REVISION HISTORY		
REF.	DATE	DESCRIPTION
(1)	29/10/2025	Added Note 1
		.

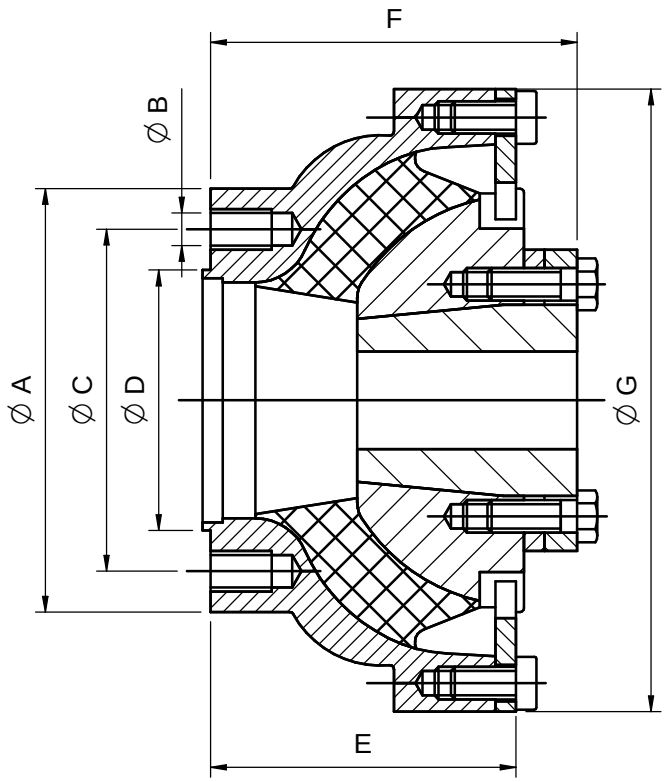
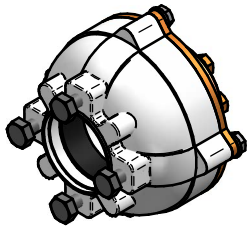


TABLA DE DIMENSIONES Y REFERENCIAS
TABLE OF DIMENSIONS AND PART NUMBERS

Ø	Ø A	Ø B	Ø C	Ø D	E	F	Ø G	f	Gearbox / Inversor	Part./Ref.
25	102	M10	82,5	63,5	75	95	130	2,8	ZF, B. Warner, Technodrive	40025200
25	102	M10	78	50	75	95	130	2,8	Kanzaki, Yanmar	40025201
30	102	M10	82,5	63,5	75	95	130	2,8	ZF, B. Warner, Technodrive	40030200
30	102	M10	78	50	75	95	130	2,8	Kanzaki, Yanmar	40030201
30	127	M10	82,5-108	63,5	97	125	195	5,6	ZF, B. Warner, Technodrive	40030210
35	127	M10	82,5-108	63,5	97	125	195	5,6	ZF, B. Warner, Technodrive	40035200
35	127	M10	78	50	97	125	195	5,6	Kanzaki, Yanmar	40035201



EJEMPLO DE SELECCIÓN
P' = Potencia motor = 40 CV
N = rpm máximas motor = 3000 rpm
R = Reducción inversor = 2:1 = 2

N' = Revoluciones eje = $\frac{N}{R} = \frac{3000}{2} = 1500$ rpm

P = Potencia admisible acoplamiento $P=(\frac{N'}{100})$ x f

$\Rightarrow$ P>P'
Nuestro motor monta un inversor SMI-R3 (ØD=63.5), buscamos en el catálogo el acoplamiento que se ajusta a la brida del inversor. Seleccionamos el 40025200 y determinamos su potencia admisible P.

$P=(\frac{1500}{100})x2.8=42CV > 40CV \Rightarrow$ CORRECTO

SELECTION EXAMPLE
P' = Engine power = 40 CV
N = maximum engine rpm = 3000 rpm
R = Gearbox reduction ratio = 2:1 = 2

N' = Shaft Revolutions = $\frac{N}{R} = \frac{3000}{2} = 1500$ rpm

P = Coupling Permissible Power $P=(\frac{N'}{100})xf \Rightarrow P>P'$
Our engine has an SMI-R3 (ØD=63.5) gearbox, so we look in the catalogue for a coupling that fits the gearbox flange's.
We choose the 40025200 and determine its admissible power P.

$P=(\frac{1500}{100})x2.8=42CV > 40CV \Rightarrow$ CORRECT

Notes
(1) *1. 40030200 could be only assembled in TMC 40 P, TMC 60 P, TMC 60 A, TMC 260, ZF 15 MIV, TTMC35A2, TTMC35P gearboxes.*

FLEXIBLE COUPLING TYPE CENTAFLEX

ACOPLAMIENTO FLEXIBLE TIPO CENTAFLEX

MATERIAL	FINISH	TREATMENT	Remove All Burrs And Sharp Edges	SCALE ./.

DRAWN	MODIFIED	CHECKED	DRAWN DATE	LAST DATE REV.
XAVIER	A.LABORDA	P.IGLESIAS	06/03/2013	29/10/2025

Tolerance Class			
Medium	SOLÉ, S.A.	1731	C