

WHEEL & TRACK DRIVE



WHEEL & TRACK DRIVES

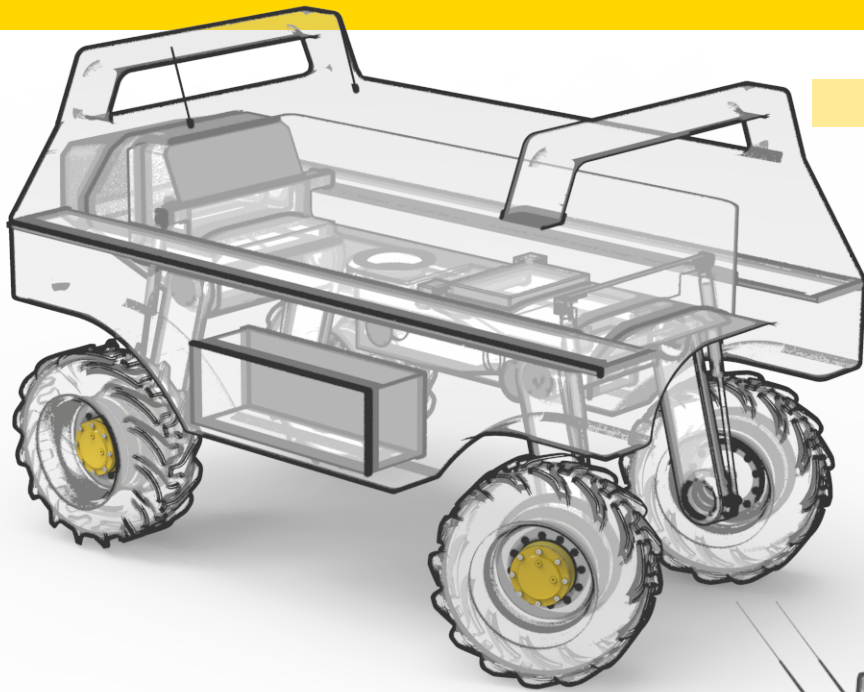
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DATI TECNICI / TECHNICAL DATA

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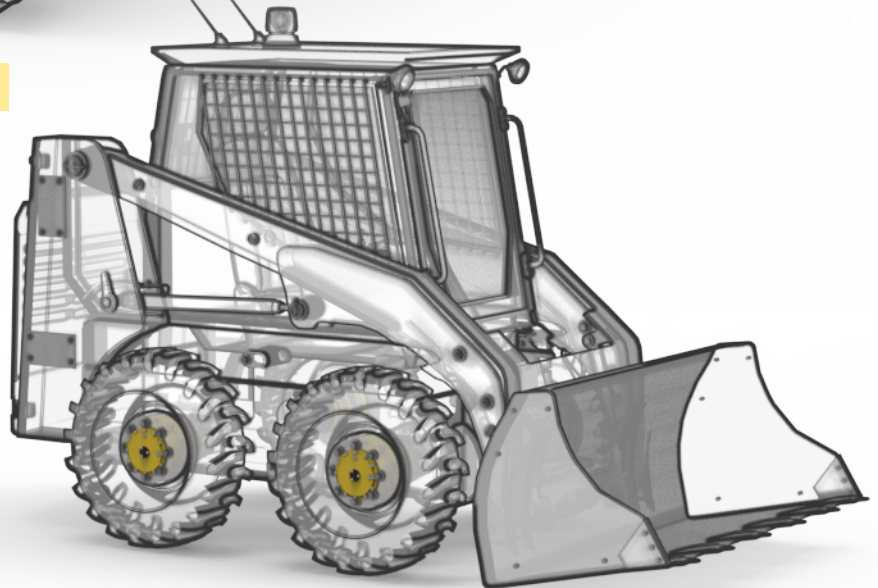
Definizioni tecniche / Technical Definitions:

Simboli Symbols	Unità di misura Units of measurement	Descrizione	Description
i	-	Rapporto di riduzione	Reduction ratio
T ₂ max	[Nm]	Coppia massima in uscita	Maximum output torque
T ₂ p	[Nm]	Coppia di picco in uscita	Peak output torque
T ₂ maxint	[Nm]	Coppia massima intermittente	Maximum intermittent torque
T ₂ cont	[Nm]	Coppia continua in uscita	Continuous output torque
Pcont	[kW]	Potenza massima continua	Maximum continuous power
Pint	[kW]	Potenza massima intermittente	Maximum intermittent power
n ₁ max	[rpm]	Velocità massima in ingresso	Maximum input speed
n ₂ max	[rpm]	Velocità massima in uscita	Maximum output speed
 kg	[kg]	Peso	Weight
 lt	[lt]	Quantità di lubrificante	Oil quantity

