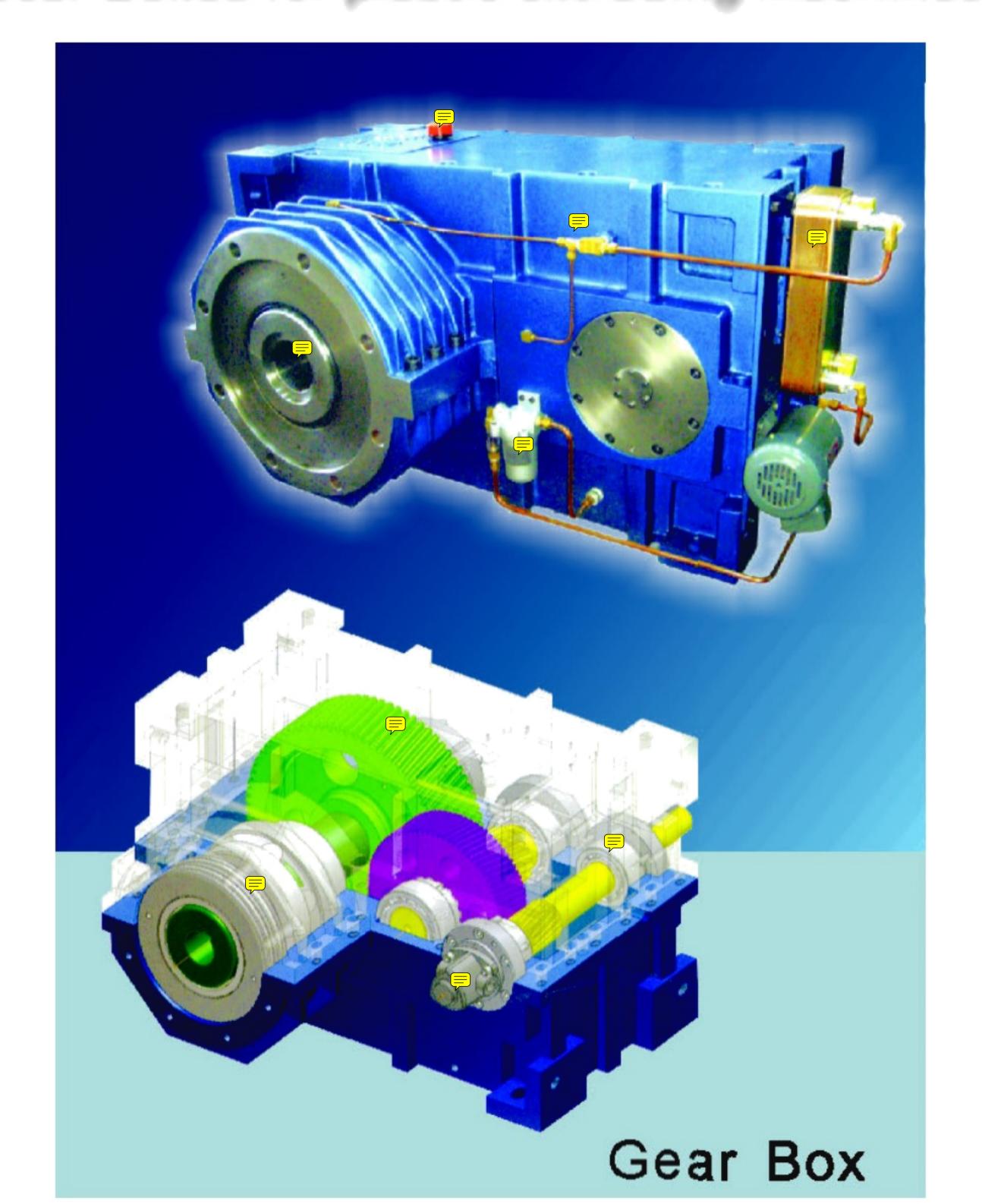
Gear Boxes for plastic extruding machines



