Technical Specification: KM 90/45 R 1.405-101

Internal combustion Engine, operating speed U/min - rpm - Internal combustion Engine, idling speed U/min - rpm - Internal combustion Engine, idling speed U/min - rpm - Internal combustion Engine, idling speed U/min - rpm - Internal combustion Engine, type of oil SAE - SAE - Internal combustion Engine, exhaust CO ₂ max. % - fl.oz - Internal combustion Engine, exhaust CO ₂ max. % - w - Z4= V 24= V 24= Sattery Deta Stype Deta Stype Deta Battery voltage V 24= V 24= Deta Stype Stype Deta Stype Deta Stype Deta Stype Stype Deta Stype Stype Deta Stype Deta Stype Deta Stype Deta Stype Deta Stype Deta Stype O,2 V 22,8 ± 0,2 0,2 V 22,8 ± 0,2 V 22,8 ± 0,2 V 22,8 ± 0,2 V 22,8 ± 0,2 V 22,8 ± 0,2 V 22,8 ± 0,2 V 22,8 ± 0,2 V 22,8 ± 0,2 V 22,8 ± 0,2 V 22,8 ± 0,2 0,2 V 24= V 24= V 24=V 24,8 ± 0,2 V 24=V 24,8 ± 0,		1	10		1
Internal combustion Engine, idling speed Internal combustion Engine, type of oil Internal combustion Engine, type of oil Internal combustion Engine, exhaust CO2 max. Internal combustion Engine, exhaust CO2 max. Battery Internal combustion Poleta Internal combustion Internal Polet	Internal combustion Engine	Тур	-	type	-
Internal combustion Engine, type of oil Internal combustion Engine, oil quantity Internal combustion Engine, oil quantity Internal combustion Engine, exhaust CO2 max. Battery Typ Deta Type Deta Battery voltage V 24= V 24= Battery capacity Ah 160 Ah 160 Deep discharge protection, switch off at battery voltage V 22.8 ± 0.2 Differential voltage between battery blocks, loaded Brush motor, current consumption A 12-18 ± 2 A 12-18 ± 2 Drive motor, current consumption A 13-13 ± 2 A 13-13 ± 2 Hydraulic motor, current consumption A - A - Sweeping pattern, width Main brush, operating speed, unloaded Wimin 570 ± 40 Side sealing strips, ground clearance mm 1-2 in 0.03-0.07 Front sealing strip, after-running mm 10-15 in 0.3-0.5 Rear sealing strip, after-running mm 10-15 in 0.3-0.5 Side brush, operating speed, unloaded Wimin 60-5/+10 Suction turbine, current consumption A 5 ± 2 A 5 ± 2 Suction turbine, current consumption A 5 ± 2 Suction turbine, vacuum with closed suction hose By capacity after running mm 10-15 Sweeping container, liftable weight, max. By capacity after seal of the pass of the	Internal combustion Engine, operating speed	U/min	-	rpm	-
Internal combustion Engine, oil quantity Internal combustion Engine, exhaust CO2 max. Battery Typ Deta type Deta Battery voltage V 24= V 24= Battery capacity Ah 160 Ah 160 Deep discharge protection, switch off at battery voltage Differential voltage between battery blocks, loaded Brush motor, current consumption A 12-18 ± 2 A 12-18 ± 2 Drive motor, current consumption A 13-13 ± 2 A 13-13 ± 2 Hydraulic motor, current consumption A - A - Sweeping pattern, width mm 50-70 in 1.9-2.7 Main brush, ground clearance, raised mm 5.0 in 0.19 Main brush, operating speed, unloaded U/min 570 ± 40 Side sealing strips, ground clearance mm 1-2 in 0.03-0.07 Front sealing strip, after-running mm 10-15 in 0.3-0.5 Rear sealing strip, after-running mm 10-15 in 0.3-0.5 Side brush, operating speed, unloaded U/min 60-5/+10 Side brush, operating speed, unloaded U/min 60-5/+10 Find turbine, current consumption A 5 ± 2 A 5 ± 2 Suction turbine, vacuum with closed suction hose mbar - Sweeping container, liftable weight, max. Filter cleaning , after running time Hydraulic system, oil quantity Liter - Hydraulic system, type of oil Driving speed, reverse, max. Km/h 4,2 Km/h 4,2 Km/h 4,2 Climbing ability, max. Drive wheel, air pressure, front / rear	Internal combustion Engine, idling speed	U/min	-	rpm	-