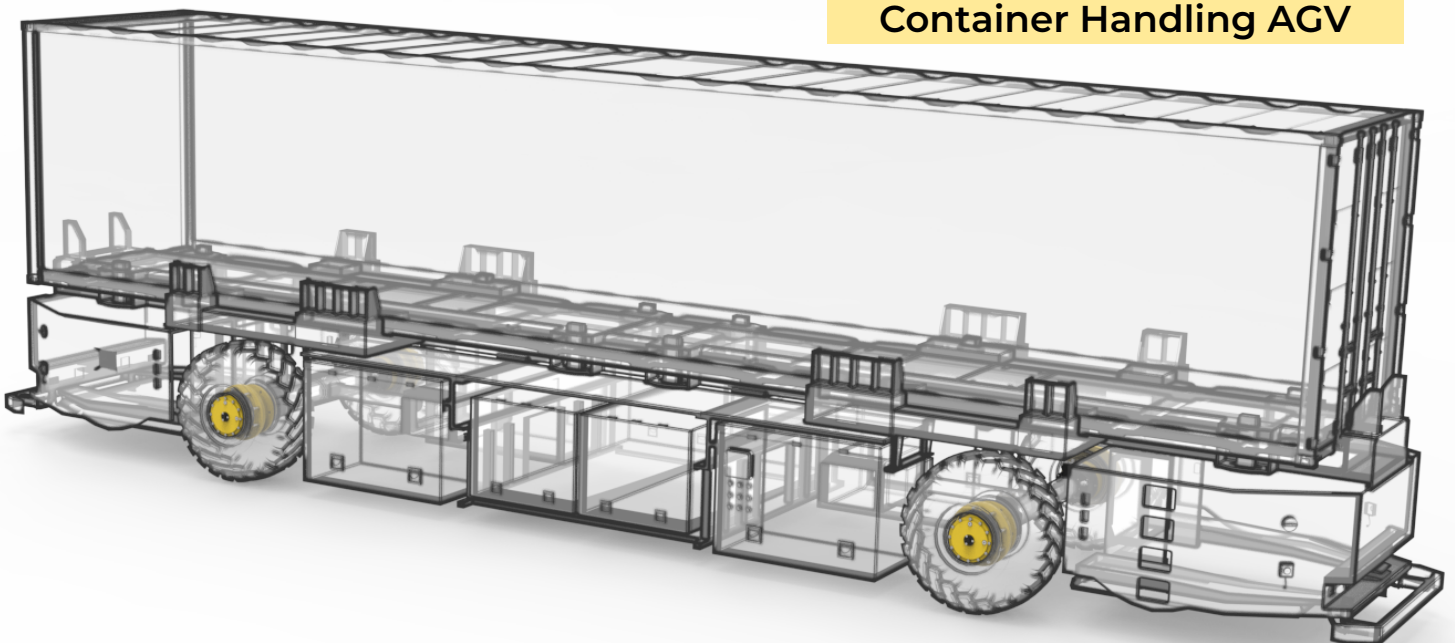


Vine Straddle Robot

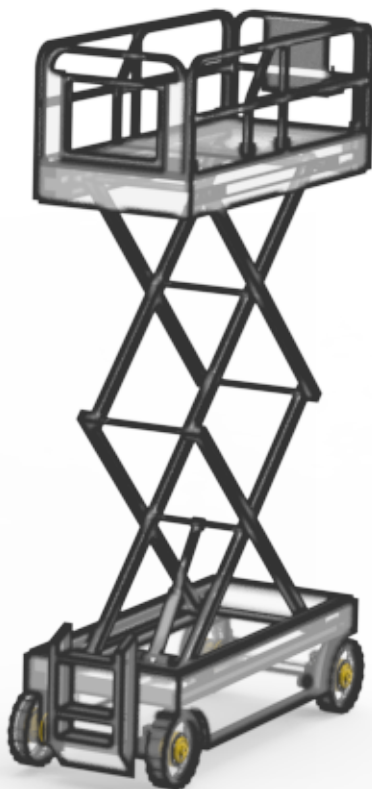
Skid Steer Loader



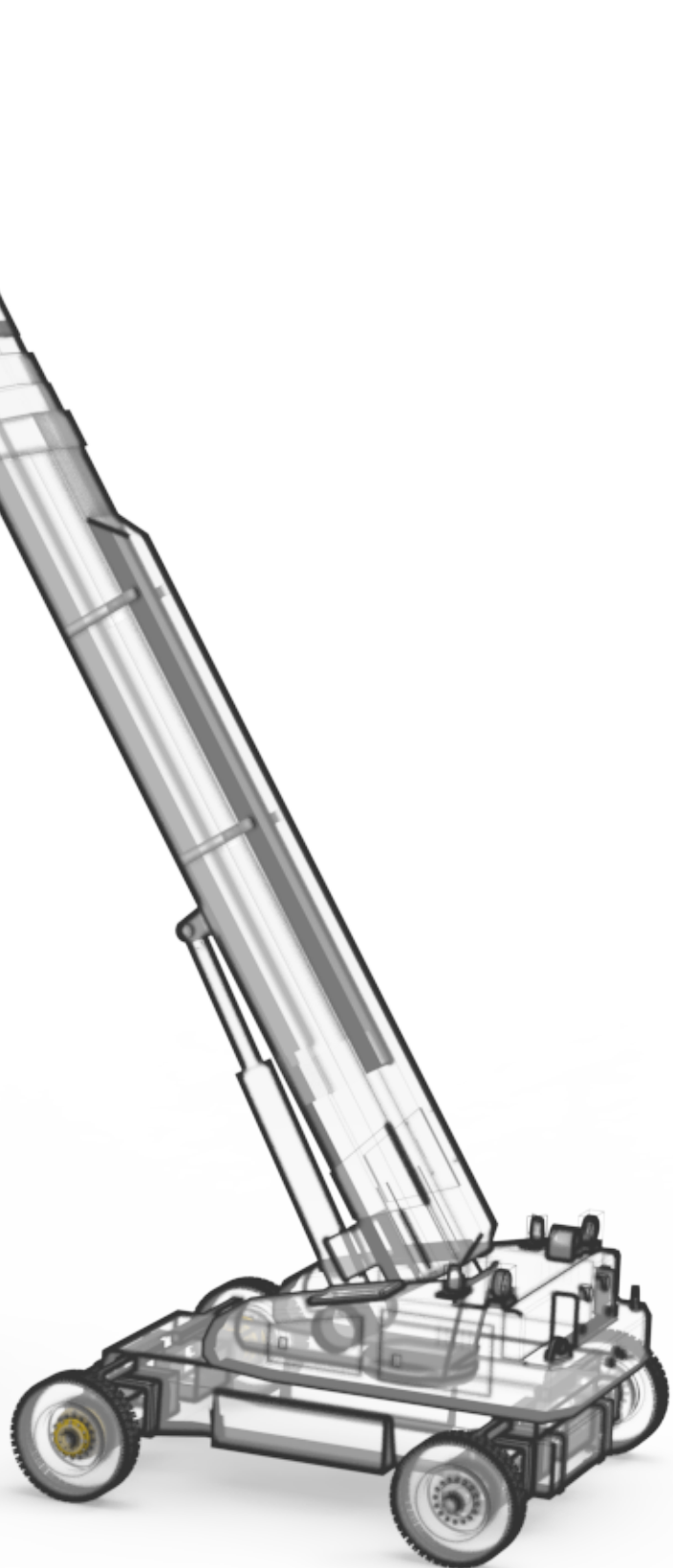
Container Handling AGV

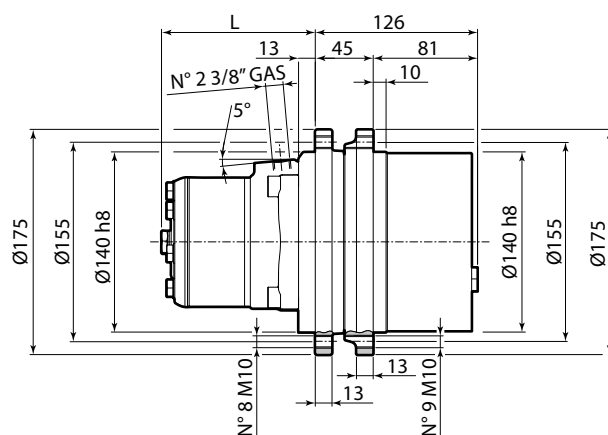


Scissor Lift



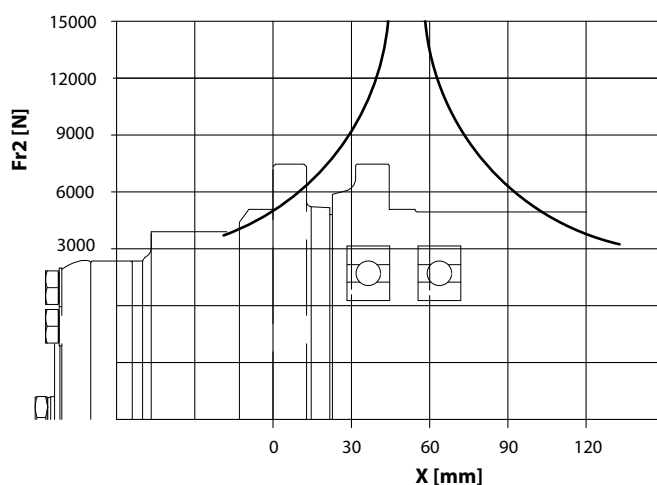
