

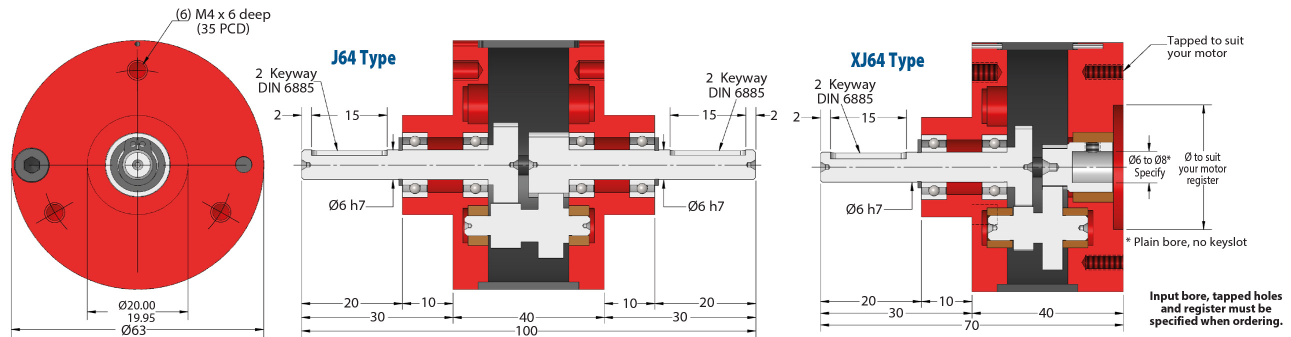
J64
XJ64

GEARBOXES

Inline Spur Gear Reducers

6mm Double or Single Shaft, 0.57 - 2.25 Nm **1:1 - 16:1**

J64
XJ64



Part Number		Ratio	Efficiency at 1000 Rpm	Nm Output at 1000 Rpm	Standard Direction
J64-2	XJ64-2	2:1	92%	0.99	Same
J64-3	XJ64-3	3:1	92%	0.96	Same
J64-4	XJ64-4	4:1	92%	0.85	Same
J64-6	XJ64-6	6:1	92%	1.00	Same
J64-10	XJ64-10	10:1	92%	0.90	Same
J64-12	XJ64-12	12:1	92%	1.04	Same
J64-16	XJ64-16	16:1	92%	1.07	Same
J64-SP	XJ64-SP	1:1 - 16:1	Special Ratios : Replace SP with required ratio		

J64 Weight: 0.3 kg.
 Backlash: Depends on ratio.
 Max. Input Speed: 4,000 Rpm.
 Greased for Life: Shell Gadus S5 V42P 2.5.
 Max. Overhung and Thrust Loads at 1000 Rpm:
 Output Overhung Load (F_{xa}) = 5 kg. Output Thrust Load (F_a) = 5 kg.
 Shaft Keys: KK2-14.
 Testing in your application is necessary.
 You will need to assess duty cycles and confirm gearbox suitability with your own calculations.
 All figures listed are to be used for guidance only.

Output Torque Nm

RPM Input	Reduction Ratio						
	2:1	3:1	4:1	6:1	10:1	12:1	16:1
4000	0.66	0.64	0.57	0.75	0.70	0.79	0.80
2000	0.84	0.81	0.72	0.88	0.81	0.90	0.92
1000	0.99	0.96	0.85	1.00	0.90	1.04	1.07
500	1.13	1.10	0.98	1.14	1.01	1.17	1.21
200	1.32	1.28	1.14	1.35	1.20	1.39	1.43
100	1.50	1.45	1.30	1.53	1.33	1.58	1.65
50	1.68	1.63	1.46	1.68	1.53	1.81	1.90
10	2.00	1.95	1.74	2.00	1.80	2.10	2.25