Internal combustion Engine, exhaust CO ₂ max. Battery Typ Deta type Deta Deta Battery voltage V 24= V 24= Battery capacity Ah 160 Ah 160 Deep discharge protection, switch off at battery voltage Differential voltage between battery blocks, loaded Differential voltage between battery blocks, loaded Brush motor, current consumption A 12-18±2 A 12-18±2 Drive motor, current consumption A 13-13±2 A 13-13±2 Hydraulic motor, current consumption A - A - Sweeping pattern, width mm 50-70 in 1.9-2.7 Main brush, ground clearance, raised mm 5,0 in 0.19 Main brush, operating speed, unloaded U/min 570±40 rpm 570±40 Side sealing strips, ground clearance mm 1-2 in 0.03-0.07 Front sealing strip, after-running mm 10-15 in 0.3-0.5 Side brush, ground clearance, raised mm 5,0 in 0.19 Side brush, ground clearance, raised mm 5,0 in 0.19 Side brush, ground clearance, raised mm 5,0 in 0.19 Side brush, ground clearance, raised mm 5,0 in 0.19 Side brush, operating speed, unloaded U/min 60-5/+10 rpm 60-5/+10 Side brush, operating speed, unloaded U/min 60-5/+10 rpm 60-5/+10 Front sealing strip, after-running mm 10-15 in 0.3-0.5 Side brush, operating speed, unloaded U/min 60-5/+10 rpm 60-5/+10 Front sealing strip, after-running mm 10-15 in 0.3-0.5 Side brush, operating speed, unloaded U/min 60-5/+10 rpm 60-5/+10 Front sealing strip, after running imm 5,0 in 0.19 Side brush, operating speed, unloaded U/min 60-5/+10 rpm 60-5/+10 Front sealing strip, after sealing strip, after sealing strip, after sealing sealing strip, after sealing sealing sealing sealing strip, after sealing seali	Internal combustion Engine, type of oil	SAE	-	SAE	-
Battery voltage	Internal combustion Engine, oil quantity	Liter	-	fl.oz.	-
Battery voltage	Internal combustion Engine, exhaust CO ₂ max.	%	-	%	-
Battery capacity Ah 160 Ah 160 Deep discharge protection, switch off at battery voltage V 22,8± V 22.8±0.2 Differential voltage between battery blocks, loaded V 0,05 V 0.05 Brush motor, current consumption A 12-18±2 A 12-18±2 Drive motor, current consumption A 13-13±2 A 13-13±2 Hydraulic motor, current consumption A - A - Sweeping pattern, width mm 50-70 in 1.9-2.7 Main brush, ground clearance, raised mm 5,0 in 0.19 Main brush, operating speed, unloaded U/min 570±40 rpm 570±40 Side sealing strip, after-running mm 10-15 in 0.3-0.5 Rear sealing strip, after-running mm 10-15 in 0.3-0.5 Rear sealing strip, after-running mm 5,0 in 0.19 Side brush, ground clearance, raised mm 5,0 in 0.19	Battery	Тур	Deta	type	Deta
Deep discharge protection, switch off at battery voltage Differential voltage between battery blocks, loaded Brush motor, current consumption A 12-18±2 A 12-18±2 Drive motor, current consumption A 13-13±2 A 13-13±2 Hydraulic motor, current consumption A - A - Sweeping pattern, width mm 50-70 in 1.9-2.7 Main brush, ground clearance, raised mm 5,0 in 0.19 Main brush, operating speed, unloaded U/min 570±40 rpm 570±40 Side sealing strips, ground clearance mm 1-2 in 0.03-0.5 Rear sealing strip, after-running mm 10-15 in 0.3-0.5 Side brush, ground clearance, raised mm 5,0 in 0.19 Side brush, operating speed, unloaded U/min 60-5/+10 rpm 60-5/+10 Suction turbine, current consumption A 5±2 A 5±2 Suction turbine, vacuum with closed suction hose mbar - Sweeping container, liftable weight, max. kg - kg - Hydraulic system, oil quantity Liter - Hydraulic system, in quantity Liter - Hydraulic system, type of oil SAE - Driving speed, reverse, max. km/h 6 km/h 6 Climbing ability, max. 9% - 9si -	Battery voltage	V	24=	V	24=