SPECIFICATION FOR for Three-axis gear box

Туре	Anti-Thrust Bearing	Max Horsepower	Screw Dia (mm)	Output Shaft I.D (mm)	Input Shaft O.D (mm)	Input Shaft Torque (kg-m)	Standar	Gear Rati rd	o Max.	Center From Ground	Remark
SLF 5	29412	7.5HP/5.7KW	15~25	10~25	22	6	20:1	25:1	30:1	120	L
SLF10	29414	15HP / 12 KW	30~40	20~35	28	9	20:1	25:1	30:1	155	L
SLF20	29416	25HP/19KW	40~50	30~40	30	12	20:1	25:1	30:1	175	L
SLF40	29422	40HP / 30 KW	45~65	40~60	40	23	20:1	25:1	30:1	200	C · L
SLF50	29424	50HP / 38KW	65~75	50~70	50	36	20:1	25:1	30:1	240	C 、 F 、 L
SLF75	29426	75HP / 57 KW	75~90	60~80	55	50	20:1	25:1	30:1	260	$C \cdot F \cdot L \cdot H$
SLF100	29428	100HP / 75 KW	85~100	70~90	60	60	20:1	25:1	30:1	285	$C \cdot F \cdot L \cdot H$
SLF200	29436	200HP/150KW	120~150	90~110	85	121	20:1	25:1	30:1	375	$C \cdot F \cdot L \cdot H$

Remarks:

- 1. Type of selection is subject to max horsepower and thrust-bearing mainly. (Dia of Screw is for reference only.)
- 2. Standard Gear Ratio 20:1 25:1 30:1.
 - Other gear ratio is also available upon request.
- 3. Steel Grade: shaft by Forged SNCM220 (AISI 8620, DIN 17CrNiMo6), output shaft by SCM440 (AISI 4140, DIN 40 CrMo4), gear and pinion by SCM415 (AISI 4115, DIN 20CrMo5).
- 4. Gear grinding precision at class JIS 0~2.
- 5. All Bearing: SKF Sweden / FAG Germany
- 6. All Seal location with hard-chrome plating.
- 7. All seal: NOK Japan
- 8. Casing: FC25
- 9. Cooling: built-in cooling filter system and plate type heat-exchanger.

- 10. In-house test and inspection: noise below 85 dB and vibration less than 2 mm/ sec.
- 11. In case of directly coupling with motor, the additional motor fixed flange and coupling are needed.
- 12. C: inside cooling pipe, (Note: included for SLFA and SLFC only which output force from right-hand or left-hand.

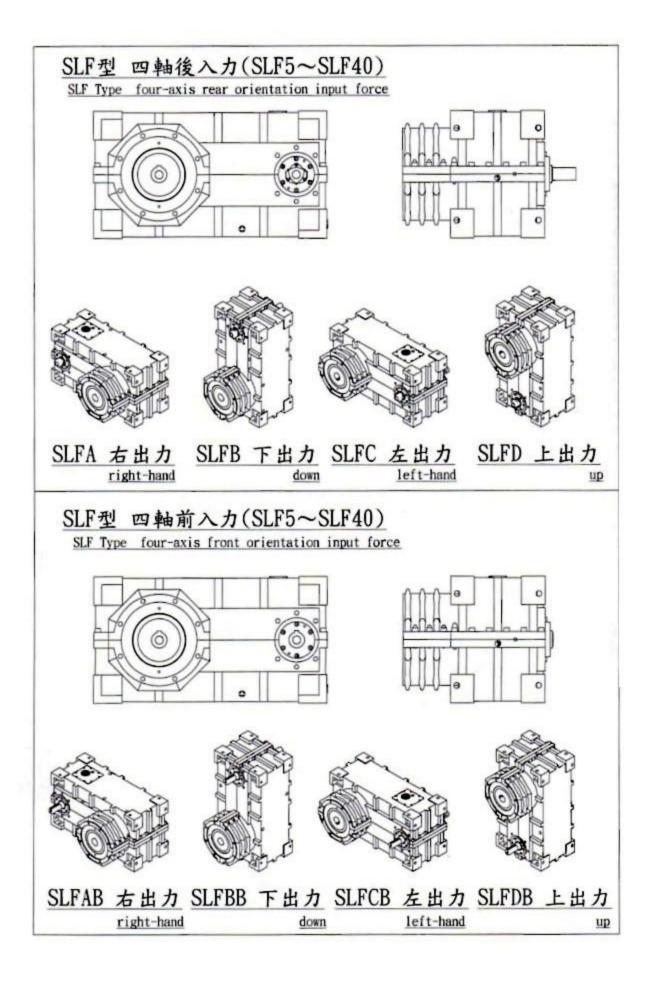
Inside cooling pipe is not included for SLFB and SLFD which output force from bottom or top to avoid accumulation of impurity)

