

SHIMPO *Products*

SHIMPO Products

Our expertise exist in total engineering of Driving components and electrical control

■ Power Transmission Equipment

ABLE Reducer



Shimpo Engine

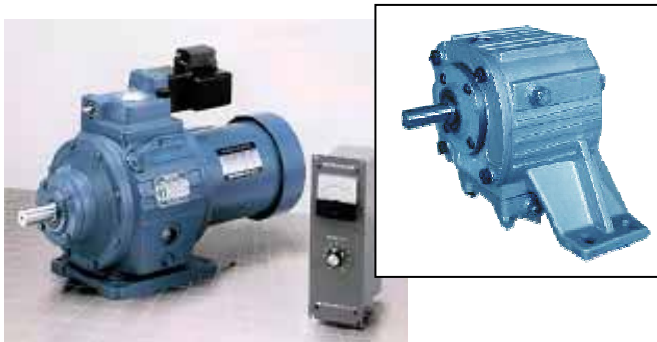


■ Precision Measuring Instruments

Digital Tachometers



RX Traction Drives



■ Power Electronics

Controllers for driver



■ BLDC Motor & Driver



ABLE SERVO SPEED REDUCER

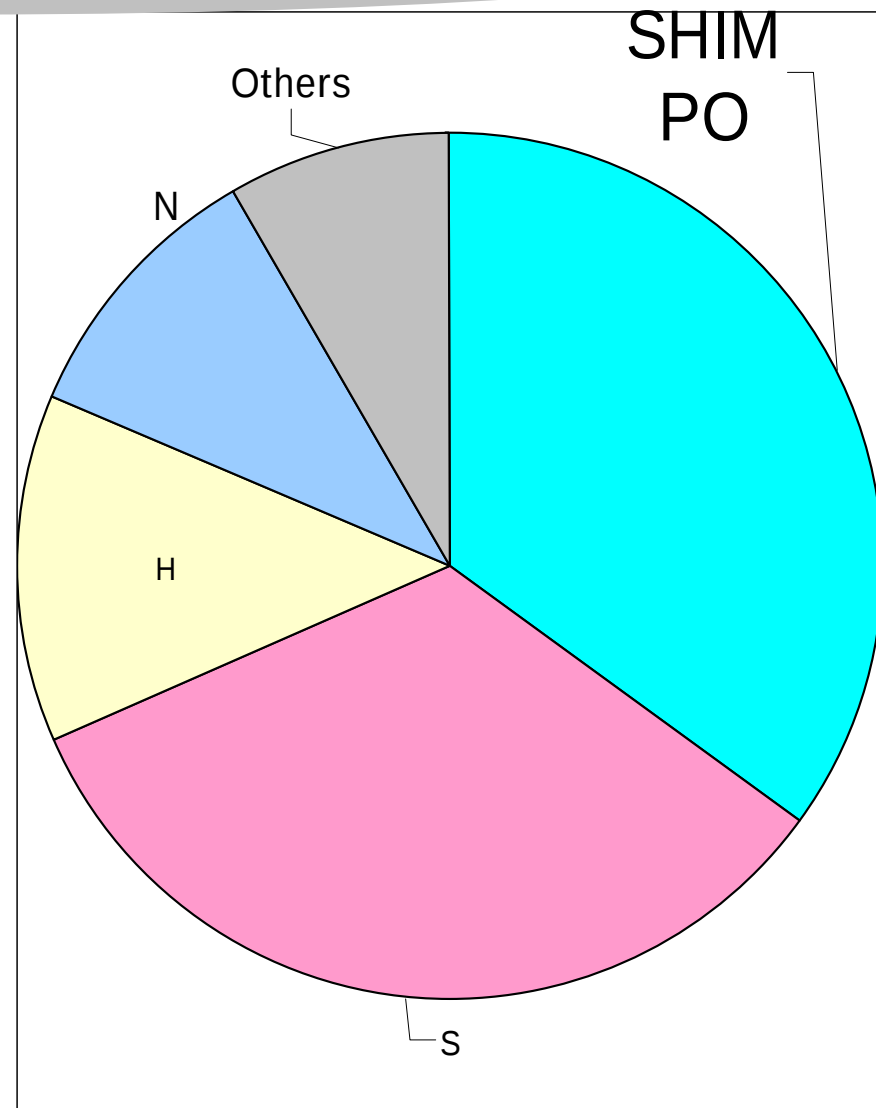
For Servo Motor



Market share in Japan in 2004

Able servo speed reducer No.1!!

	for multipurpose servo motor	
	Quantity(units)	Market Share (Quantity base)
SHIMPO	84,000	35%
S	80,000	33%
H	31,000	13%
N	25,000	10%
Others	20,000	8%
計	240,000	100%



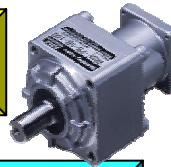
Series of Able speed reducer

In-Line VR Series

VRAF Series

Adapter flange type for various servo motors in the world

VR Series



SHIMPO standard model.

