

717 Series • 1.0 S.F. • Aluminum Case • 1750 RPM Input



Basic Motorized
Quill Input Reducer



Basic Non-Motorized
Input Reducer

Output Speed (RPM)	Output Torque (lb-in.)	Input HP	Ratio	Output* OHL (lbs.)	NON-MOTORIZED	MOTORIZED QUILL INPUT	
					Basic Reducer Catalog Number**	Motor Frame	Basic Reducer Catalog Number**
52	798	0.71	33.50	459	P7173017.XX	56C	P7173001.XX
46	798	0.62	38.34	478	P7173018.XX	56C	P7173002.XX
40	798	0.55	43.69	495	P7173019.XX	56C	P7173003.XX
35	798	0.47	50.64	510	P7173020.XX	56C	P7173004.XX
33	798	0.44	53.40	520	P7173021.XX	56C	P7173005.XX
29	798	0.39	61.22	525	P7173022.XX	56C	P7173006.XX
28	798	0.38	62.00	532	P7173023.XX	56C	P7173007.XX
25	798	0.34	70.95	540	P7173024.XX	56C	P7173008.XX
24	798	0.32	73.33	540	P7173025.XX	56C	P7173009.XX
23	798	0.31	74.50	540	P7173026.XX	56C	P7173010.XX
20	798	0.27	86.80	540	P7173027.XX	56C	P7173011.XX
18	798	0.25	96.85	540	P7173028.XX	56C	P7173012.XX
17	798	0.23	102.80	540	P7173029.XX	56C	P7173013.XX
15	798	0.20	126.40	540	P7173030.XX	56C	P7173014.XX
13	798	0.18	135.69	540	P7173031.XX	56C	P7173015.XX
10	798	0.14	165.20	540	P7173032.XX	56C	P7173016.XX

*Overhung load is calculated at centerline of output shaft.
**Catalog numbers are for basic reducer without base or output flange.

WHEN ORDERING, SUBSTITUTE THE XX SUFFIX WITH REQUIRED MOD-SQUAD CODE. FOR AVAILABLE INTERCHANGE BASE AND OUTPUT FLANGE CODES SEE PAGES 52-55.

SELECT REDUCER MOUNTING POSITION ON PAGE 60

IN THIS CATALOG

RPM = Revolutions Per Minute
HP = Horsepower
TQ = Torque (lb-in.)
OHL = Overhung Load In Pounds At Centerline Of Output Shaft With No Thrust Load.
TL = Thrust Load (lbs.) - Output Shaft

727 Series • 1.0 S.F. • Aluminum Case • 1750 RPM Input

Output Speed (RPM)	Output Torque (lb-in.)	Input HP	Ratio	Output* OHL (lbs.)	NON-MOTORIZED	MOTORIZED QUILL INPUT
					Basic Reducer Catalog Number**	Motor Frame Basic Reducer Catalog Number**
52	1189	1.06	33.50	645	P7273017.XX	56C P7273001.XX
46	1118	0.87	38.34	663	P7273018.XX	56C P7273002.XX
40	1189	0.81	43.69	674	P7273019.XX	56C P7273003.XX
35	1189	0.70	50.64	674	P7273020.XX	56C P7273004.XX
33	1162	0.64	53.40	674	P7273021.XX	56C P7273005.XX
29	1189	0.58	61.22	674	P7273022.XX	56C P7273006.XX
28	1162	0.55	62.00	674	P7273023.XX	56C P7273007.XX
25	1189	0.50	70.95	674	P7273024.XX	56C P7273008.XX
24	1118	0.46	73.33	674	P7273025.XX	56C P7273009.XX
23	1162	0.46	74.50	674	P7273026.XX	56C P7273010.XX
20	1162	0.39	86.80	674	P7273027.XX	56C P7273011.XX
18	1189	0.37	96.85	674	P7273028.XX	56C P7273012.XX
17	1171	0.34	102.80	674	P7273029.XX	56C P7273013.XX
15	1162	0.29	126.40	674	P7273030.XX	56C P7273014.XX
13	1189	0.26	135.69	674	P7273031.XX	56C P7273015.XX
10	1162	0.21	165.20	674	P7273032.XX	56C P7273016.XX

*Overhung load is calculated at centerline of output shaft.
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RPM = Revolutions Per Minute
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747 Series • 1.0 S.F. • Aluminum Case • 1750 RPM Input