F: oil filter,

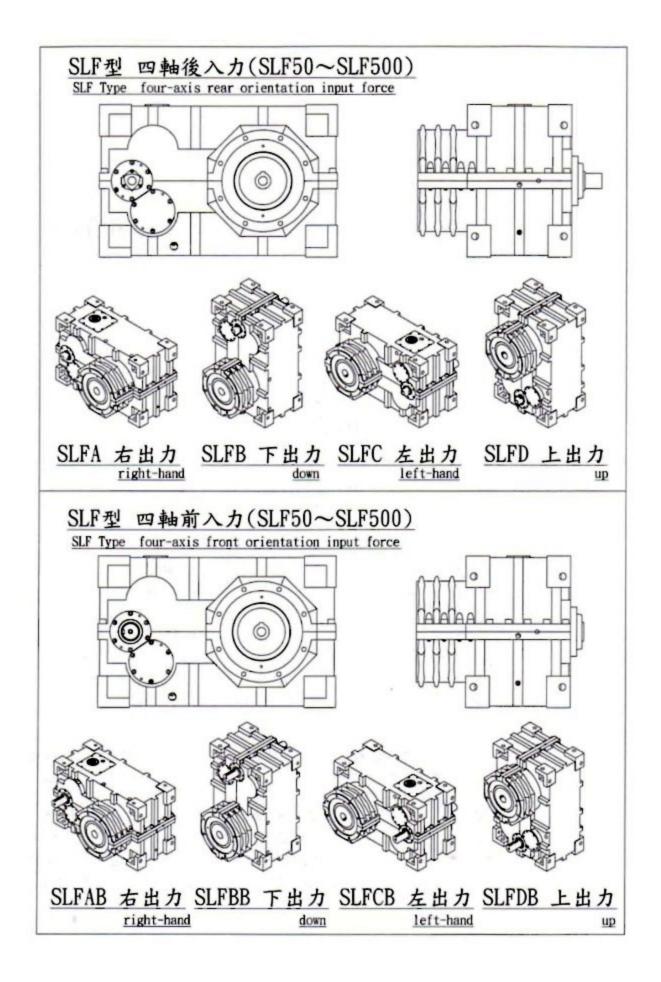
L: pump forced lubrication for all of bearings,

H: plate type heat-exchanger (SLF10~SLF50 can purchase additional plate type heat-exchanger as request.)

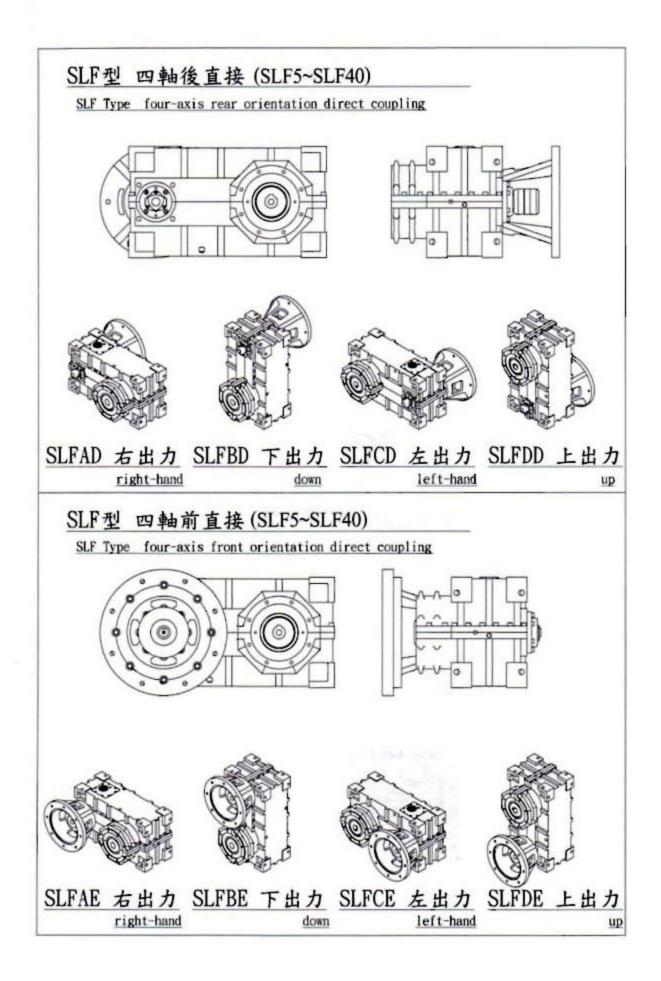
- 13. Above specification is for four-axis gear box only.
- 14. Three-axis is also available upon request by a separate specification. (SL type)
- 15. Input force of either Front orientation or Rear orientation is available, please refer to the specification of outline dimensions separately.
- 16. Input force of rear orientation by direct coupling is available, please refer to the specification of outline dimensions separately.