VRSF Series

Input part: Clamp Tightening (Applicable to with & without keyway servo motor)

VRKF series

Coupling (Straight shaft , with keyway)

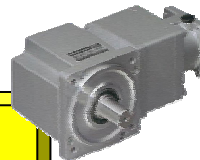
VRHF Series



Hi-torque model
Output part: Flange type only.

Right angle Series

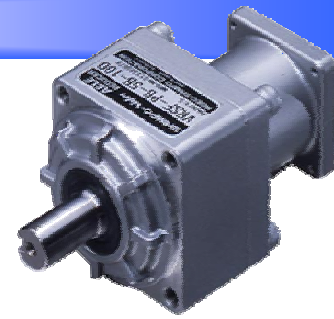
NEV Series



Right angle speed reducer developed specially for servo motor.

Out put : Solid shaft type and Hollow shaft type

ABLE speed reducer variation



Reduction ratio line up

	1/2	1/3	1/4	1/5	1/7	1/9	1/10
VR Series							
NEV Series							



Standard model



Semi-standard model

	1/11	1/12	1/15	1/16	1/20	1/21	1/25	1/28	1/33	1/35	1/45	1/81	1/105
VR Series													
NEV Series													

Reduction ratio variation: VR Series 19 / NEV Series 6

ABLE Speed Reducer