Boom Lift



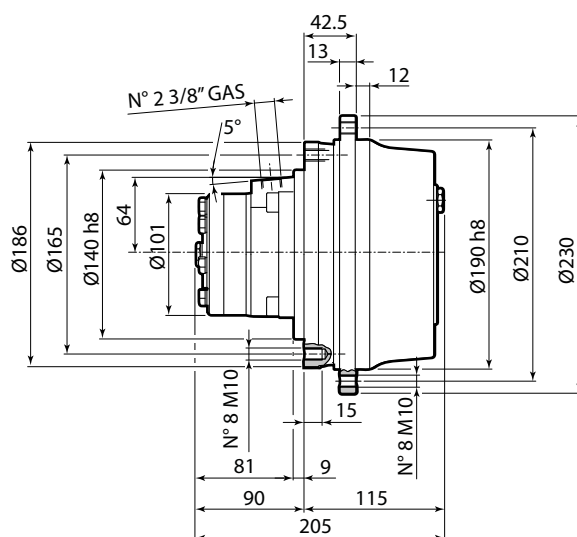


Disponibile a richiesta con disinnesto meccanico
Available on demand with mechanical disengagement

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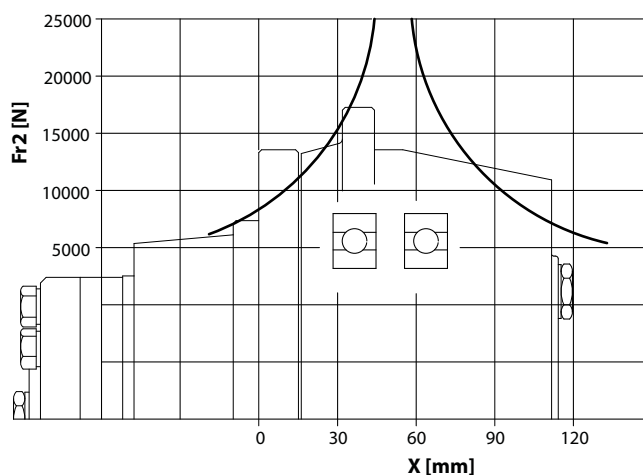