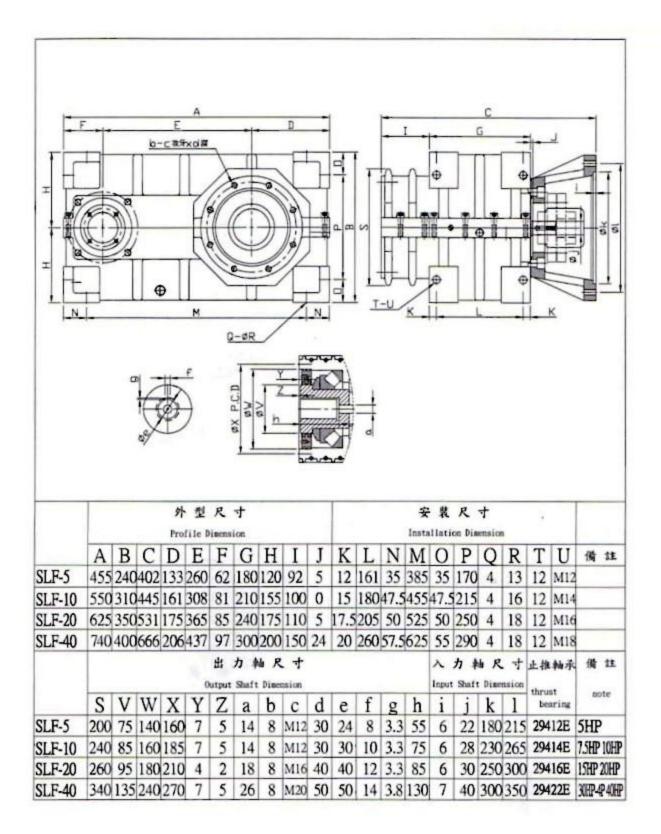


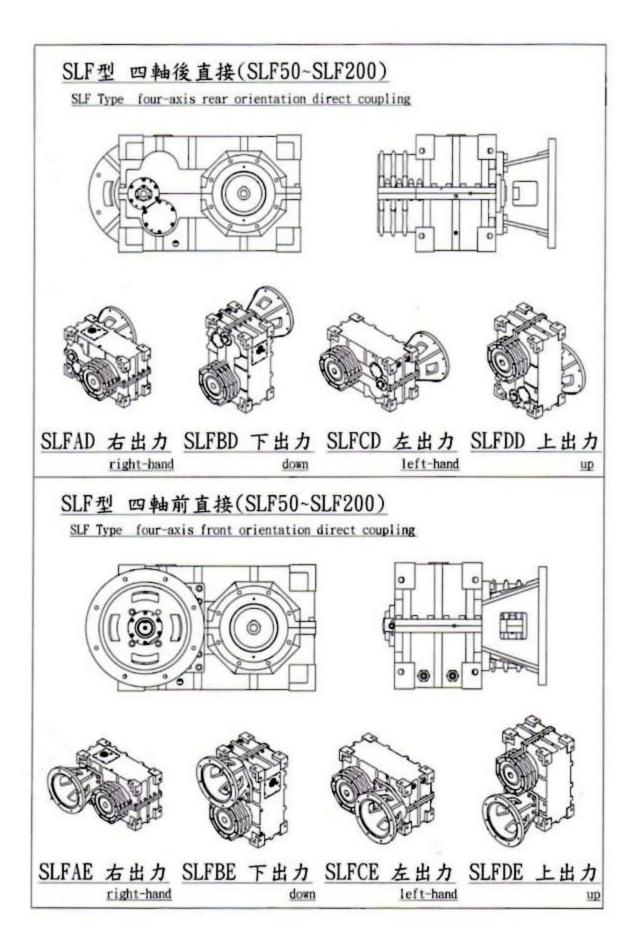
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