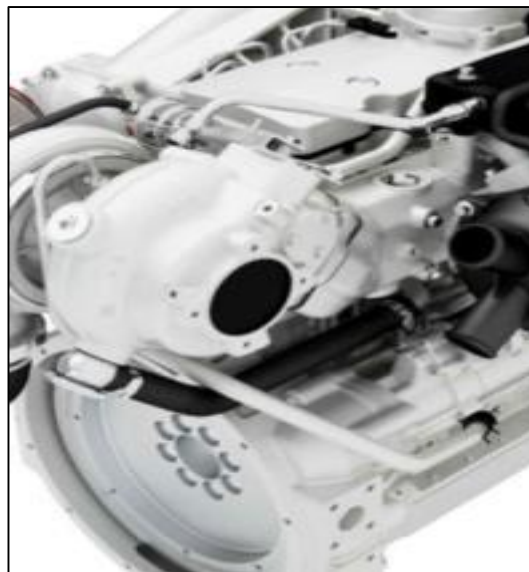




# Cummins QSB6.7 + Konrad 620 ~ 680

## 新一代“船內外機”動力系統



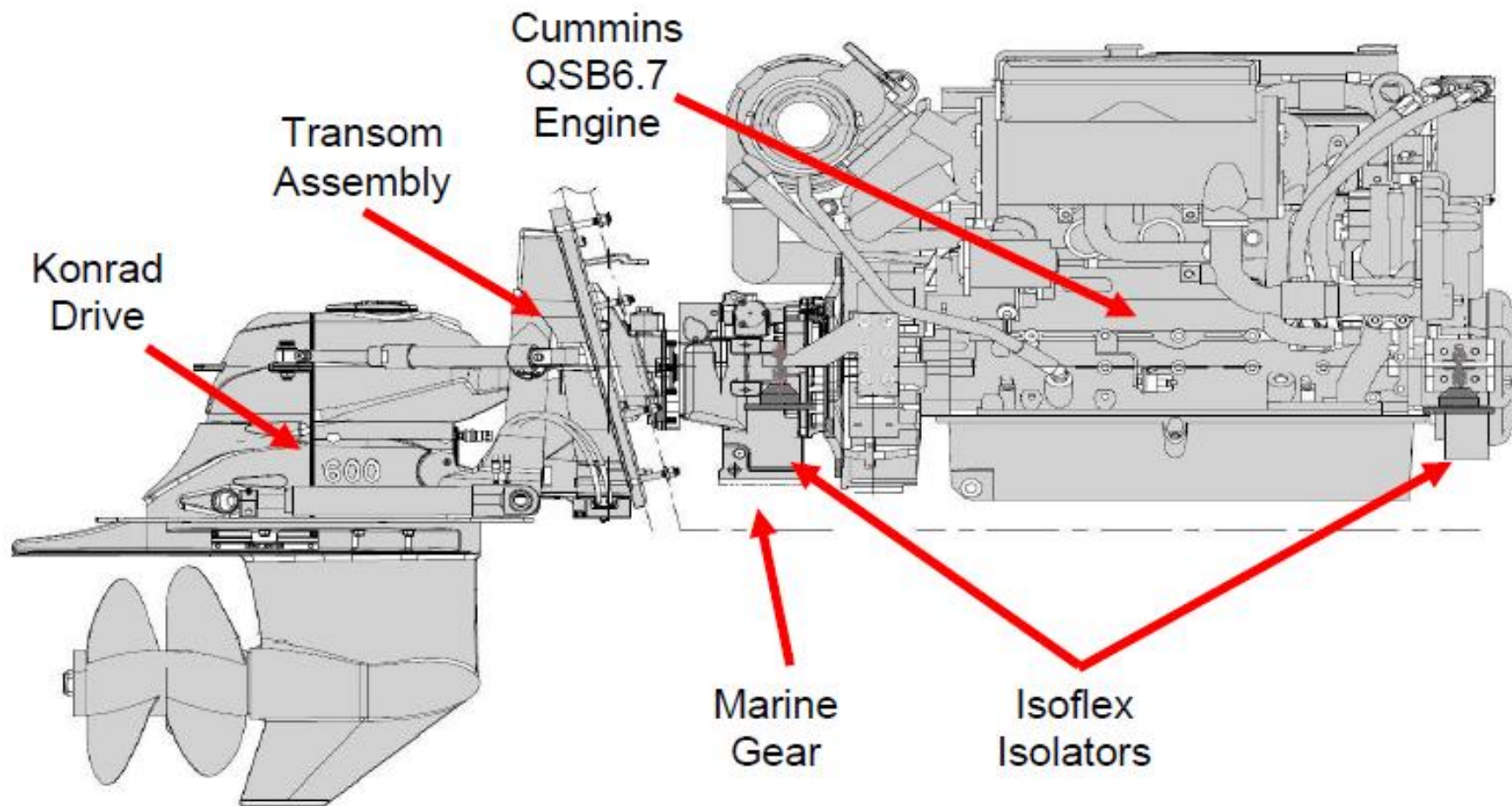
# Cummins QSB6.7 + Konrad 620 ~ 680 動力組合

Engine Model	mHp	RPM	Rating
QSB6.7	230	3000	ID
	250	2600	HD/HO
	305	2600	MD/HO
	355	2800	ID/HO
	380	3000	ID/HO
	425	3000	HO

Konrad Drive	Boat weight rating
620	Under 13000 lbs per drive
660	Under 11000 lbs per drive
680	10000 ~ 18500 lbs per drive