Tipo Type	Cil.motore Motor disp. [cc]	Cil. totale Total disp. [cc]	i	Coppia / Torque						Velocità Speed n_2 max		Potenza Power	
				T_2 cont		T_2 maxint		T_2 p		portata flow	[l/min]	Pcont	Pint
				[Nm]	Δp [bar]	[Nm]	Δp [bar]	[Nm]	Δp [bar]				
GR80-MR50	51,6	269,9	5,23	470	145	570	175	630	205	115	30	5,5	7
GR80-MR80	80,3	420,0		800	145	960	175	1060	205	68	30	5,5	7
GR80-MR100	99,8	522,0		800	115	1000	145	1310	205	55	30	5,5	7
GR80-MR125	125,7	657,4		800	95	1000	120	1500	190	45	30	5,5	7
GR80-MR160	159,6	834,7		800	75	1000	95	1500	145	33	30	5	7
GR80-MR200	199,8	1045,0		800	60	1000	75	1500	115	26	30	5	7
GR80-MR250	249,3	1303,8		800	50	1000	60	1500	95	21	30	4,5	6



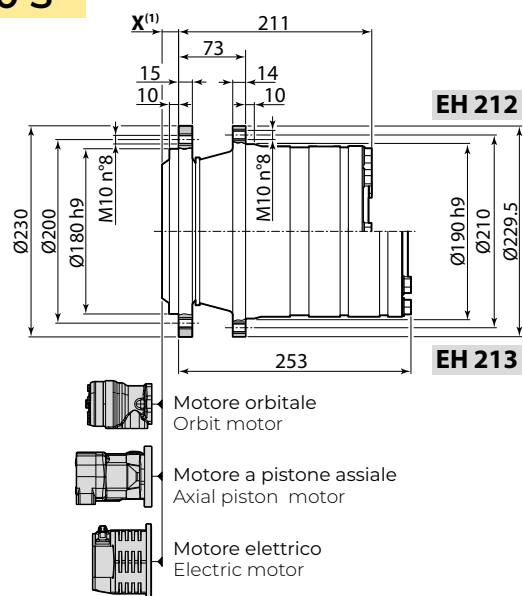
Disponibile a richiesta con disinnesto meccanico
Available on demand with mechanical disengagement

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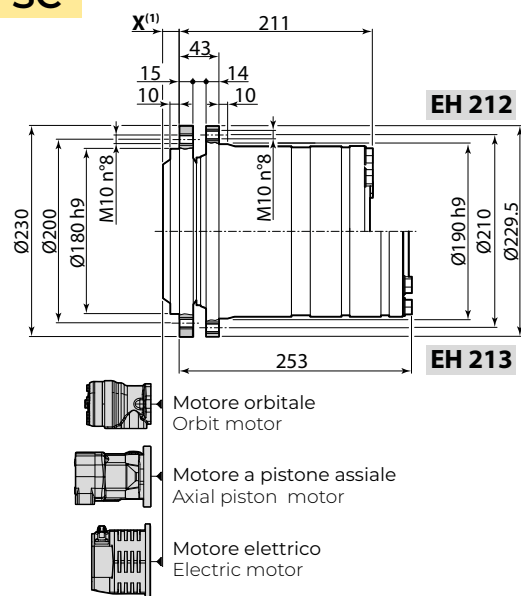


Tipo Type	Cil.motore Motor disp. [cc]	Cil. totale Total disp. [cc]	i	Coppia / Torque						Velocità Speed		Potenza Power	
				T_{2cont}		$T_{2maxint}$		T_{2p}		$n_2 max$	portata flow	P_{cont}	P_{int}
				[Nm]	Δp [bar]	[Nm]	Δp [bar]	[Nm]	Δp [bar]				
GR200-MR50	51,6	319,9	6,20	560	145	670	175	740	205	98	30	5,5	7
GR200-MR80	80,3	497,9		950	145	1150	175	1250	205	58	30	5,5	7
GR200-MR100	99,8	618,8		1180	145	1420	175	1560	205	46	30	5,5	7
GR200-MR125	125,7	779,3		1450	145	1750	175	1920	205	38	30	5,5	7
GR200-MR160	159,6	989,5		1600	125	2100	165	2450	205	29	30	5	7
GR200-MR200	199,8	1238,8		1600	100	2150	135	2500	165	23	30	5	7
GR200-MR250	249,3	1545,7		1600	80	2150	105	2500	135	18	30	4,5	6
GR200-MR315	315,7	1957,3		1600	65	2150	85	2500	110	15	30	4	5
GR200-MR375	372,6	2310,1		1600	55	2150	70	2500	90	12	30	3,5	4,5

