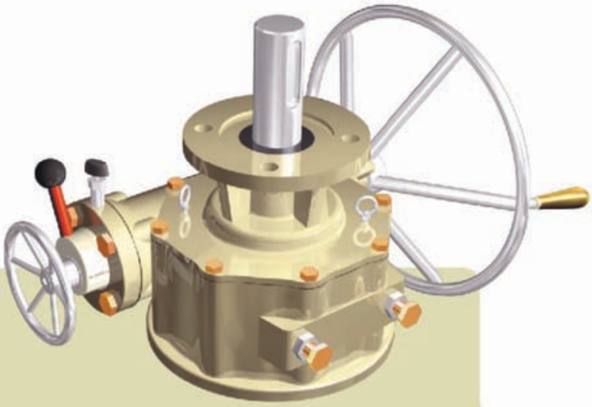
HORIZONTAL INPUT DECLUTCH GEARBOXES

Somewhere it should be noted that these units have been specifically developed for use with Pneumatic and Hydraulic Actuators
providing a positive mechancial means of manual operation

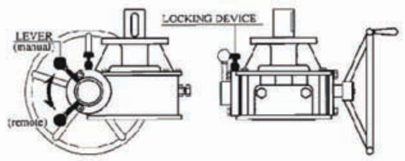


Bushing Type
Splines permit accurate alignment of valve stem key

■ FEATURE

- All mounting bases conform to ISO 5210/1 Standards
- All castings are Ductile iron, Class 65–45–12 Excellent strength and impact resistance
- Worm Gear material is available in two options
  - Ductile iron, Class 80–55–06
  - Aluminum bronze, B148–C95800
- Worm is 4140 Heat Treated Alloy Steel
- Removable splined Bushing to permit accurate positioning between gear drive and valve stem
- Options include hand wheels, chain wheels, etc

Manual Override Operation



1. Pull up on locking device knob.
2. Rotate lever to "Manual" position.
3. Handwheel can now be operated.
   (Note: pneumatic actuator is now fully disengaged)
4. The lever must be placed back in "Remote" position for Pneumatic operation.

< CAUTION >

- Operate to check the position of manual and remote.
- When convert "manual" position, control the position of worm shaft and then operate to accord with worm gear.