Easy Coupling

Quiet

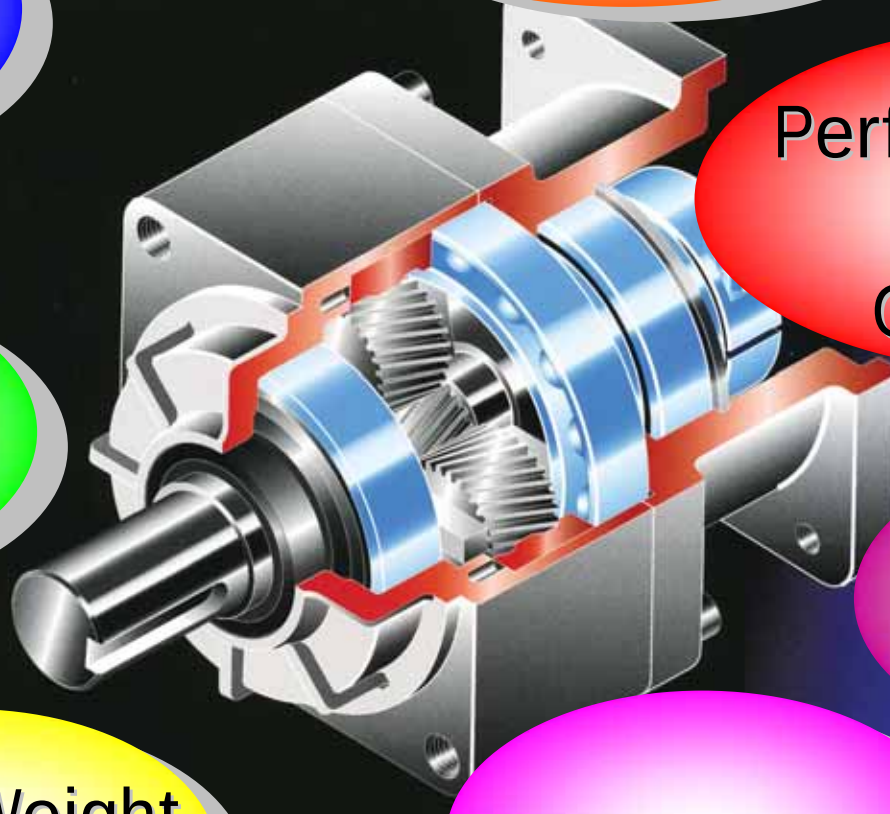
Perfect Protection
Against
Oil Leakage

Low Speed
Fluctuation

Economical
Price

Light Weight
Compact

Short Delivery



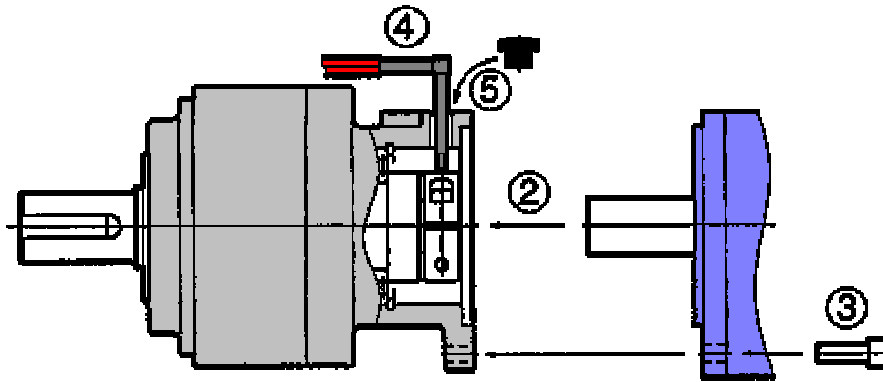
■ Easy coupling



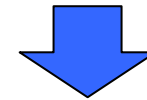
VRSF type is applicable for servo motors by Matsushita Electric, Fanuc, Mitsubishi, Sanyo, Yasukawa etc



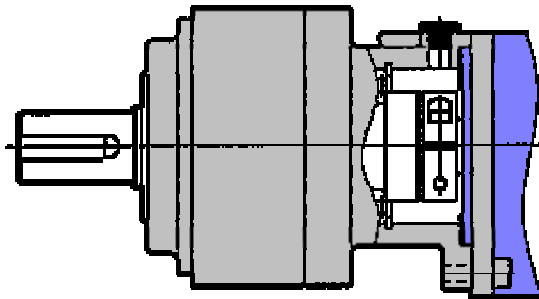
■ Coupling method



Insert a motor shaft, then
tighten 4 bolts



Input shaft clamp bolt shall be
tightened at a decided
torque. Then put a rubber cap



No adjustment is required for motor coupling
(Only torque control is required for the clamp bolt)

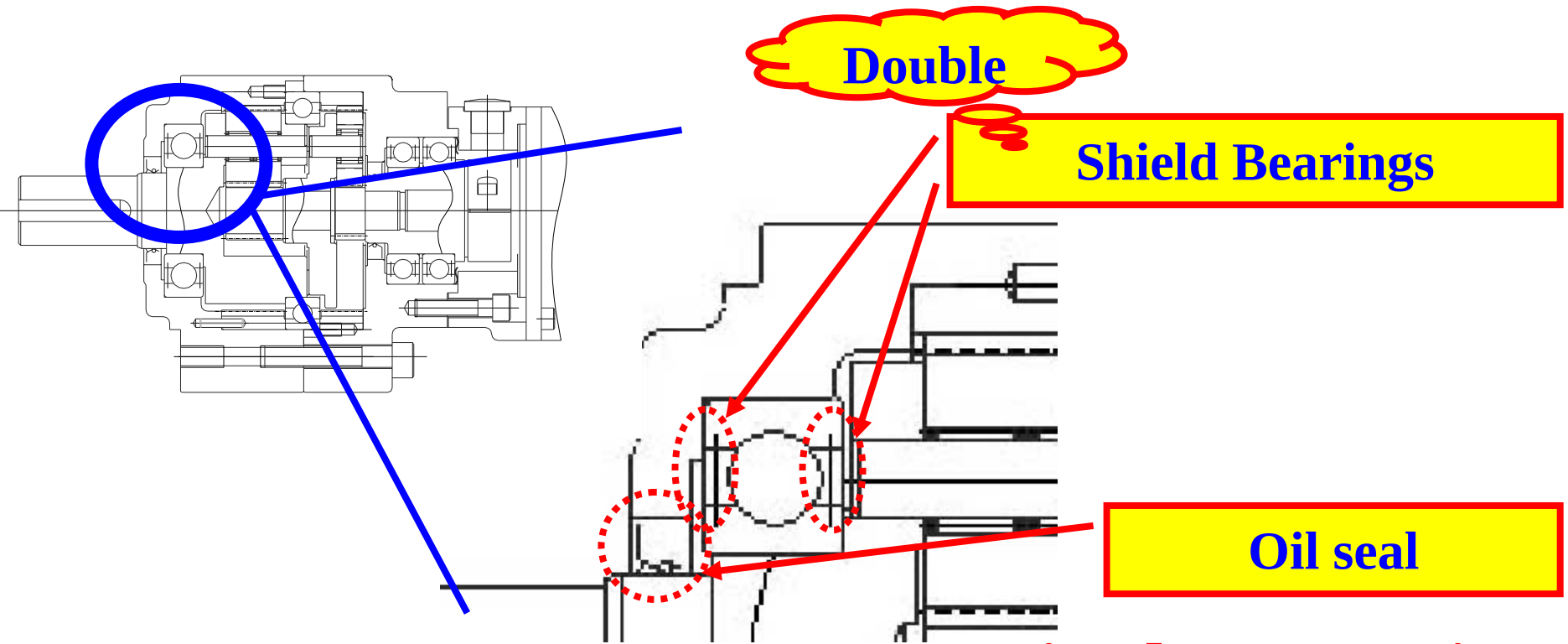
Centering of the motor shaft can be made easily