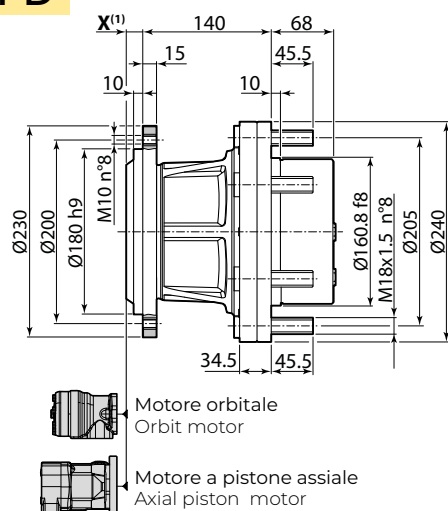
EH 210 S



EH 210 SC



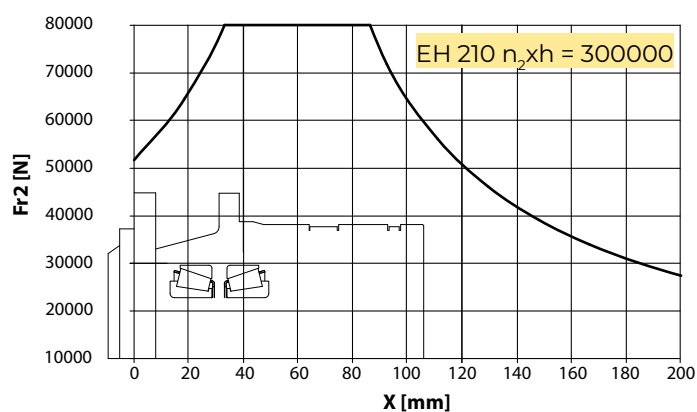
EH 210 PD



(1) Dipende dal tipo di motore
According to motor type

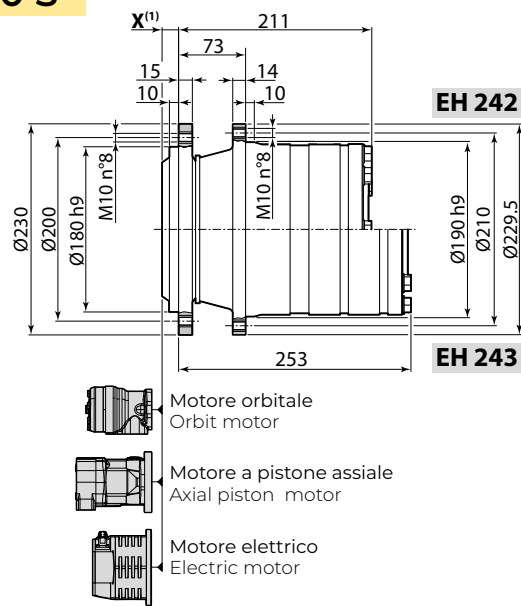
Disponibile a richiesta con disinnesto meccanico
Available on demand with mechanical disengagement

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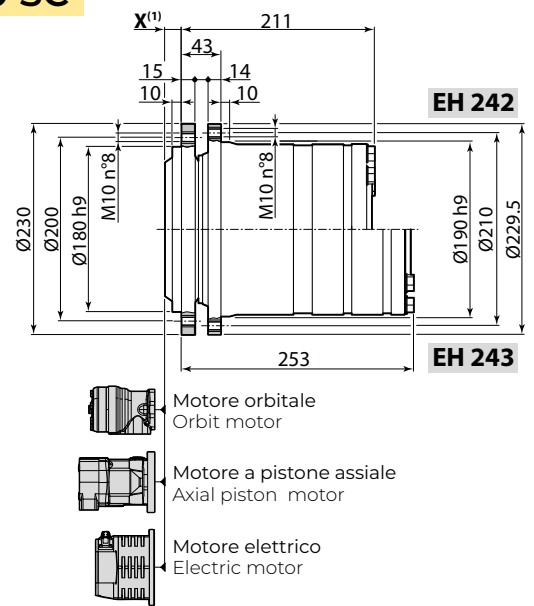


Tipo Type	Kg		lt		i (da÷a / From÷to)		$T_{2,max}$ [Nm]	$n_{1,max}$ [rpm]
	EH 212	EH 213	EH 212	EH 213	EH 212	EH 213		
EH 210 S	35	40	0.8	1	11 ÷ 29	41 ÷ 129	3950	3500
EH 210 SC								
EH 210 PD		-		-				

