MSR *SIZE 640*

REDEX
The Machine Drives Company

Technical Features

PERFORMANCES			
Unit codification			MSR 644
High speed ratio	**i1**		2.00
Low speed ratio	**i2**		9.88
Ratio code	**i**		2010
Nominal output torque (S1-100%)	**T_{2N}**	**[Nm]**	5900
Maximum input speed	**N_{1B}**	**[rpm]**	5000
Inertia @ input (high speed ratio)	**J1h**	**[Kg.mm²]**	122000
Inertia @ input (low speed ratio)	**J1l**	**[Kg.mm²]**	34000
Efficiency at rated input speed	**η**	**%**	94
Weight	**m**	**[kg]**	548
Max radial load output (@131rpm output, in the middle of the shaft)	**Fr**	**[N]**	50000

Technical Features

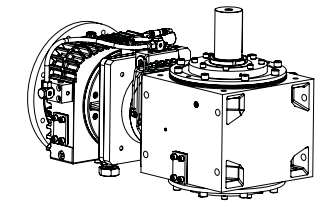
PERFORMANCES				
Unit codification			MSR 646	
High speed ratio	**i1**		2.00	3.00
Low speed ratio	**i2**		7.66	11.49
Ratio code	**i**		2076	3012
Nominal output torque (S1-100%)	**T_{2N}**	**[Nm]**	7000	7000
Maximum input speed	**N_{1B}**	**[rpm]**	5000	5000
Inertia @ input (high speed ratio)	**J1h**	**[Kg.mm²]**	132000	98000
Inertia @ input (low speed ratio)	**J1l**	**[Kg.mm²]**	48000	45000
Efficiency at rated input speed	**η**	**%**	94	94
Weight	**m**	**[kg]**	548	548
Max radial load output (@131rpm output, in the middle of the shaft)	**Fr**	**[N]**	50000	50000

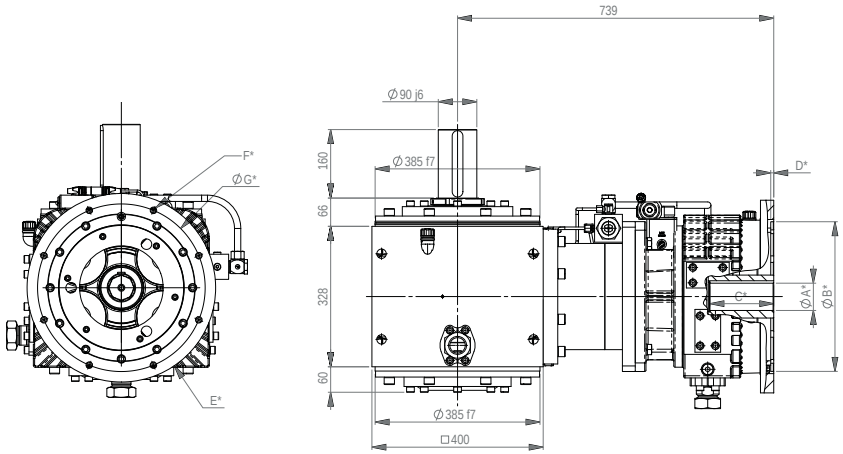
Additional Features

Paint RAL 2002 & RAL 7016			
Speed changer: voltage 24V DC, switching current 200mA at 70°C, cable length 5m			
Key ways following NFE 22.175			
Motor must follow DIN 42955 class R			
Oil inlet interface	**Oi**		1"G
Oil flow rate (input pressure)	**Of**	**[l/min]**	17 (1,5 - 6 bars)
Oil outlet interface	**Oo**		Tube 42mm

DIMENSIONS

INPUT - TYPE A / F
OUTPUT - TYPE D

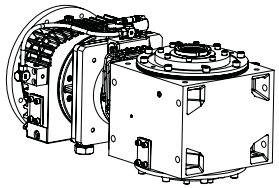


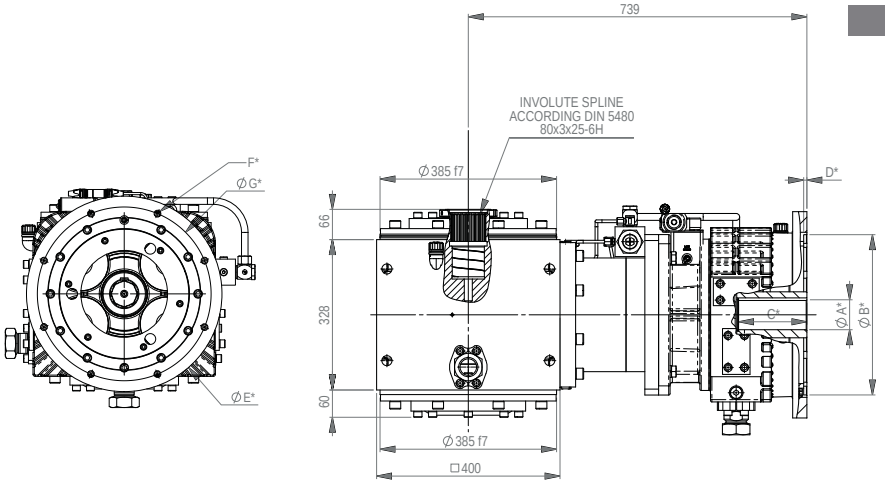


* A B C D E F G According to motor dimensions

DIMENSIONS

INPUT - TYPE A / F
OUTPUT - TYPE H





* A B C D E F G According to motor dimensions