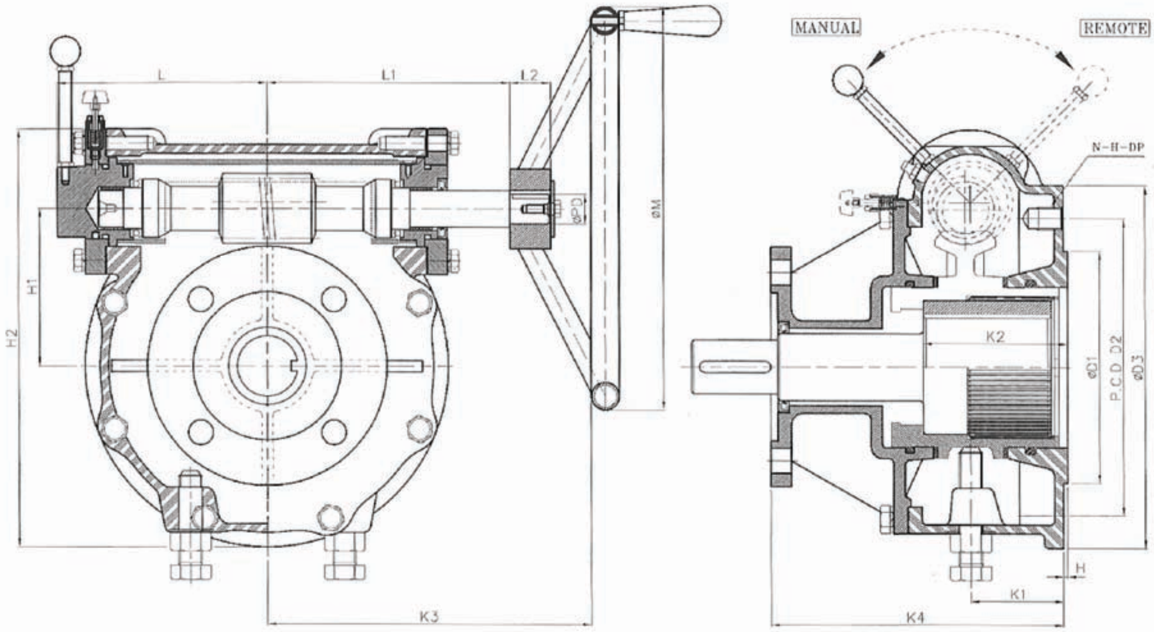
SELECTION CHART FOR MANUAL OPERATORS

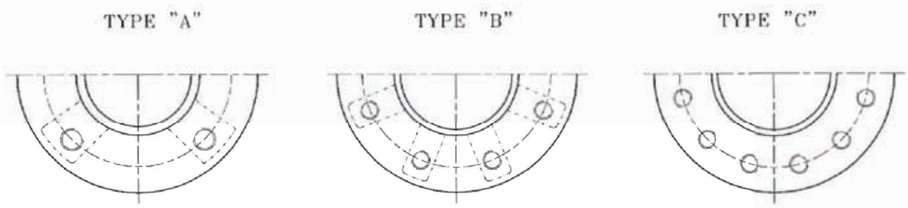
MODEL \ SIZE	GEAR RATIO	MAX. Stem Acceptance		Mounting option & Standard	MAX. Torque Capacity N•m	Ft•lbf	WEIGHT Kg
ASBWG-0DC	36 : 1	28	(8x7)	F-07, F-10	600	443	9
ASBWG-00DC	38 : 1	36	(10x8)	F-10, F-12	1000	738	12
ASBWG-01DC	42 : 1	46	(14x9)	F-12, F-14	1550	1143	17
ASBWG-02DC	48 : 1	60	(18x11)	F-14, F-16	2400	1770	26
ASBWG-03DC	52 : 1	75	(20x12)	F-16, (F-20)	4300	3172	37
ASBWG-04DC	56 : 1	95	(25x14)	(F-20), F-25	7700	5680	71
ASBWG-05DC	60 : 1	115	(32x18)	F-25, F-30	14800	10916	98
ASBWG-06DC	64 : 1	140	(36x20)	F-30, F-35	26700	19693	175
ASBWG-07DC	68 : 1	180	(45x25)	F-35, F-40	51100	37690	290
ASBWG-08DC	58 : 1	225	(50x28)	F-40, F-48	106000	78182	545

ACRODYNE PTY LTD
14/11 HAVELOCK ROAD
BAYSWATER 3153 VICTORIA
PHONE (03) 8727 7800
www.acrodyne.com.au

Declutch Gear

Horizontal input





DIMENSION

Unit : mm

DIM / MODEL	BASE PART							EXTERNAL PART								INPUT SHAFT PART			HAND WHEEL
	TYPE	FLANGE SIZE.	ØD1	P.C.D D2	P.C.D N-H-DP	ØD3	H	H1	H2	K1	K2	K3	K4	L	L1	L2	ØPD	KEY	ØM
ASBWG-0DC	A	F-10	70	102	4-M10-17 3/8"-16UNC	125	2	50	151	43	45	167	144	111	117	24	16	5X5	200
ASBWG-00DC		F-12	85	125	4-M12-20 1/2"-13UNC	150		58	178	51	55	196	157	123	126				250
ASBWG-01DC		F-14	100	140	4-M16-25 5/8"-11UNC	175		71	202	52	67	208	176	132	138				
ASBWG-02DC		F-16	130	165	4-M20-30 3/4"-10UNC	210		88	247	63	77	290	198	156	160		21	6X6	300
ASBWG-03DC	B	(F-16),F-20	160	205	8-M16-30 5/8"-11UNC	250	3	109	288	63	87	303	216	169	173	24	21	6X6	400
ASBWG-04DC		F-25	200	254	8-M16-32 5/8"-11UNC	300		139	365	89	111	340	257	197	200	34	32	10x8	630
ASBWG-05DC		F-30	230	298	8-M20-40 3/4"-10UNC	365		179	437	91	134	394	274	231	234				710
ASBWG-06DC		F-35	230	298	M30-45 1"-8UNC	465		222	553	110	156	461	319	276	281	44	38	12x8	800
ASBWG-07DC		F-40	260	356	8-M36-55 11/4"-7UNC	475		280.5	651	109	125	193	536	230	336				900
ASBWG-08DC	C	F-48	370	483	12-M36-55 11/4"-7UNC	560	3	339.5	800	130	135	235	615	294	415	58	50	16x10	1000