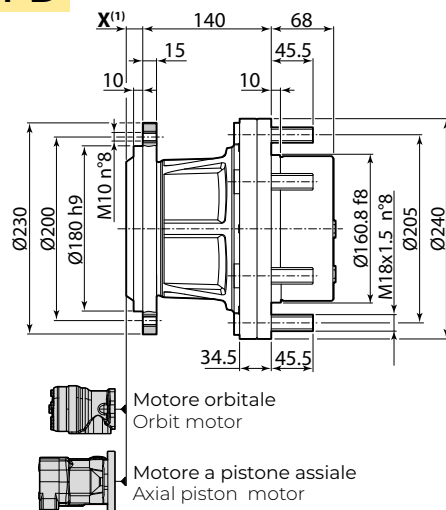
EH 240 S



EH 240 SC



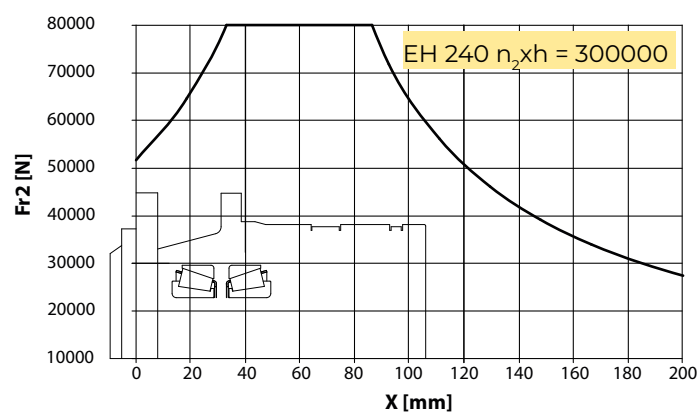
EH 240 PD



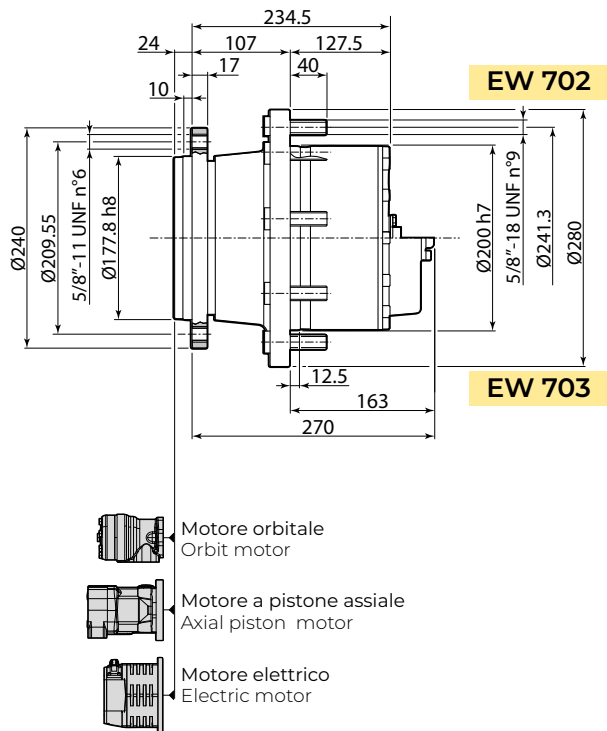
(1) Dipende dal tipo di motore
According to motor type

Disponibile a richiesta con disinnesto meccanico
Available on demand with mechanical disengagement

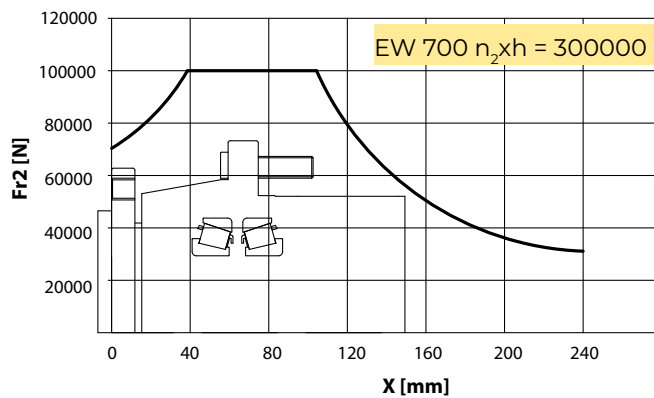
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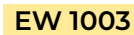
Tipo Type	Kg		lt		i (da÷a / From÷to)		$T_{2,max}$ [Nm]	$n_{1,max}$ [rpm]
	EH 242	EH 243	EH 242	EH 243	EH 242	EH 243		
EH 240 S	35	40	0.8	1	12 ÷ 31	45 ÷ 135	5600	3500
EH 240 SC								
EH 240 PD		-		-				



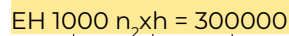
Standard con disinnesto meccanico
Standard with mechanical disengagement

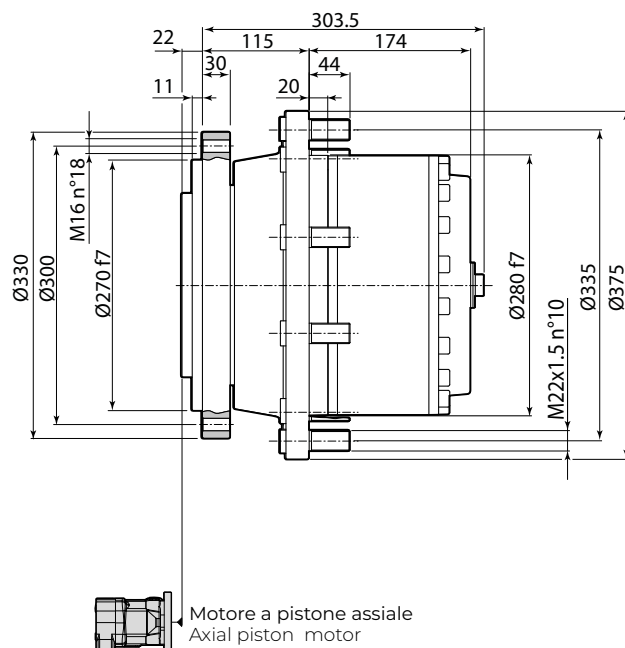
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Tipo Type					i		T ₂ max	n ₁ max
	EW 702	EW 703	EW 702	EW 703	EW 702	EW 703	[Nm]	[rpm]
EW 700	45	55	0.7	1.1	31 / 53	106	7000	3500



