

DARALI®/ CYCLO® 3000 SERIES PART NUMBER CROSSOVER

SINGLE REDUCTION

DOUBLE REDUCTION

NOMENCLATURE

CYCLO®	DARALI®	CYCLO®	DARALI®	CYCLO®	DARALI®
3075	⇐ B07	3075/07	⇐ B0707	H	⇐ XHH
3085	⇐ B08	3085/07	⇐ B0807	V	⇐ XVD
3090	⇐ B09	3097/08	⇐ B0908	HM	⇐ MHH
3095	⇐ B09	3105/08	⇐ B1008	VM	⇐ MVD
3097	⇐ B09	3115/09	⇐ B1109	HC	⇐ AHH
3100	⇐ B10	3145/10	⇐ B1310	VC	⇐ AVD
3105	⇐ B10	3155/09	⇐ B1409	HF	⇐ XFH
310H	⇐ *****	3165/11	⇐ B1611	HFC	⇐ AFH
3110	⇐ B11	3175/11	⇐ B1711	VF	⇐ XFV
3115	⇐ B11	3185/14	⇐ B1813	VFC	⇐ AFV
311H	⇐ B12	3190/11	⇐ B1911	HP	⇐ THH
3140	⇐ B13	3195/11	⇐ B1911	VP	⇐ TVD
3145	⇐ B13	3195/14	⇐ B1913	H-BP	◆ <i>Base Mount</i>
3155	⇐ B14	3205/11	⇐ B2011	H-SB	⇐ SHH
315H	⇐ B15	3205/14	⇐ B2013	V-SB	⇐ SVD
3160	⇐ B16	3215/14	⇐ B2113	H-HS	⇐ QHH
3165	⇐ B16	3215/16	⇐ B2116	V-HS	⇐ QVD
316H	⇐ *****	3225/14	⇐ B2213		
3170	⇐ B17	3225/17	⇐ B2217		
3175	⇐ B17	3235/16	⇐ B2316		
3180	⇐ B18	3235/18	⇐ B2318		
3185	⇐ B18	3245/16	⇐ B2416		
3190	⇐ B19	3245/18	⇐ B2418		
3195	⇐ B19	3255/17	⇐ B2517		
3205	⇐ B20	3255/19	⇐ B2519		
3215	⇐ B21	3265/19	⇐ B2619		
3225	⇐ B22	3275/19	⇐ B2719		
3235	⇐ B23				
3245	⇐ B24				
3255	⇐ B25				
3265	⇐ B26				
3275	⇐ B27				

◆ = Available in the future

***** CYCLO®310H and 316H frames have higher shaft center height and higher overall height than their sibling frames. Please consult PTC Endeavor, Inc.

⇐ means "DIRECT DROP-IN REPLACEMENT".

(i.e.: Foot Print, Shaft Center Height, Shaft Diameter, and Shaft Length Being Identical.

- DARALI® is a trademark of DARALI GROUP

- CYCLO® is a trademark of Sumitomo Machinery Corporation of America

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👉 STEP 1: Find out the reducer FRAME SIZE.

SINGLE STAGE REDUCTION (6:1 ~ 87:1)

Sumitomo	DARALI	Sumitomo	DARALI	Sumitomo	DARALI	Sumitomo	DARALI	Sumitomo	DARALI
3075	B07	310H		315H	B15	3185	B18	3245	B24
3085	B08	3110	B11	3160	B16	3190	B19	3255	B25
3090	B09	3115	B11	3165	B16	3195	B19	3265	B26
3095	B09	311H	B12	316H		3205	B20	3275	B27
3097	B09	3140	B13	3170	B17	3215	B21		
3100	B10	3145	B13	3175	B17	3225	B22		
3105	B10	3155	B14	3180	B18	3235	B23		

DOUBLE STAGE REDUCTION (102:1 ~ 7569:1)

Sumitomo	DARALI	Sumitomo	DARALI	Sumitomo	DARALI	Sumitomo	DARALI	Sumitomo	DARALI
3075/07	B0707	3155/09	B1409	3195/14	B1913	3225/17	B2217	3255/19	B2519
3085/07	B0807	3165/11	B1611	3205/11	B2011	3235/16	B2316	3265/19	B2619
3097/08	B0908	3175/11	B1711	3205/14	B2013	3235/18	B2318	3275/19	B2719
3105/08	B1008	3185/14	B1813	3215/14	B2113	3245/16	B2416		
3115/09	B1109	3190/11	B1911	3215/16	B2116	3245/18	B2418		
3145/10	B1310	3195/11	B1911	3225/14	B2213	3255/17	B2517		

👉 STEP 2: Find out the REDUCTION RATIO.

◆ SINGLE STAGE REDUCTION RATIO

6:1, 8:1, 11:1, 13:1, 15:1, 17:1, 21:1, 25:1, 29:1, 35:1, 43:1, 51:1, 59:1, 71:1, 87:1

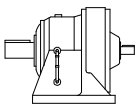
◆ DOUBLE STAGE REDUCTION RATIO

102:1, 104:1, 121:1, 165:1, ... (combination of any two single reduction ratios) ..., 4437:1, 5133:1, 6177:1, 7569:1.

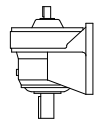
👉 STEP 3: Find out the CONFIGURATION.

- Listed below are the most popular configurations. For other configurations, please consult DARALI®DRIVES.

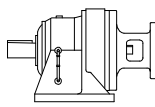
H = XHH



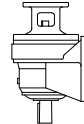
VH = XHD



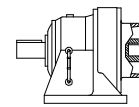
HC = AHH



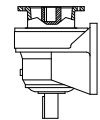
VHC = AHD



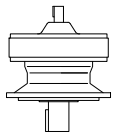
H-HS = QHH



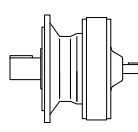
VH-HS = QHD



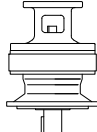
V = XVD



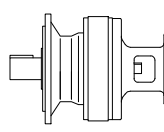
HV = XVH



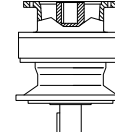
VC = AVD



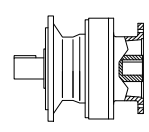
HVC = AVH



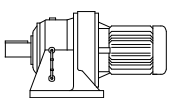
V-HS = QVD



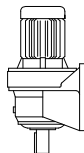
HV-HS = QVH



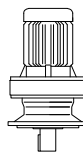
HM = MHH



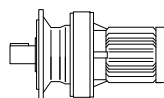
VHM = MHD



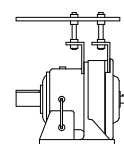
VM = MVD



HVM = MVH



HP = THH



H-SB = SHH

