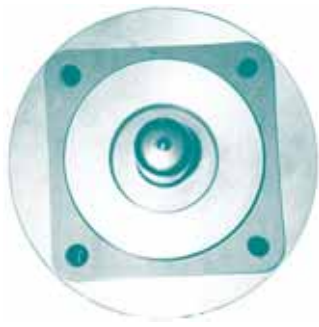




BRAKES

The product information and specifications within this catalogue should be viewed as a guide only and are subject to change without notice. Please refer to inside front cover for further details.



AUSCO Multi-Disc Brakes

FEATURES:

- The Ausco Multi-Disc Brake is spring loaded to apply the brake, and hydraulic pressure is required to release the brake.
- Normal Operation is to have the brake pressurised in the released position with the vehicle hydraulic system running.
- Any function which reduces the hydraulic system pressure below the release pressure of the brake will allow the springs to apply the brake.

For Adaptor Plates, see "Accessories" section Pg. 25



Ausco Products Inc. supply heavy duty, off-highway brakes for original equipment and replacement applications. Available as multi-disc, multi-disc with service brake or multi-disc with one way clutch, these brakes are used on a wide range of construction, mining, agricultural, industrial and marine equipment, in applications including:

- Winches
- Man Lifts
- Swing Booms
- Hydrostatic Wheel Drives
- Materials Handling Equipment
- Mining machinery and vehicles
- Scissor Lifts
- Agricultural Machinery

Ausco is committed to bringing its customers the latest in heavy duty brake technology, and their "New Generation" brake line, which Berendsen Fluid Power imports exclusively into Australia, offers all the advantages of wet brake technology, which include reduced size, increased pressure capability, less corrosion and longer component life.



Model Code	INPUT HYDRAULIC MOTOR END			OUTPUT GEAR REDUCER END				
	Pilot DIA in (mm)	Mounting (SAE J744)	Shaft	Torque LB-IN (Nm)	Wet/Dry	Pilot DIA in (mm)	Mounting (SAE J744)	Shaft
75105	3.25 (82.6)	Mod A	13T 16/32	1540 (174)	Wet	4.00 (101.6)	B	13T 16/32
75115	3.25 (82.6)	Mod A	SAE 6B	3200 (362)	Wet	3.25 (82.6)	B	SAE 6B
75120	3.25 (82.6)	Mod A	SAE 6B	3800 (429)	Wet	4.00 (101.6)	B	SAE 6B
75125	3.25 (82.6)	Mod A	SAE 6B	3800 (429)	Wet	4.00 (101.6)	B	13T 16/32
75110	3.25 (82.6)	Mod A	SAE 6B	2600 (294)	Wet	4.00 (101.6)	B	13T 16/32
75130	4.00 (101.6)	B	13T 16/32	3200 (362)	Wet	4.00 (101.6)	B	13T 16/32
75220	4.00 (101.6)	B	13T 16/32	1540 (174)	Wet	4.00 (101.6)	B	13T 16/32
75225	4.00 (101.6)	B	13T 16/32	1800 (203)	Wet	4.00 (101.6)	B	13T 16/32
75230	4.00 (101.6)	B	13T 16/32	2600 (294)	Wet	4.00 (101.6)	B	13T 16/32
75255	4.00 (101.6)	B	15T 16/32	3200 (362)	Wet	4.00 (101.6)	B	15T 16/32
75260	4.00 (101.6)	B	13T 16/32	3800 (429)	Wet	4.00 (101.6)	B	13T 16/32
76928	3.25 (82.6)	Mod A	14T 12/24	9100 (1028)	Wet	5.00 (127)	C	14T 12/24
78299	3.25 (82.6)	Mod A	SAE 6B	9000 (1017)	Wet	5.00 (127)	C	14T 12/24
75626	5.00 (127)	C	14T 12/24	4000 (452)	Wet	5.00 (127)	C	14T 12/24
75627	5.00 (127)	C	14T 12/24	5400 (610)	Wet	5.00 (127)	C	14T 12/24
75628	5.00 (127)	C	14T 12/24	9000 (1017)	Wet	5.00 (127)	C	14T 12/24
75629	5.00 (127)	C	14T 12/24	7200 (814)	Wet	5.00 (127)	C	14T 12/24
76263	5.00 (127)	C	14T 12/24	2200 (249)	Wet	5.00 (127)	C	14T 12/24
76264	5.00 (127)	C	14T 12/24	3300 (373)	Wet	5.00 (127)	C	14T 12/24
76208	5.00 (127)	C	14T 12/24	12500 (1412)	Wet	5.00 (127)	C	14T 12/24
78018	5.00 (127)	C	14T 12/24	6100 (690)	Wet	6.00 (152.4)	D	13T 8/16
76351	6.00 (152.4)	D	13T 8/16	8400 (949)	Wet	6.00 (152.4)	D	13T 8/16
76350	6.00 (152.4)	D	13T 8/16	12000 (1356)	Wet	6.00 (152.4)	D	13T 8/16
76349	6.00 (152.4)	D	13T 8/16	16000 (1808)	Wet	6.00 (152.4)	D	13T 8/16
76222	6.00 (152.4)	D	13T 8/16	20000 (2260)	Wet	6.00 (152.4)	D	13T 8/16