switch off at battery voltage 0,2 0.05 Differential voltage between battery blocks, loaded V 0,05 V 0.05 Brush motor, current consumption A 12-18±2 A 12-18±2 Drive motor, current consumption A 13-13±2 A 13-13±2 Hydraulic motor, current consumption A - A - Sweeping pattern, width mm 50-70 in 1.9-2.7 Main brush, ground clearance, raised mm 5,0 in 0.19 Main brush, operating speed, unloaded U/min 570±40 rpm 570±40 Side sealing strips, ground clearance mm 1-2 in 0.03-0.07 Front sealing strip, after-running mm 10-15 in 0.3-0.5 Rear sealing strip, after-running mm 10-15 in 0.3-0.5 Side brush, ground clearance, raised mm 5,0 in 0.19 Side brush, operating speed, unloaded U/min 60-5/+10 rpm 60-5/+10 Suctio	Battery capacity	Ah	160	Ah	160
loaded Brush motor, current consumption A 12-18 ± 2 A 12-18 ± 2 Drive motor, current consumption A 13-13 ± 2 A 13-13 ± 2 Hydraulic motor, current consumption A - A - Sweeping pattern, width mm 50-70 in 1.9-2.7 Main brush, ground clearance, raised mm 5,0 in 0.19 Main brush, operating speed, unloaded U/min 570 ± 40 rpm 570 ± 40 Side sealing strips, ground clearance mm 1-2 in 0.03-0.07 Front sealing strip, after-running mm 10-15 in 0.3-0.5 Rear sealing strip, after-running mm 10-15 in 0.3-0.5 Side brush, ground clearance, raised mm 5,0 in 0.19 Side brush, operating speed, unloaded U/min 60 -5/+10 rpm 60 -5/+10 Suction turbine, current consumption A 5 ± 2 A 5 ± 2 Suction turbine, vacuum with closed suction hose mbar - psi - Sweeping container, liftable weight, max. kg - kg - Sweeping container, stroke hight, max. mm - in - Filter cleaning, after running time sek - sec - Hydraulic system, oil quantity Liter - fl.oz Hydraulic system, type of oil SAE - SAE - Driving speed, reverse, max. km/h 6 km/h 6 Driving speed, reverse, max. km/h 4,2 km/h 4.2 Climbing ability, max. prise max. climbing ability, max. prive wheel, air pressure, front / rear		V		V	22.8 ± 0.2
Drive motor, current consumption A 13-13 ± 2 A 13-13 ± 2 Hydraulic motor, current consumption A - A - Sweeping pattern, width mm 50-70 in 1.9-2.7 Main brush, ground clearance, raised mm 5,0 in 0.19 Main brush, operating speed, unloaded U/min 570 ± 40 rpm 570 ± 40 Side sealing strips, ground clearance mm 1-2 in 0.03-0.07 Front sealing strip, after-running mm 10-15 in 0.3-0.5 Rear sealing strip, after-running mm 10-15 in 0.3-0.5 Side brush, ground clearance, raised mm 5,0 in 0.19 Side brush, operating speed, unloaded U/min 60 -5/+10 rpm 60 -5/+10 Suction turbine, current consumption A 5 ± 2 A 5 ± 2 Suction turbine, vacuum with closed suction hose mbar - psi - Sweeping container, liftable weight, max. kg - kg - Sweeping container, stroke hight, max. mm - in - Filter cleaning , after running time sek - sec - Hydraulic system, oil quantity Liter - fl.oz - Hydraulic system, type of oil SAE - SAE - Driving speed, forward, max. km/h 6 km/h 6 Driving speed, reverse, max. km/h 4,2 km/h 4.2 Climbing ability, max. Drive wheel, air pressure, front / rear bar 10.019		V	0,05	V	0.05