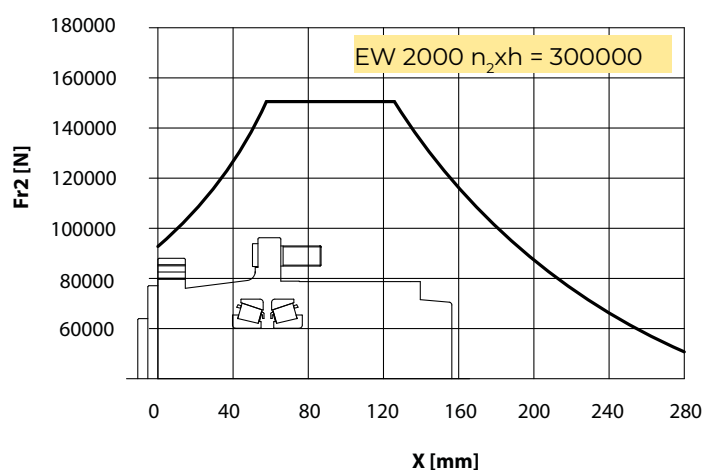
● Motore elettrico
Electric motor

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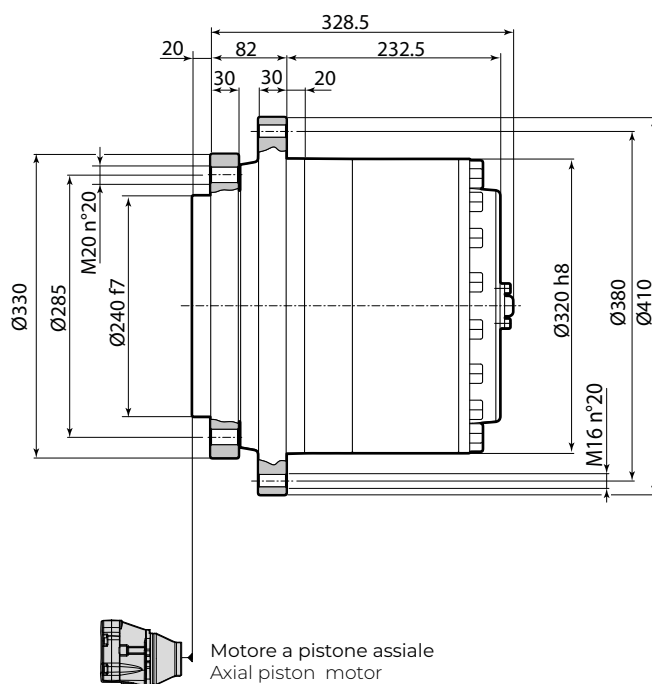


Standard con disinnesto meccanico
Standard with mechanical disengagement

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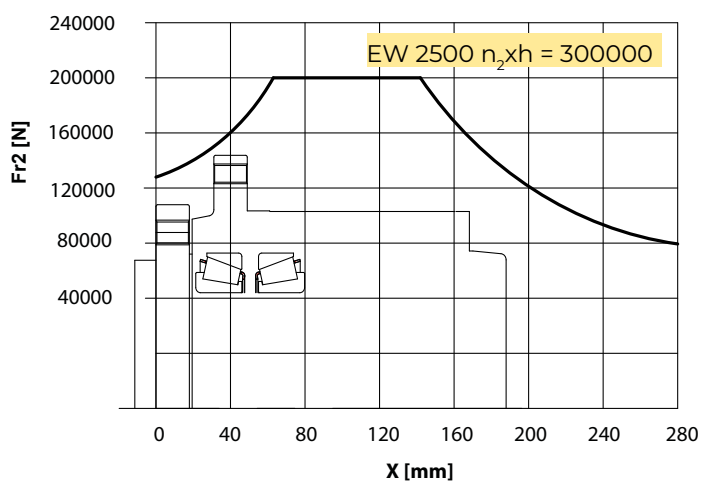


Tipo Type	kg EW 2003	lt EW 2003	i EW 2003	T ₂ max [Nm]	n ₁ max [rpm]
EW 2000	130	1	85 / 117	17500	3500



Standard con disinnesto meccanico
Standard with mechanical disengagement

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Tipo Type	kg EW 2503	It EW 2503	i EW 2503	$T_2 \text{ max}$ [Nm]	$n_1 \text{ max}$ [rpm]
EW 2500	145	3	122.5	24000	3500

I riduttori ruota delle serie EH ed EW possono essere richiesti anche in versione con motore elettrico sincrono a magneti permanenti PMSM.

Tensioni di bus standard: 48VDC e 96VDC, elettrofreno negativo integrato.

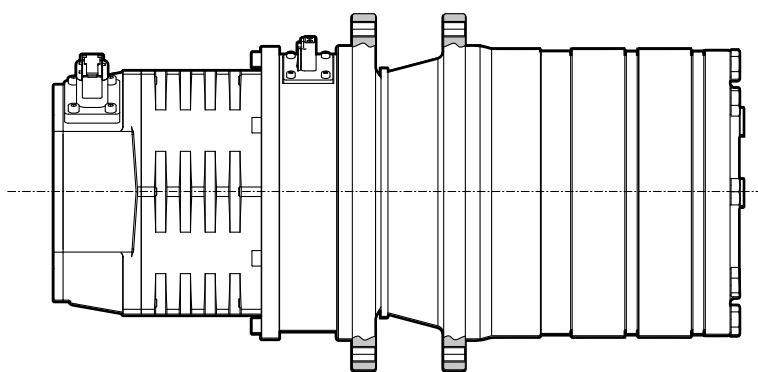
Per altre esecuzioni contattate il nostro reparto tecnico.

The wheel gearboxes of the EH and EW series can also be requested in a version with PMSM permanent magnet synchronous electric motor.