Units: Length/Diameter = in (mm), pressure - PSI (bar), torque = lbs in (Nm).





FAIRFIELD Torque-Lock Brake System

FEATURES:

- All brake models feature relative maximum pressure up to 4000 PSI
- Silicone chrome vanadium die springs
- Flow-thru ports (wet brakes only)
- Precision ball bearing
- Viton® rotary oil seal
- Friction plates
- Viton® O-ring and teflon backup ring

Model Code	Bolt-On Configuration	Rated Dry Static Torque Range (lb.-in.)	Rated Wet Static Torque Range (lb.-in.)	Full Release Pressure Range (psi)	Brake Unit Weight (lb.)
FBH16333	SAE "A/B" Short Bolt-On	800 to 2400	500 to 1600	66 to 195	23
FBH13333	SAE "B" Short Bolt-On	800 to 2400	500 to 1600	66 to 195	21
FBH06333	SAE "A/B" Bolt-On	1000 to 3600	1000 to 2400	66 to 195	27
FBH03333	SAE "B" Bolt-On	1000 to 3600	1000 to 2400	66 to 195	25
FBH04444	SAE "C" Bolt-On	4000 to 10000	2600 to 6600	95 to 235	52
FBH05555	SAE "D" Bolt-On	7000 to 14000	4600 to 9300	85 to 170	105

FAIRFIELD

ENGINEERED DRIVE SOLUTIONS

Fairfield Manufacturing Company Inc; headquartered in Lafayette, Indiana USA, is a world leader in gears, gear products, and power transmission drive solutions with more than 80 years experience.

Fairfield's precision-engineer Torque-Lock brakes embrace solid, dependable braking on a whole range of applications, including wheel drives, swing drives and truck drives.

Fairfield Torque-Lock brakes have exceptional longevity as they are self-contained and tight-sealed, which will protect against contamination hence increase life cycle and reduce maintenance.



ORDERING INFORMATION:

FB - H - 1 - 3 - 3 - 3 - 3 - 15 - D - X
(1) (2) (3) (4) (5) (6) (7) (8) (9) (10)

(1) FB FAIRFIELD BRAKE
(2) RELEASE TYPE
H = Hydraulic
(3) HOUSING TYPE
0 = Standard Brake 1 = Short Brake
(4) PILOT INPUT
3 = SAE "B" (4.005/4.001) Pilot 4 = SAE "C" (5.005/5.001) Pilot 6 = SAE "A" (3.255/3.251) Pilot
(5) SPLINE INPUT
3 = 13T 16/32 Spline 4 = 14T 12/24 Spline 6 = 6B Spline 8 = 15T 16/32 Spline
(6) PILOT OUTPUT
3 = SAE "B" (4.000/3.998) Pilot 4 = SAE "C" (5.004/4.998) Pilot
(7) SPLINE OUTPUT
3 = 13T 16/32 Spline 4 = 14T 12/24 Spline 8 = 15T 16/32 Spline

(8) BRAKE RATING	
<u>DRY</u>	<u>WET</u>
08 = 800	05 = 500
10 = 800	07 = 700
12 = 1200	08 = 800
14 = 1400	09 = 900
16 = 1600	11 = 1100
18 = 1800	12 = 1200
20 = 2000	13 = 1300
22 = 2200	15 = 1500
24 = 2400	16 = 1600
27 = 2700	18 = 1800
30 = 3000	20 = 2000
33 = 3300	22 = 2200
36 = 3600	24 = 2400
40 = 4000	26 = 2600
60 = 6000	40 = 4000
80 = 8000	53 = 5300
100 = 10000	66 = 6600
(9) BRAKE TYPE	
D = Dry W = Wet	
(10) SPECIAL FEATURES	
A = No Seal X = Blank	