Hydraulic motor, current consumption A - A - A - Sweeping pattern, width mm 50-70 in 1.9-2.7 main brush, ground clearance, raised mm 5,0 in 0.19 mm 570 ± 40 mm 1-2 mm 10-15 mm 10.3-0.5 mm 10.3-0.5 mm 10-15 mm 10.3-0.5 mm 10-15 mm 10-15 mm 10.3-0.5 mm 10-15 mm 10-15 mm 10.3-0.5 mm 10-15 mm 10-15 mm 10-19 mm 10-15 mm 10-19 m	Brush motor, current consumption	Α	12-18 ± 2	А	12-18 ± 2
Sweeping pattern, width mm 50-70 in 1.9-2.7 Main brush, ground clearance, raised mm 5,0 in 0.19 Main brush, operating speed, unloaded U/min 570 ± 40 rpm 570 ± 40 Side sealing strips, ground clearance mm 1-2 in 0.03-0.07 Front sealing strip, after-running mm 10-15 in 0.3-0.5 Rear sealing strip, after-running mm 10-15 in 0.3-0.5 Side brush, ground clearance, raised mm 5,0 in 0.19 Side brush, operating speed, unloaded U/min 60 -5/+10 rpm 60 -5/+10 Suction turbine, current consumption A 5 ± 2 A 5 ± 2 Suction turbine, vacuum with closed suction hose mbar - psi - Sweeping container, liftable weight, max. kg - kg - Sweeping container, stroke hight, max. mm - in - Filter cleaning, after running time sek - sec - Hydraulic system, oil quantity Liter - fl.oz Hydraulic system, type of oil SAE - SAE - Driving speed, forward, max. km/h 6 km/h 6 Driving speed, reverse, max. km/h 4,2 km/h 4.2 Climbing ability, max. Drive wheel, air pressure, front / rear bar on the sin on the sec of the sin o	Drive motor, current consumption	Α	13-13 ± 2	Α	13-13 ± 2
Main brush, ground clearance, raised mm 5,0 in 0.19 Main brush, operating speed, unloaded U/min 570 ± 40 rpm 570 ± 40 Side sealing strips, ground clearance mm 1-2 in 0.03-0.07 Front sealing strip, after-running mm 10-15 in 0.3-0.5 Rear sealing strip, after-running mm 10-15 in 0.3-0.5 Side brush, ground clearance, raised mm 5,0 in 0.19 Side brush, operating speed, unloaded U/min 60 -5/+10 rpm 60 -5/+10 Suction turbine, current consumption A 5 ± 2 A 5 ± 2 Suction turbine, vacuum with closed suction hose mbar - psi - Sweeping container, liftable weight, max. kg - kg - Sweeping container, stroke hight, max. mm - in - Filter cleaning, after running time sek - sec - Hydraulic system, oil quantity Liter - fl.oz - Hydraulic system, type of oil SAE - SAE - Driving speed, forward, max. km/h 6 km/h 6 Driving speed, reverse, max. km/h 4,2 km/h 4.2 Climbing ability, max. bar on 570 ± 40 rpm 570 ± 40 U/min 570 ± 40 rpm 570 ± 40 10-19 10-15 in 0.3-0.5 10-3-	Hydraulic motor, current consumption	Α	-	Α	-
Main brush, operating speed, unloaded U/min 570 ± 40 rpm 570 ± 40 Side sealing strips, ground clearance mm 1-2 in 0.03-0.07 Front sealing strip, after-running mm 10-15 in 0.3-0.5 Rear sealing strip, after-running mm 10-15 in 0.3-0.5 Side brush, ground clearance, raised mm 5,0 in 0.19 Side brush, operating speed, unloaded U/min 60 -5/+10 rpm 60 -5/+10 Suction turbine, current consumption A 5 ± 2 A 5 ± 2 Suction turbine, vacuum with closed suction hose mbar - psi - Sweeping container, liftable weight, max. kg - kg - Sweeping container, stroke hight, max. mm - in - Filter cleaning, after running time sek - sec - Hydraulic system, oil quantity Liter - fl.oz Hydraulic system, type of oil SAE - SAE - Driving speed, forward, max. km/h 6 km/h 6 Driving speed, reverse, max. km/h 4,2 km/h 4.2 Climbing ability, max. bar - psi -	Sweeping pattern, width	mm	50-70	in	1.9-2.7