# Cummins 動力+ Konrad 傳動輸出



# Cummins + Konrad 性能對照表

Engine Model	Engine mHP	Engine Rating	Engine RPM	Torque lb.-ft max rpm	Drive Duty Rating			Trans. Model	Trans. Ratio	Drive Model	Drive Ratio	C.Coupled Option	Vertical Offset	Maximum Rated Speed
					HP*	LC*	MC*							
QSB 6.7	230	ID	3000	403			X	K L-H	1:1	620	1.27-1.98	Yes	No	40 kts
QSB 6.7	230	ID	3000	403			X	K L-H	1:1	660	1.23-1.94	Yes	No	50 kts
QSB 6.7	230	ID	3000	403			X	K L-H	1:1	680	1.24-1.94	Yes	No	40 kts
QSB 6.7	250	HD	2600	505			X	K L-H	1:1	620	1.27-1.98	Yes	No	40 kts
QSB 6.7	250	HD	2600	505			X	K L-H	1:1	660	1.23-1.94	Yes	No	50 kts
QSB 6.7	250	HD	2600	505			X	K L-H	1:1	680	1.24-1.94	Yes	No	40 kts
QSB 6.7	305	MD	2600	616		X		K L-H	1:1	620	1.27-1.98	Yes	No	40 kts
QSB 6.7	305	MD	2600	616		X		K L-H	1:1	660	1.23-1.94	Yes	No	50 kts
QSB 6.7	305	MD	2600	616		X		K L-H	1:1	680	1.24-1.94	Yes	No	40 kts
QSB 6.7	355	ID	2800	655		X		K L-H	1:1	620	1.27-1.98	Yes	No	40 kts
QSB 6.7	355	ID	2800	655		X		K L-H	1:1	660	1.23-1.94	Yes	No	50 kts
QSB 6.7	355	ID	2800	655		X		K L-H	1:1	680	1.24-1.94	Yes	No	40 kts
QSB 6.7	380	ID	3000	665		X		K L-H	1:1	620	1.27-1.98	Yes	No	40 kts
QSB 6.7	380	ID	3000	665		X		K L-H	1:1	660	1.23-1.94	Yes	No	58 kts
QSB 6.7	380	ID	3000	665		X		K L-H	1:1	680	1.24-1.94	Yes	No	45 kts
QSB 6.7	425	HO	3000	744	X			K L-H	1:1	620	1.27-1.98	Yes	No	40 kts
QSB 6.7	425	HO	3000	744	X			K L-H	1:1	660	1.23-1.94	Yes	No	58 kts
QSB 6.7	425	HO	3000	744	X			K L-H	1:1	680	1.24-1.94	Yes	No	45 kts

Descriptions: \* (HP=high performance, LC = Light commercial, MC= Medium commercial)





# Konrad 620 ~ 680 特性

## DURABLE

Considered the workhorse of the fleet, the 620 is a dependable, robust drive. By combining Konrad's proven, single 20 inch (51 cm) propeller technology with stronger shafts and gears, the 620 has set a new standard for stern drive durability.

620



## FAST

For performance driven applications, such as extreme government patrol or sports leisure boating, the 660 is built to meet your demand for speed. With dual, counter rotating 16 inch (41 cm) propellers, this drive is designed for 7 - 15 meter (23 - 50 foot) vessels with speeds up to 60 knots (70 mph).

660



## STRONG

Engineered with the largest, strongest gears in the industry, the 680 gives you efficient carrying capacities up to 8.4 metric tons (over 18,500 lbs.) per drive. This model operates with extreme efficiency in the 40 knot (46 mph) range and sports dual 20 inch (51 cm) counter rotating propellers.

680



# Cummins + Konrad 應用實績



<b>Application and Usage</b>	Recreational 200 hours annually
<b>Engine</b>	2X Cummins QSB
<b>Power</b>	2X 480 hp @ 3,400 RPM
<b>Transmission</b>	2X ZF280-1
<b>Ideal Stern Drive</b>	2X Konrad 660
<b>Performance</b>	42 kts (48 mph)
<b>LOA and Weight</b>	13.6 m (45 ft) 9.1 metric tons (20,000 lbs)



<b>Application and Usage</b>	Military, Harbor Patrol 1,000 hours annually
<b>Engine</b>	2X Cummins QSB
<b>Power</b>	2X 355 hp @ 2,800 RPM
<b>Transmission</b>	2X ZF280-1
<b>Ideal Stern Drive</b>	2X Konrad 620
<b>Performance</b>	32 kts (37 mph)
<b>LOA and Weight</b>	15 m (49 ft) 9.5 metric tons (20,944 lbs)



<b>Application and Usage</b>	Pilot Transport 1,500 hours annually
<b>Engine</b>	2X Cummins QSB
<b>Power</b>	2X 425 hp @ 3,000 RPM
<b>Transmission</b>	2X ZF280-1
<b>Ideal Stern Drive</b>	2X Konrad 680
<b>Performance</b>	34 kts (39 mph)
<b>LOA and Weight</b>	12.8 m (42 ft) 9.0 metric tons (19,841 lbs)





# Cummins 遊艇引擎 - 系統整合商



電子式操車器



手持式遠端操車器



主機機側控制盤



引擎儀表：轉速、水溫、油壓、  
電瓶電壓



引擎數位(7吋 觸控)  
資訊顯示器



Konrad 620~680  
船內外機



*Thank You!*