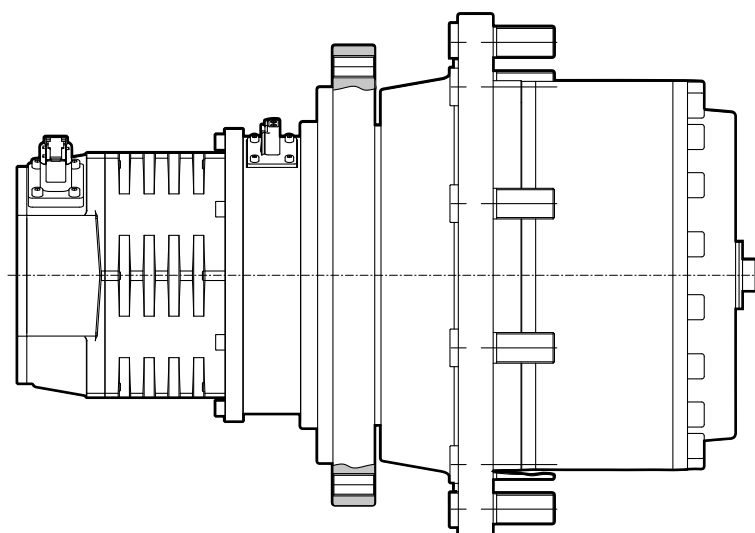
Standard bus voltages: 48VDC and 96VDC, built-in negative electric brake.

For other executions, please contact our technical department.

EHe



EW_e



Disinnesto meccanico / Mechanical Disengagement

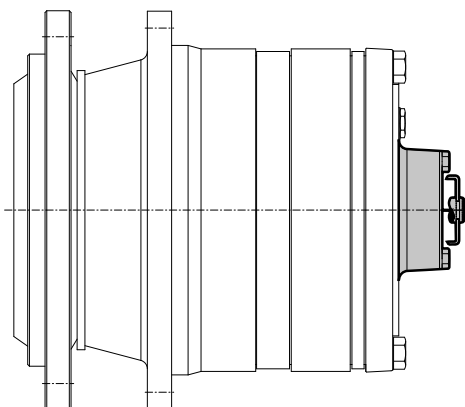
La serie EH e GR possono essere dotate di disinnesto meccanico per rendere trainabile il veicolo sui quali sono installati.

EH and GR series can be equipped with a mechanical release to allow the vehicle to be towed.

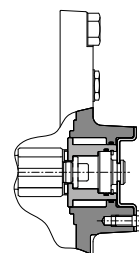
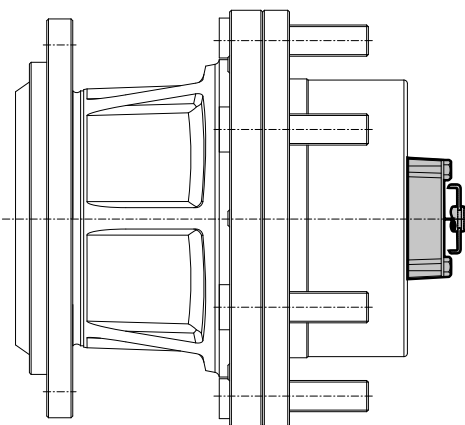
La serie EW è dotata di serie di disinnesto meccanico per rendere trainabile il veicolo sui quali è installata.

EW series is equipped with a mechanical release to allow the vehicle to be towed.

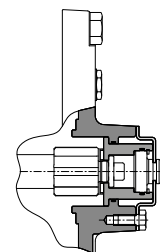
EH S



EH PD

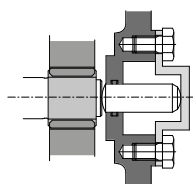
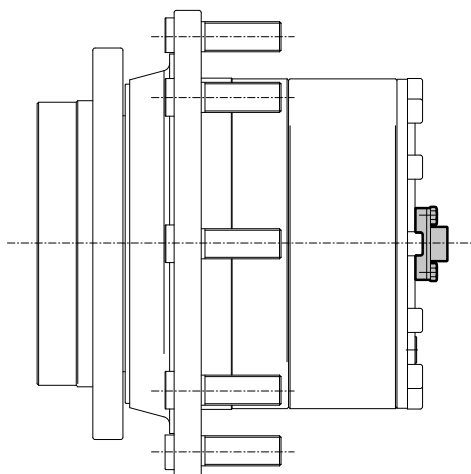


Bloccato
Engaged

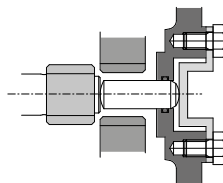


Libero
Disengaged

EW

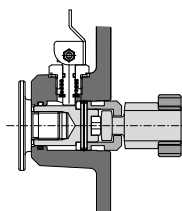
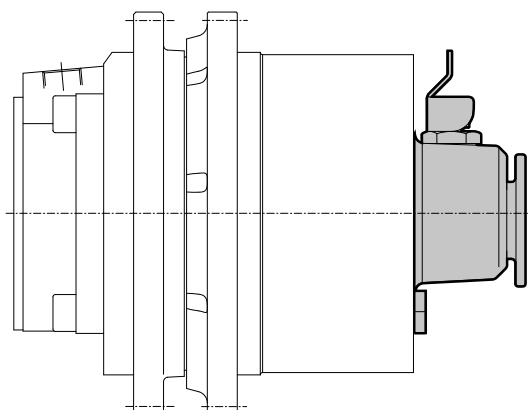


Bloccato
Engaged

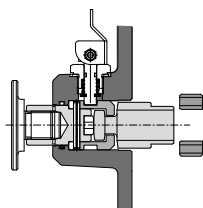


Libero
Disengaged

GR



Bloccato
Engaged



Libero
Disengaged

dinamic oil

WHEEL & TRACK DRIVE

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