Side sealing strips, ground clearance mm 1-2 in 0.03-0.07 Front sealing strip, after-running mm 10-15 in 0.3-0.5 Rear sealing strip, after-running mm 10-15 in 0.3-0.5 Side brush, ground clearance, raised mm 5,0 in 0.19 Side brush, operating speed, unloaded U/min 60-5/+10 rpm 60-5/+10 Suction turbine, current consumption A 5±2 A 5±2 Suction turbine, vacuum with closed suction hose mbar - psi - Sweeping container, liftable weight, max. kg - kg - Sweeping container, stroke hight, max. mm - in - Filter cleaning , after running time sek - sec - Hydraulic system, oil quantity Liter - fl.oz Hydraulic system, type of oil SAE - SAE - Driving speed, forward, max. km/h 6 km/h 6 Driving speed, reverse, max. km/h 4,2 km/h 4.2 Climbing ability, max. % - % - Drive wheel, air pressure, front / rear bar 10-15 in 0.3-0.5 in 0.19 S4-2 S = SEC - Hydraulic system, stroke hight, max. mm - in - Filter cleaning , after running time sek - sec - Hydraulic system, oil quantity Liter - fl.oz Hydraulic system, type of oil SAE - SAE - Driving speed, forward, max. km/h 6 km/h 6	Main brush, ground clearance, raised	mm	5,0	in	0.19
Front sealing strip, after-running mm 10-15 in 0.3-0.5 Rear sealing strip, after-running mm 10-15 in 0.3-0.5 Side brush, ground clearance, raised mm 5,0 in 0.19 Side brush, operating speed, unloaded U/min 60 -5/+10 rpm 60 -5/+10 Suction turbine, current consumption A 5 ± 2 A 5 ± 2 Suction turbine, vacuum with closed suction hose mbar - psi - Sweeping container, liftable weight, max. kg - kg - Sweeping container, stroke hight, max. mm - in - Filter cleaning , after running time sek - sec - Hydraulic system, oil quantity Liter - fl.oz Hydraulic system, type of oil SAE - SAE - Driving speed, forward, max. km/h 6 km/h 6 Driving speed, reverse, max. km/h 4,2 km/h 4.2 Climbing ability, max. % - % -	Main brush, operating speed, unloaded	U/min	570 ± 40	rpm	570 ± 40
Rear sealing strip, after-running mm 10-15 in 0.3-0.5 Side brush, ground clearance, raised mm 5,0 in 0.19 Side brush, operating speed, unloaded U/min 60 -5/+10 rpm 60 -5/+10 Suction turbine, current consumption A 5±2 A 5±2 Suction turbine, vacuum with closed suction hose mbar - psi - Sweeping container, liftable weight, max. kg - kg - Sweeping container, stroke hight, max. mm - in - Filter cleaning, after running time sek - sec - Hydraulic system, oil quantity Liter - fl.oz - Hydraulic system, type of oil SAE - SAE - Driving speed, forward, max. km/h 6 km/h 6 Driving speed, reverse, max. km/h 4,2 km/h 4.2 Climbing ability, max. % - % -	Side sealing strips, ground clearance	mm	1-2	in	0.03-0.07
Side brush, ground clearance, raised mm 5,0 in 0.19 Side brush, operating speed, unloaded U/min 60 -5/+10 rpm 60 -5/+10 Suction turbine, current consumption A 5 ± 2 A 5 ± 2 Suction turbine, vacuum with closed suction hose mbar - psi - Sweeping container, liftable weight, max. kg - kg - Sweeping container, stroke hight, max. mm - in - Filter cleaning , after running time sek - sec - Hydraulic system, oil quantity Liter - fl.oz Hydraulic system, type of oil SAE - SAE - Driving speed, forward, max. km/h 6 km/h 6 Driving speed, reverse, max. km/h 4,2 km/h 4.2 Climbing ability, max. % - % - Drive wheel, air pressure, front / rear bar - psi -	Front sealing strip, after-running	mm	10-15	in	0.3-0.5
