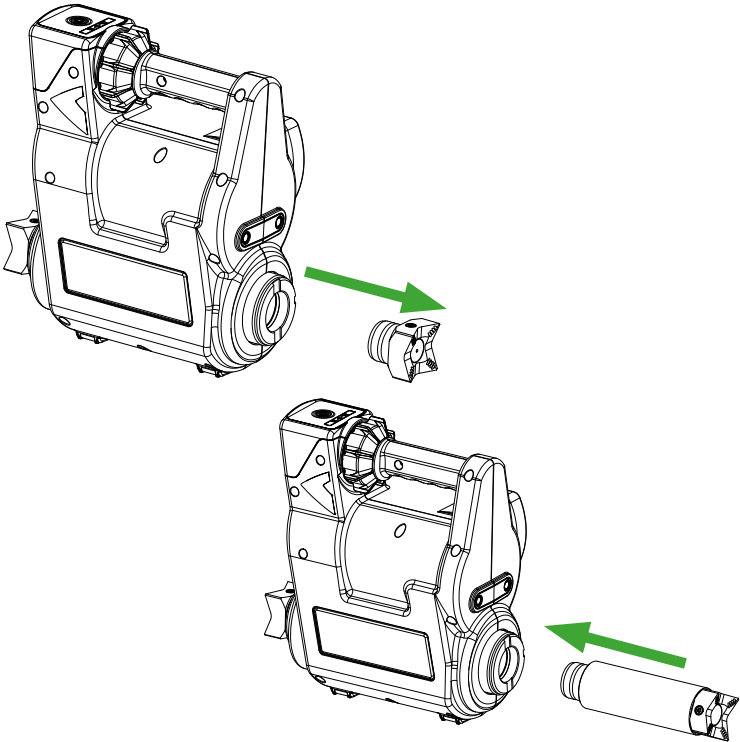
O.)



P.)



Q.)



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