■ Perfect protection against oil leakage

■ Output shaft portion

Oil seal + double shield bearings

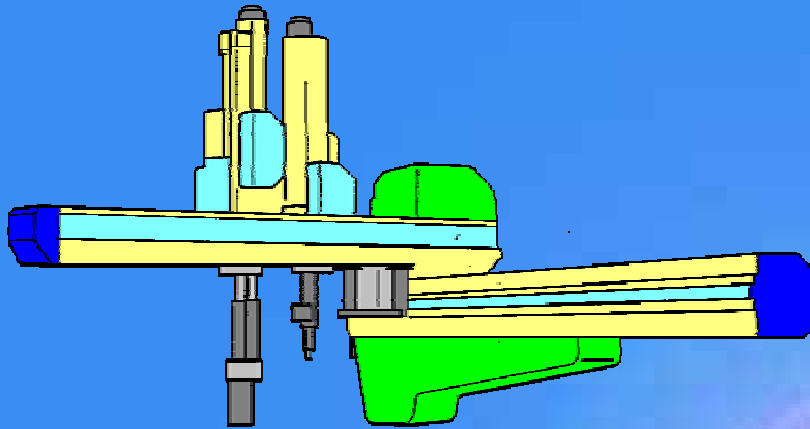
Triple Protection



Competitors' are with Oil seal only

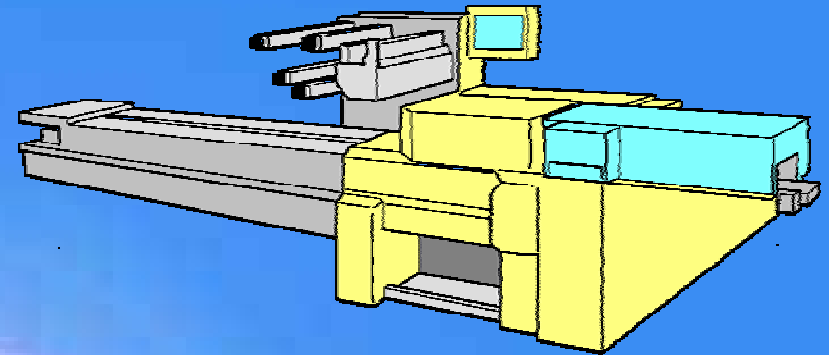
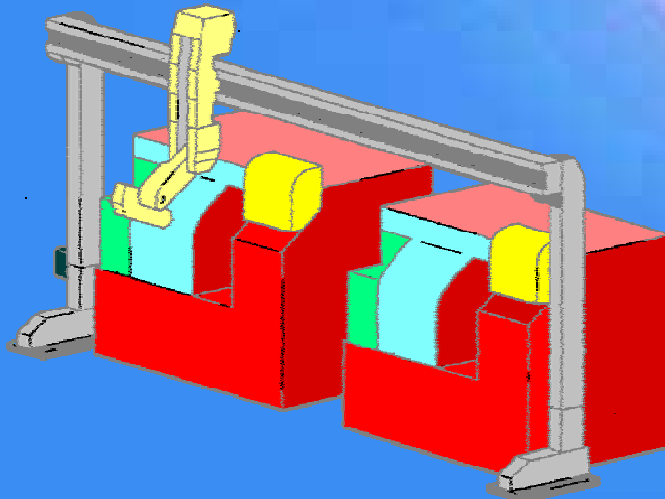
Single Protection

■ Application



■ *Gantry Robot*

■ *Loader Robotine*



■ *Packaging machine*

■ *Printing machine*