Side brush, operating speed, unloadedU/min $60 - 5/+10$ rpm $60 - 5/+10$ Suction turbine, current consumptionA 5 ± 2 A 5 ± 2 Suction turbine, vacuum with closed suction hosembar-psi-Sweeping container, liftable weight, max.kg-kg-Sweeping container, stroke hight, max.mm-in-Filter cleaning, after running timesek-sec-Hydraulic system, oil quantityLiter-fl.ozHydraulic system, type of oilSAE-SAE-Driving speed, forward, max.km/h6km/h6Driving speed, reverse, max.km/h4,2km/h4.2Climbing ability, max.%-%-Drive wheel, air pressure, front / rearbar-psi-	Rear sealing strip, after-running	mm	10-15	in	0.3-0.5
Suction turbine, current consumption $ \begin{array}{ccccccccccccccccccccccccccccccccccc$	Side brush, ground clearance, raised	mm	5,0	in	0.19
Suction turbine, vacuum with closed suction hose mbar - psi - Sweeping container, liftable weight, max. kg - kg - Sweeping container, stroke hight, max. mm - in - Filter cleaning, after running time sek - sec - Hydraulic system, oil quantity Liter - fl.oz Hydraulic system, type of oil SAE - SAE - Driving speed, forward, max. km/h 6 km/h 6 Driving speed, reverse, max. km/h 4,2 km/h 4.2 Climbing ability, max. % - % - Drive wheel, air pressure, front / rear bar - psi -	Side brush, operating speed, unloaded	U/min	60 -5/+10	rpm	60 -5/+10
Sweeping container, liftable weight, max.	Suction turbine, current consumption	Α	5 ± 2	Α	5 ± 2
Sweeping container, stroke hight, max. Filter cleaning , after running time sek - Hydraulic system, oil quantity Liter Hydraulic system, type of oil SAE - Driving speed, forward, max. km/h 6 km/h 6 Driving speed, reverse, max. km/h 4,2 Km/h 4.2 Climbing ability, max. Drive wheel, air pressure, front / rear mm - in - sec - Hiloz. SAE - SAE - SAE - Km/h 4,2 Km/h 4.2 Climbing ability, max. - Drive wheel, air pressure, front / rear mm - in - sec - Hydraulic system, oil quantity Liter - SAE - SAE - SAE - SAE - Drive wheel, air pressure, front / rear	Suction turbine, vacuum with closed suction hose	mbar	-	psi	-
Filter cleaning , after running time sek - sec - Hydraulic system, oil quantity Liter - fl.oz Hydraulic system, type of oil SAE - SAE - Driving speed, forward, max. km/h 6 km/h 6 Driving speed, reverse, max. km/h 4,2 km/h 4.2 Climbing ability, max. % - % - Drive wheel, air pressure, front / rear bar - psi -	Sweeping container, liftable weight, max.	kg	-	kg	-
Hydraulic system, oil quantity Liter - fl.oz Hydraulic system, type of oil SAE - SAE - Driving speed, forward, max. km/h 6 km/h 6 Driving speed, reverse, max. km/h 4,2 km/h 4.2 Climbing ability, max. % - % - Drive wheel, air pressure, front / rear bar - psi -	Sweeping container, stroke hight, max.	mm	-	in	-
Hydraulic system, type of oil SAE - SAE - Driving speed, forward, max. km/h 6 km/h 6 Driving speed, reverse, max. km/h 4,2 km/h 4.2 Climbing ability, max. % - % - Drive wheel, air pressure, front / rear bar - psi -	Filter cleaning, after running time	sek	-	sec	-
Driving speed, forward, max. km/h 6 km/h 6 Driving speed, reverse, max. km/h 4,2 km/h 4.2 Climbing ability, max. % - % - Drive wheel, air pressure, front / rear bar - psi -	Hydraulic system, oil quantity	Liter	-	fl.oz.	-
Driving speed, reverse, max.	Hydraulic system, type of oil	SAE	-	SAE	-
Climbing ability, max. % - % - Drive wheel, air pressure, front / rear bar - psi -	Driving speed, forward, max.	km/h	6	km/h	6
Drive wheel, air pressure, front / rear bar - psi -	Driving speed, reverse, max.	km/h	4,2	km/h	4.2
	Climbing ability, max.	%	-	%	-
Sound level dB(A) 81 dB(A) 81	Drive wheel, air pressure, front / rear	bar	-	psi	-
	Sound level	dB(A)	81	dB(A)	81

FKV: 0.091-035 Circuit diagram: 0.088-557 Dated: 07/02cs