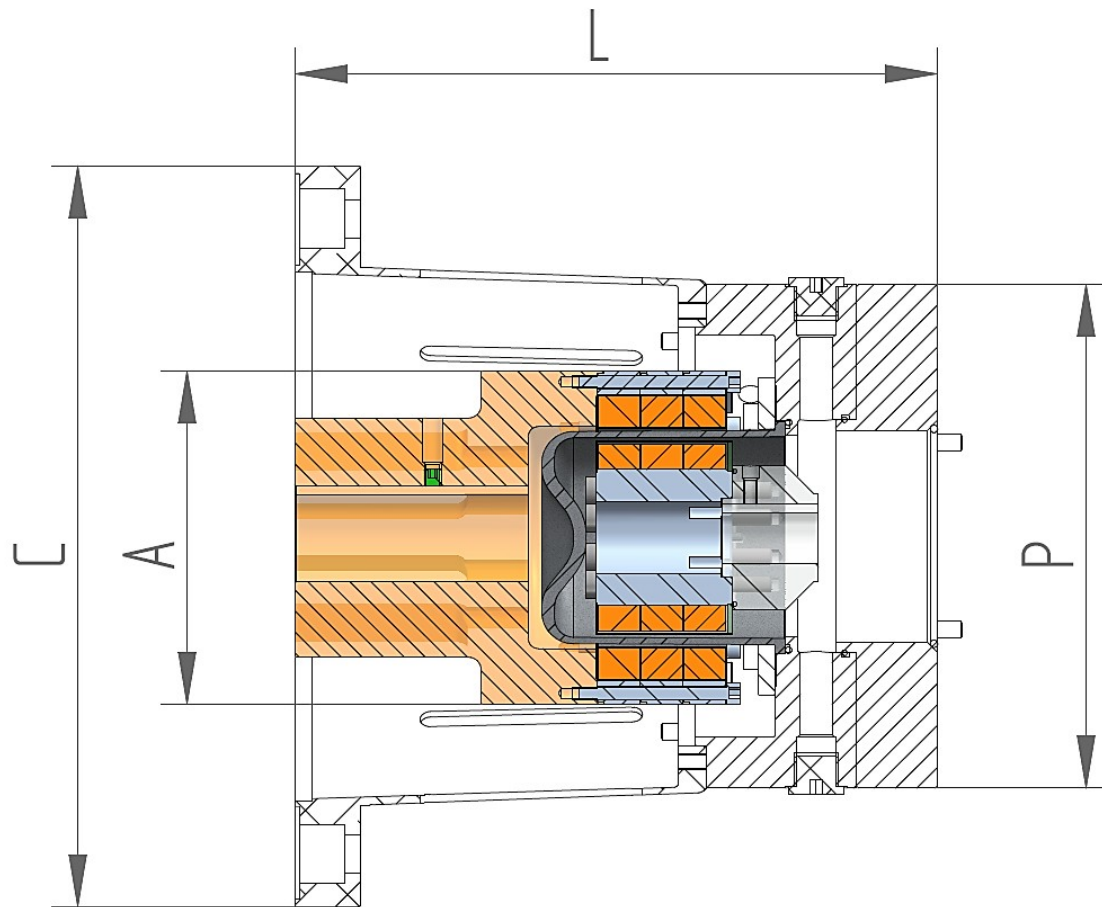


Pos.	Description	Material
1	Bell housing	Aluminum or cast iron
2	External rotor	Stainless steel or Steel
3	Separator locking ring	C40
4	Containment shroud (separator)	AISI 304 or TECHNOPOLYMER (PEEK)
5	Internal rotor	Stainless steel or Steel
6	intermediate flange	Aluminum 6082
7	pump side flange	Aluminum 6082
-	-	-
Magnets	Neodymium (Ne)	maximum temperature : up to 150° C
	Samarium Cobalt (SmCo)	maximum temperature : up to 350° C
-	-	-
Available torque (with Ne and SmCo)	With Ne magnets	From 9,4 up to 580 Nm
	With SmCo magnets	From 6 up to 380 Nm
-	-	-
Coupling Speed	Up to 3600 rpm	(Other values on request)
-	-	-
Pressure into the containment shroud	Stainless Steel AISI 304L or Stainless Steel AISI 316L	max : 65 Bar (Other values on request)
	Technopolymer (peek)	max : 25 Bar (Other values on request)



GME type :		Max torque ~ [Nm] at 20°C Ne Neodymium	Max torque ~ [Nm] at 20°C SmCo Samarium Cobalt	Dimensions [mm]				Electric Motor Size
Coupling Size	n° of magnets Rows			A	L	ØP	ØC	
GR L	1	9,4	6	89	128	128	200	From M.E. 80 Up to M.E. 250
GR 0	1	15,0	9,6	110	212	230	200	
	2	34,0	21,7				200 / 250	
GR 1	2	87,0	55,7	157	285	238	250 / 300	
	3	139,0	88,7				300 / 350	
GR 2	3	206,0	131,8	193	349	280	350 / 350	
	4	281,0	179,8				350 / 400	
GMD GR 3	From 4	From 290,0	From 213,0	-	-	-	-	
	Up to 8	Up to 580,0	Up to 380,0	-	-	-	-	

Notes :
 -The shown dimensions must be considered approximated. The final dimensions will be shown on the 2D and 3D drawing that will be sent you in case of order

The Eddy currents , magnetic hysteresis and hydrodynamic resistance directly effect the overall efficiency of the magnetic coupling. They also generate overheating in the containment shroud (separator). Our company can offer innovative solutions to limit and even completely eliminate this effects.

PEEK containment shroud (separator)