Basic Motorized
Quill Input Reducer



Basic Non-Motorized
Input Reducer

Output Speed (RPM)	Output Torque (lb-in.)	Input HP	Ratio	Output* OHL (lbs.)	NON-MOTORIZED	MOTORIZED QUILL INPUT	
					Basic Reducer Catalog Number**	Motor Frame	Basic Reducer Catalog Number**
52	2396	2.10	34.01	918	P7473045.XX	56C 143-5TC	P7473001.XX P7473023.XX
44	2396	1.80	39.79	988	P7473046.XX	56C 143-5TC	P7473002.XX P7473024.XX
37	2396	1.51	47.22	1028	P7473047.XX	56C 143-5TC	P7473003.XX P7473025.XX
32	2396	1.31	54.73	1041	P7473048.XX	56C 143-5TC	P7473004.XX P7473026.XX
31	2396	1.25	57.13	1050	P7473049.XX	56C 143-5TC	P7473005.XX P7473027.XX
26	2396	1.08	66.22	1075	P7473050.XX	56C 143-5TC	P7473006.XX P7473028.XX
25	2396	1.01	71.01	1079	P7473051.XX	56C 143-5TC	P7473007.XX P7473029.XX
23	2396	0.93	76.69	1091	P7473052.XX	56C 143-5TC	P7473008.XX P7473030.XX
21	2396	0.87	82.30	1091	P7473053.XX	56C 143-5TC	P7473009.XX P7473031.XX
21	2396	0.86	83.59	1091	P7473054.XX	56C 143-5TC	P7473010.XX P7473032.XX
19	2396	0.77	92.78	1102	P7473055.XX	56C	P7473011.XX
17	2396	0.68	104.68	1112	P7473056.XX	56C	P7473012.XX
15	2396	0.61	117.22	1124	P7473057.XX	56C	P7473013.XX
14	2396	0.56	126.65	1130	P7473058.XX	56C	P7473014.XX
13	2396	0.53	135.74	1136	P7473059.XX	56C	P7473015.XX
12	2396	0.49	145.68	1150	P7473060.XX	56C	P7473016.XX
11	2396	0.45	157.40	1168	P7473061.XX	56C	P7473017.XX
11	2396	0.44	164.23	1186	P7473062.XX	56C	P7473018.XX
9.4	2396	0.39	185.29	1186	P7473063.XX	56C	P7473019.XX
8.6	2396	0.35	204.12	1186	P7473064.XX	56C	P7473020.XX
7.8	2396	0.32	224.18	1195	P7473065.XX	56C	P7473021.XX
6.3	2396	0.26	278.62	1214	P7473066.XX	56C	P7473022.XX

*Overhung load is calculated at centerline of output shaft.

**Catalog numbers are for basic reducer without base or output flange.

WHEN ORDERING, SUBSTITUTE THE XX SUFFIX WITH REQUIRED MOD-SQUAD CODE. FOR AVAILABLE INTERCHANGE BASE AND OUTPUT FLANGE CODES SEE PAGES 52-55.

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SELECT REDUCER MOUNTING POSITION ON PAGE 60

757 Series • 1.0 S.F. • Aluminum Case • 1750 RPM Input

Output Speed (RPM)	Output Torque (lb-in.)	Input HP	Ratio	Output* OHL (lbs.)	NON-MOTORIZED	MOTORIZED QUILL INPUT	
					Basic Reducer Catalog Number**	Motor Frame	Basic Reducer Catalog Number**
52	3372	2.96	34.01	1060	P7573111.XX	56C 143-5TC	P7573023.XX P7573067.XX
44	3372	2.53	39.79	1192	P7573112.XX	56C 143-5TC	P7573024.XX P7573068.XX
37	3372	2.13	47.22	1330	P7573113.XX	56C 143-5TC	P7573025.XX P7573069.XX
32	3372	1.84	54.73	1354	P7573114.XX	56C 143-5TC	P7573026.XX P7573070.XX
31	3372	1.76	57.13	1354	P7573115.XX	56C 143-5TC	P7573027.XX P7573071.XX
26	3372	1.52	66.22	1398	P7573116.XX	56C 143-5TC	P7573028.XX P7573072.XX
25	3372	1.42	71.01	1398	P7573117.XX	56C 143-5TC	P7573029.XX P7573073.XX
23	3372	1.31	76.69	1414	P7573118.XX	56C 143-5TC	P7573030.XX P7573074.XX
21	3372	1.22	82.30	1422	P7573119.XX	56C 143-5TC	P7573031.XX P7573075.XX
21	3372	1.20	83.59	1422	P7573120.XX	56C 143-5TC	P7573032.XX P7573076.XX
19	3372	1.09	92.78	1430	P7573121.XX	56C 143-5TC	P7573033.XX P7573077.XX
17	3372	0.96	104.68	1454	P7573122.XX	56C 143-5TC	P7573034.XX P7573078.XX
15	3372	0.86	117.22	1461	P7573123.XX	56C 143-5TC	P7573035.XX P7573079.XX
14	3372	0.79	126.65	1468	P7573124.XX	56C	P7573036.XX
13	3372	0.74	135.74	1472	P7573125.XX	56C	P7573037.XX
12	3372	0.69	145.68	1475	P7573126.XX	56C	P7573038.XX
11	3372	0.64	157.40	1492	P7573127.XX	56C	P7573039.XX
11	3372	0.61	164.23	1492	P7573128.XX	56C	P7573040.XX
9.4	3372	0.54	185.29	1498	P7573129.XX	56C	P7573041.XX
8.6	3372	0.49	204.12	1502	P7573130.XX	56C	P7573042.XX
7.8	3372	0.45	224.18	1510	P7573131.XX	56C	P7573043.XX
6.3	3372	0.36	278.62	1510	P7573132.XX	56C	P7573044.XX

*Overhung load is calculated at centerline of output shaft.
**Catalog numbers are for basic reducer without base or output flange.



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